

83-#958 - #12426
12/84

Geochemical
ASSESSMENT REPORT

PONY I AND PONY IV CLAIMS

CLINTON MINING DIVISION

N.T.S. 92 0/7E

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

LAT: 51°17'N

LONG: 122°32'W

12,426

OWNER: QUINTEKO RESOURCES LTD.

OPERATOR: QUINTEKO RESOURCES LTD.

KELOWNA, B.C.

MARCH 16, 1984

CONSULTANT: Dr. S. Blusson

AUTHOR: R. Capell

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INTRODUCTION

LOCATION AND ACCESS

The Pony group of claims is situated 5 kilometers southwest of Blackdome Mountain, approximately 35 kilometers southwest of the Gang Ranch. A well maintained dirt road presently provides summer access only to the Blackdome property, and a 4 wheel drive road extends to within 1 kilometer of the Pony claim east boundary.

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 property.

TOPOGRAPHY AND CLIMATE

The Pony claims cover portions of a northwesterly trending ridge bounded to the north and south by creek valleys. Elevation is from 1600 - 2000 meters.

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 and 1982 the claims area was systematically prospected and soil sampled to pick up extensions of the Blackdome vein system.

PRESENT INVESTIGATION

35 rock chip samples of approximately a kilogram each were taken along six traverse lines (A to F) positioned to best intersect possible extensions of the Blackdome vein system.

The entire sample was pulverized to 90% minus 20 mesh and digested in warm aqua regia for 24 hours. The solution was then shaken with M.I.B.R. to extract any soluble gold and analysed on a AAZ - 2 atomic absorption spectrophotometer.

RESULTS AND CONCLUSIONS

All samples came out in the background range for gold in rocks, near 10 parts per billion, therefore no further work should be carried out on the east side of the property. However, in projecting veins from the Blackdome property no allowance was made for offset by faults so further sampling should be undertaken near the western margin of the claim group.

APPENDIX A

STATEMENT OF EXPENDITURES

LABOUR

1½ days Geologist @ \$350.00/day	\$ 525.00
5 days field samples @ \$200.00/day	1,000.00

FOOD AND LODGING

262.95

TRANSPORTATION

Truck rental, 4 wheel drive	250.00
Fuel	130.00

EQUIPMENT AND SUPPLIES

Field supplies, sample bags, etc.	26.00
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ASSAYING

35 large samples @ \$20.00 each	700.00
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REPORT

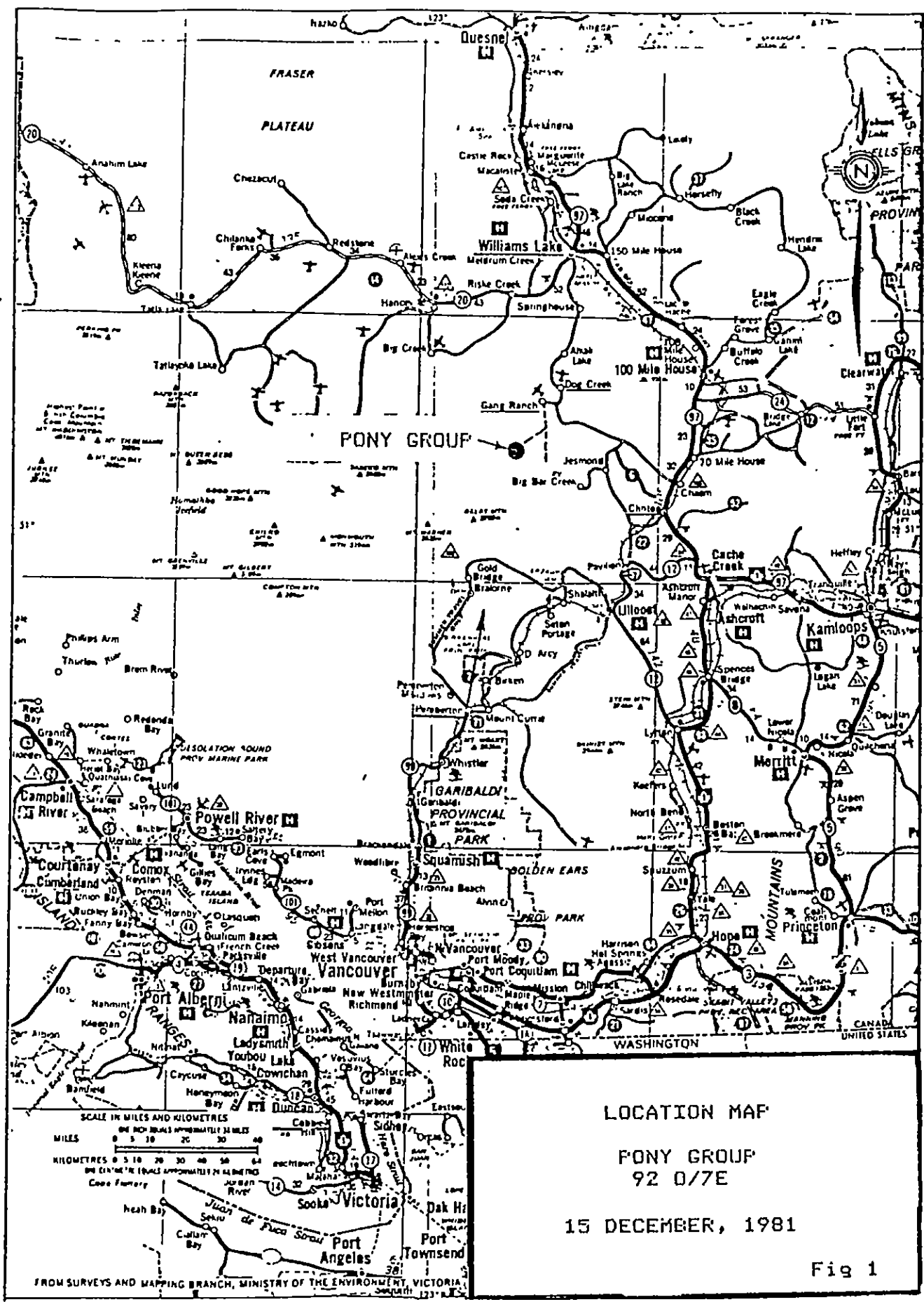
Preparation (writing, drafting, typing)	144.00
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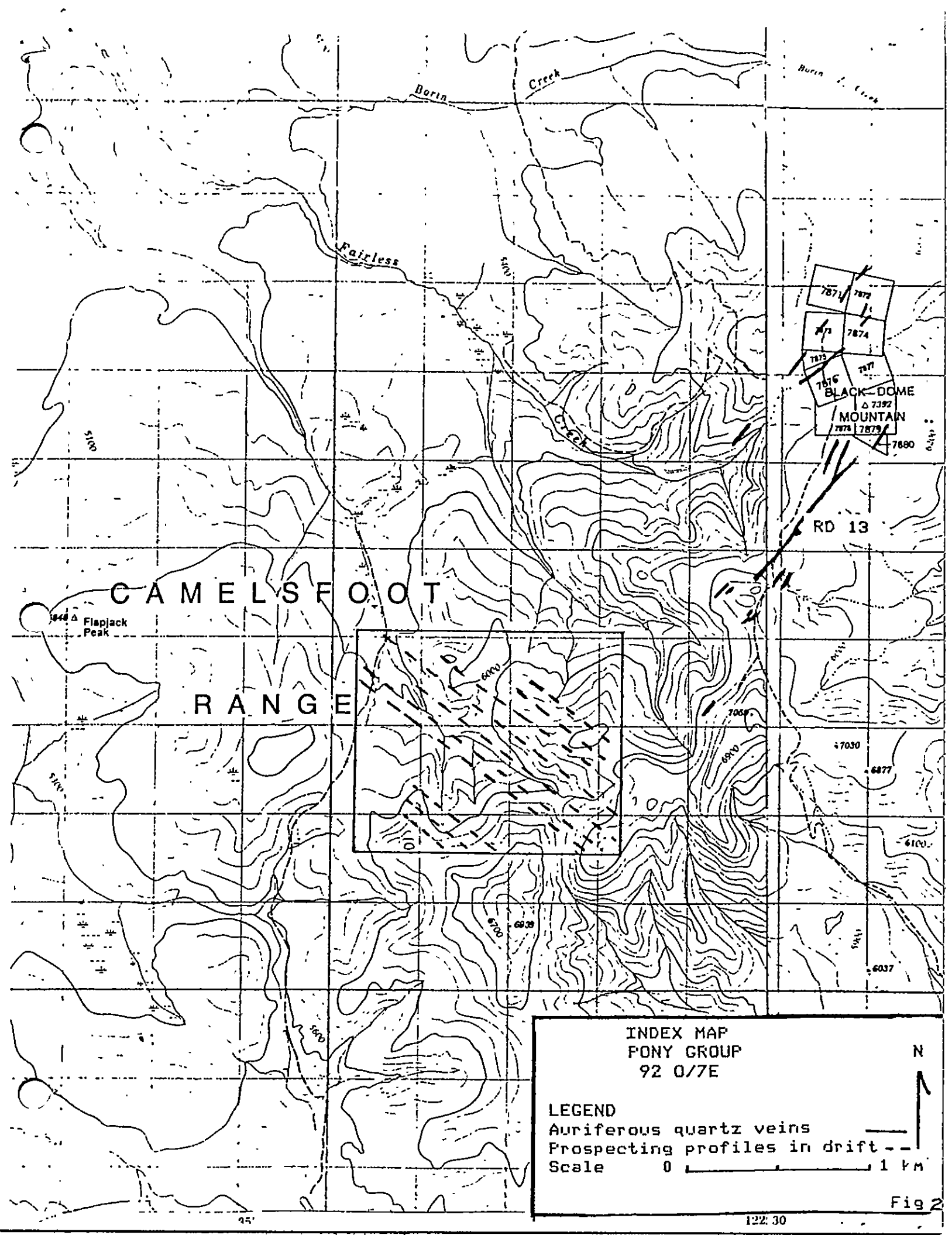
TOTAL

\$3,037.95

APPENDIX BStatement of Qualifications

Mrs. Rosemary Capell is a 1965 B.Sc graduate of the University College of Rhodesia (College of London University). Between 1966 and 1975 Mrs. Capell worked for Anglo American Corporation of South Africa in Rhodesia chiefly on base metal exploration.





CAMELSFOOT
RANGE

6444 Δ Flapjack Peak

RD 13

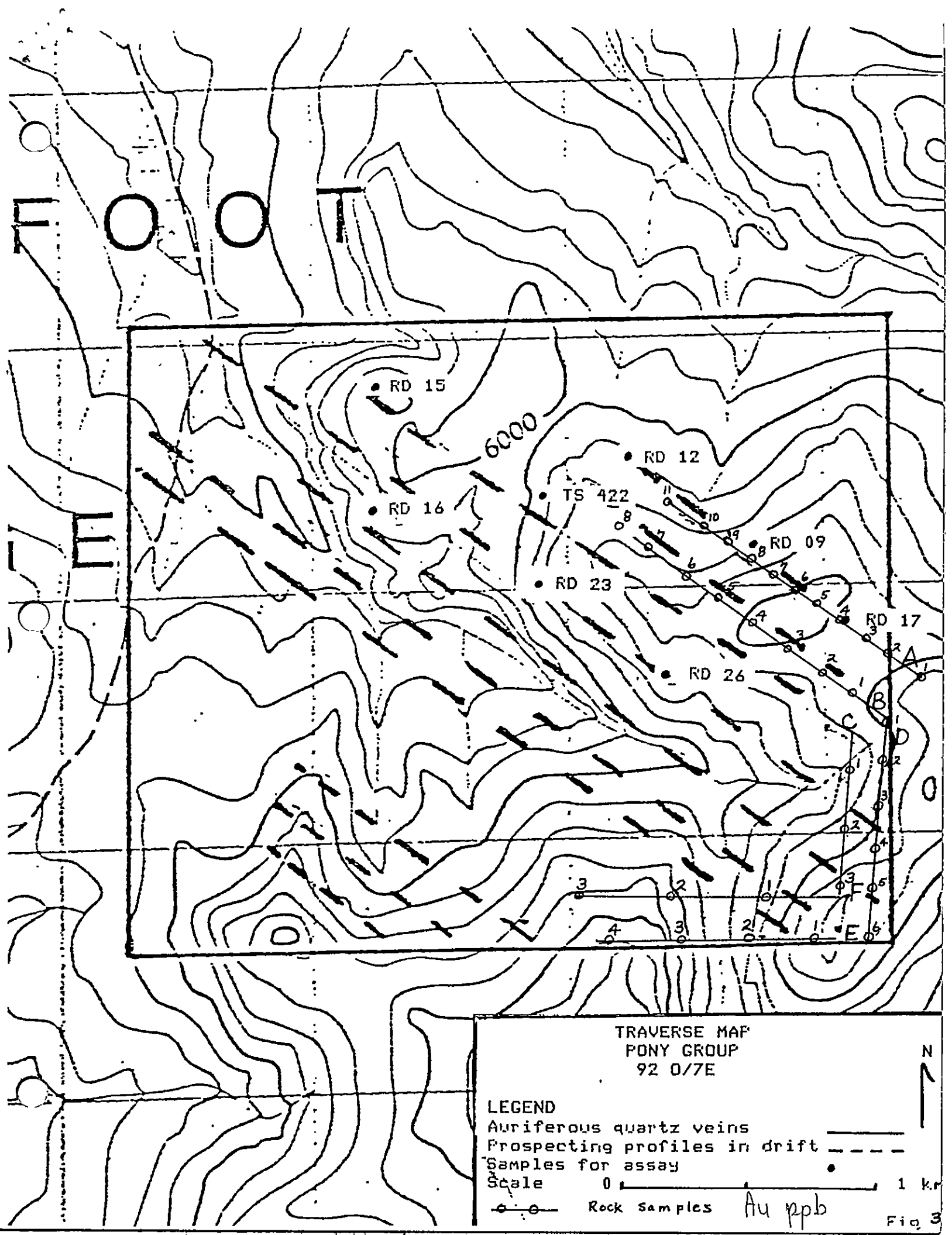
7871 7872
7873 7874
7875 7876
7877 7878 7879
BLACK-DOME MOUNTAIN
Δ 7392
7880

INDEX MAP
PONY GROUP
92 0/7E

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

N ↑

Fig 2



TRAVERSE MAP
 PONY GROUP
 92 0/7E

LEGEND

- Auriferous quartz veins
- Prospecting profiles in drift
- Samples for assay
- Scale 0 1 km

○—○ Rock samples Au ppb



Fig. 3

ROCK SAMPLE DESCRIPTIONS

LINE A

1 andesite, fine quartz veinlets
2 andesite, massive
3 "
4 "
5 "
6 "
7 "
8 "
9 "
10 "
11 "

LINE B

1 andesite, quartz veinlets
2 andesite, simonite fracture
coatings
3 andesite, massive
4 "
5 "
6 "
7 "
8 "

LINE C

1 andesite, weak argillic alteration
2 andesite, quartz veinlets
3 diabase, dyke rock

LINE D

1 andesite, quartz veinlets
2 diabase, dyke rock
3 felsite porphyry
4 glassy, spherulitic, basaltic andesite
5 " " " "
6 andesite, massive

LINE E

1 andesite, massive
2 andesite, quartz veinlets
3 andesite, massive
4 spherulitic, andesitic basalt

LINE F

1 andesite
2 andesite
3 spherulitic basaltic andesite

GEOCHEMICAL ANALYSIS

All sample preparation, acid digestion and analysis was carried out by S.L. Blusson, Ph.D. (geology and geochemistry) on the latest model scintrex, AAZ - 2 atomic absorption spectrophotometer, using standards supplied by Acme geochemical laboratory, Vancouver, B.C.