1975 EXPLORATION REPORT

CLOË MINERAL CLAIM GROUP

Mayo Mining District

Yukon Territory

N.T.S. 106-E-2

Latitude: 65°12' N

Longitude: 134°42' W

By:

P. Dean

CYPRUS ANVIL MINING CORPORATION

October, 1975

090051

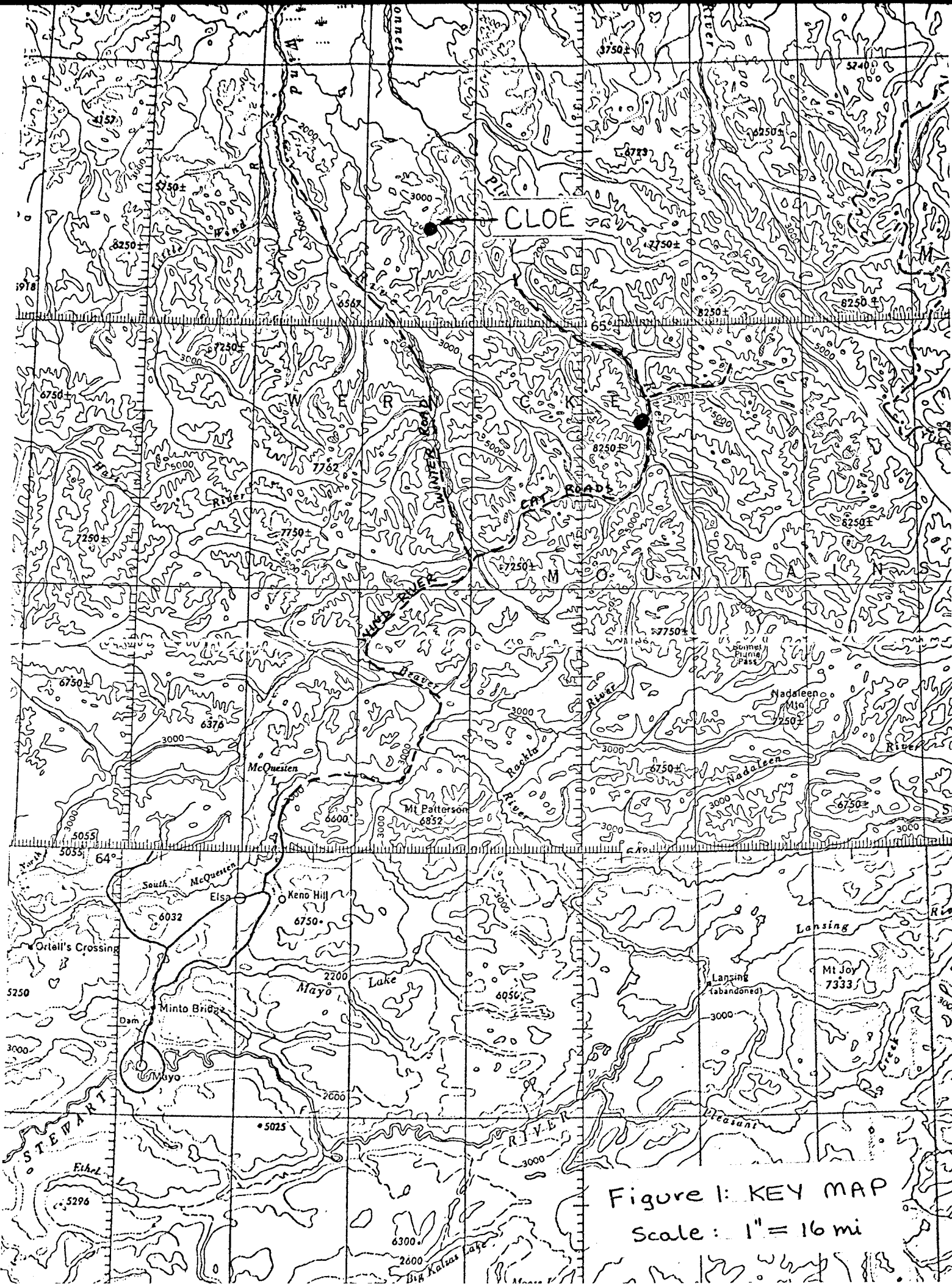

Figure 1: KEY MAP

Scale: 1" = 16 mi

TABLE OF CONTENTS

LIST OF CLAIMS

Claims	Grant Nos.	Recording Dates
CLOE 1 - 12	YA1132 - YA1143	August 29, 1975

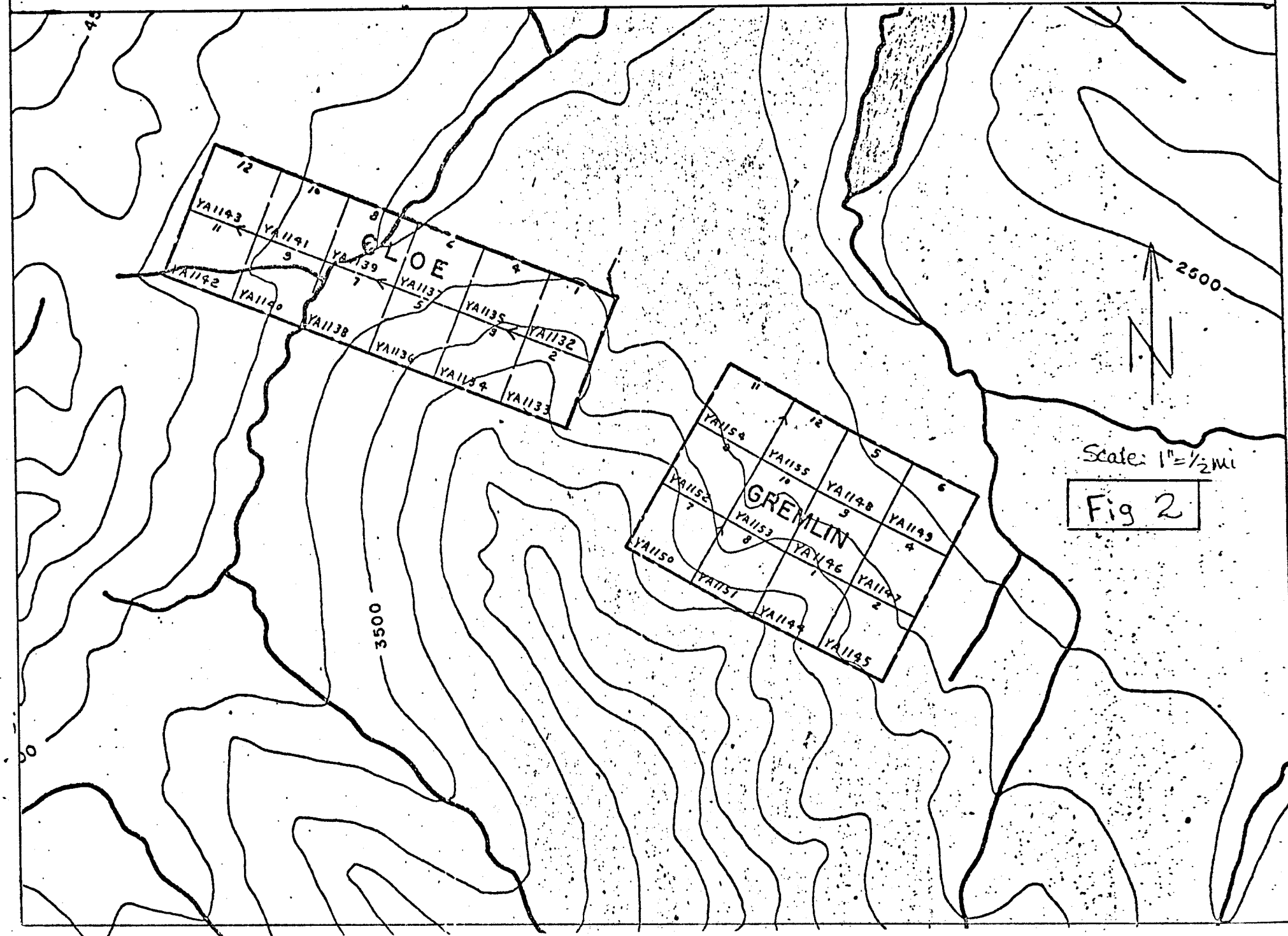
CLOE
GREMLIN
YA1143
YA1141
YA1139
YA1137
YA1135
YA1132
YA1142
YA1140
YA1138
YA1136
YA1134
YA1133
YA1154
YA1155
YA1148
YA1149
YA1152
YA1153
YA1146
YA1147
YA1150
YA1151
YA1144
YA1145
3500
2500
N
Scale: 1"=½mi

Fig 2

Cyprus Anvil Mining Corporation

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1975 EXPLORATION REPORT
CLOË MINERAL CLAIM GROUP

INTRODUCTION

The Cloë claims are located a few miles west of the Bonnet Plume River at 65°12' N, 134°42' W. Access is by float plane to Kiwi Lake, three miles to the east, or by helicopter from Mayo. The claims were staked to secure a significant lead and zinc geochemical anomaly in silts from a stream draining a black shale formation of Helikian age. Float material in the stream bed contains sphalerite, but no lead minerals were seen. Most of the area is overburden-covered. A limited amount of soil sampling was carried out on the claims during 1975.

SUMMARY AND CONCLUSIONS

A strong lead-zinc soil geochemical anomaly and mineralized float occur in an overburden-covered area underlain by a geologically favourable black shale rock unit. Further evaluation of the claims should consist initially of extended contour and grid controlled soil sampling, followed by hand trenching; I.P. surveys and/or possibly diamond drilling would follow if a sulphide deposit of reasonable dimensions is indicated. Few outcrops occur on the claims, so prospecting and geologic mapping are of limited use.

CYPRUS ANVIL

GEOLOGY

The claims are underlain by black, fissile shale of Unit Ho (G.S.C. Open File 279). The mineralized float found in the creek consists of brecciated black shale cemented by dark brown to black sphalerite. Smithsonite or other secondary zinc minerals are present on some float boulders, and a narrow fault breccia outcropping near the source of the creek also contains some secondary zinc mineralization. No galena was seen in the creek, in spite of the highly anomalous lead value obtained from the silt samples.

GEOCHEMISTRY

Lines of soil samples spaced about 500 feet apart were taken at the base of slope paralleling the main creeks on the claim group, as shown in Figure 3. The samples were dried and screened to separate the -80 mesh fraction, which was subjected to a hot acid leach and the resultant solution analysed by atomic absorption methods. The results indicate the presence of a major lead-zinc soil anomaly in the valley bottom on the north side of the claim group. A second lead-zinc anomaly is present on the western end of the claims. Low magnitude but anomalous lead-zinc values are associated with the small breccia showing near the top of the most anomalous stream on Cloe #3. This, and the lack of continuity of the values downstream, suggest that the associated mineralization is not the source of the anomalous geochemical values in soils further down the valley.

... 3

PROPOSED EXPLORATION

Further evaluation of the claims will involve additional geochemical sampling, which should take the form of:

1. contour soil lines in all areas surrounding the claims that are underlain by the black Helikian shale unit,

2. grid controlled soil sampling over most of the claim group, and extending off the present claim boundaries to the northeast and southwest.

A few more claims should be staked to the northeast and southwest to protect the possible extent of the main anomalies.

Respectfully submitted,

P. M. Dean

P. DEAN

October, 1975

Appendix I

LIST OF PERSONNEL

P. Dean	Geologist	1405 - 1011 Beach Avenue Vancouver, B.C.
A. Tench	Sampler	755 - 13th Street West Vancouver, B.C.

APPENDIX II

SUMMARY OF COSTS

Cloe Claims Expenditure Summary to October 31, 1975

	Reference	Amount
Salaries and Wages	Schedule B	$ 49.69
Assays	Schedule C	120.00
Equipment and Supplies	Schedule D	13.90
Camp Supplies	Schedule E	22.93
Rotary Wing	Schedule F	390.49
Fixed Wing	Schedule G	36.37
Miscellaneous Transportation	Schedule H	14.20
District Expense	Schedule I	9.66
		$ 657.24
Administration - 10%		65.72
TOTAL		$ 722.96

NOTE: Copies of invoices in excess of $100.00 are included. Other copies are available upon request.

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APPENDIX III

AFFIDAVIT SUPPORTING SUMMARY OF COSTS

I, PETER DEAN, Geologist, Cyprus Anvil Mining Corporation, of Vancouver, British Columbia, do hereby state that, to the best of my knowledge and belief, the statement of costs presented in this report (1975 Exploration Report, Cloe Mineral Claim Group) is both correct and true.

P. M. Dean
PETER DEAN

15 Dec 1975
(Date)

Mary E Saunders
Notary Public in and for the
Province of British Columbia

CYPRUS ANVIL

SCALE: 1": 400 FT

Cloë 12

Cloë 10

Cloë 8

Cloë 11

Cloë 9

Cloë 7

Cloë 6

Cloë 5

Cloë 4

Cloë 3

Cloë 2

Cloë 1

RC5T-2
84, 54, 150

13, 14, 50

26, 16, 64

22, 56, 122

25, 26, 130

24, 28, 100

205, 335, 660

23, 630, 1000

RC5T-1
37, 1000, 1700

32, 325, 860

36, 415, 920

80, 800, 3750

52, 375, 1360

78, 845, 1180

43, 220, 1700

31, 540, 910

RC5T-17
47, 465, 1620

RC5T-19
74, 225, 500

R45F-2402
62, 620, 2700

RC5T-18
31, 450, 1600

R45F-2403
68, 168, 450

74, 225, 500

52, 138, 355

29, 96, 315

37, 54, 230

31, 41, 310

R45F-2400
37, 17, 84

R45F-2401
122, 4150, 3050

RC5T-26
20, 54, 138

RC5T-27: 106, 4300, 3150
RC5T-28: 98, 2100, 1660

RC5T-30
94, 2750, 1560

RC5T-29
110, 3650, 1820

RC5T-31
130, 4950, 2750

RC5T-33
70, 445, 300

RC5T-35
120, 2450, 1060

RC5T-32
112, 4600, 2700

RC5T-34
98, 3400, 2300

RC5T-50
142, 5600, 2450

RC5T-57
17, 50, 174

18, 30, 138

37, 120, 265

29, 118, 265

31, 106, 260

39, 118, 345

41, 36, 150

Sphalerite float in creek

200, 8100, 2250

46, 375, 176

36, 345, 168

82, 350, 225

38, 180, 100

Shear zone mineralized with sphalerite.

86, 250, 335

44, 164, 100

74, 154, 118

RC5T-44
64, 330, 104

190, 570, 350

62, 245, 164

150, 146, 150

RC5T-42
134, 305, 305

RC5T-41
92, 290, 148

CYPROS-ANVIL MINING CORP^N

REEF PROJECT

CLOË MINERAL CLAIMS: 106E-2

Geochemical Values Map

• Cu, Pb, Zn

Fig 3

P.M. Dean OCT 1975