

**PASMINCO EXPLORATION
 EL 11/85
 YOLANDE JOINT VENTURE
 RELINQUISHMENT REPORT
 AUGUST 1985 - JANUARY 1991**

91-3222

| | |
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| MINES | |
| File Ref. | |
| 23 JAN 1991 | |
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| Action Officer | Initials |
| REFER | To |
| CORRES | 21.1.91 |
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MICROFILMED

OPEN FILE

AUTHORS: F G FitzGerald and R A Poltock
DATE: 11 January 1991
REPORT No: T91-1
SUBMITTED TO: Regional Exploration Manager - Tasmania
DISTRIBUTION: Mines Department - Hobart
 Pasminco Exploration - Burnie
 Arimco - Sydney - Melbourne
 Geoprobe - Rosebery

SUBMITTED BY:
ACCEPTED BY:
 Burnie
 January 1991

[Handwritten signature]

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SUMMARY

Exploration Licence 11/85, the Yolande Joint Venture is due for a 50% reduction in area by 20th February 1990. An area, covering 76km² covering parts of the Western Sequence of the Mt Read Volcanics and Ordovician - Devonian sedimentary rocks is to be relinquished.

Active exploration within the area to be relinquished was restricted to brief investigations of the gold mineralisation potential in the Sisters Hills area and Woody Hill (Macquarie) workings. No evidence for significant gold mineralisation was discovered.

Geological considerations and the results of earlier prospecting and mineral exploration, also indicate that the area has a lower potential to host economic massive sulphide mineralisation than in the two blocks of EL 11/85 to be retained.

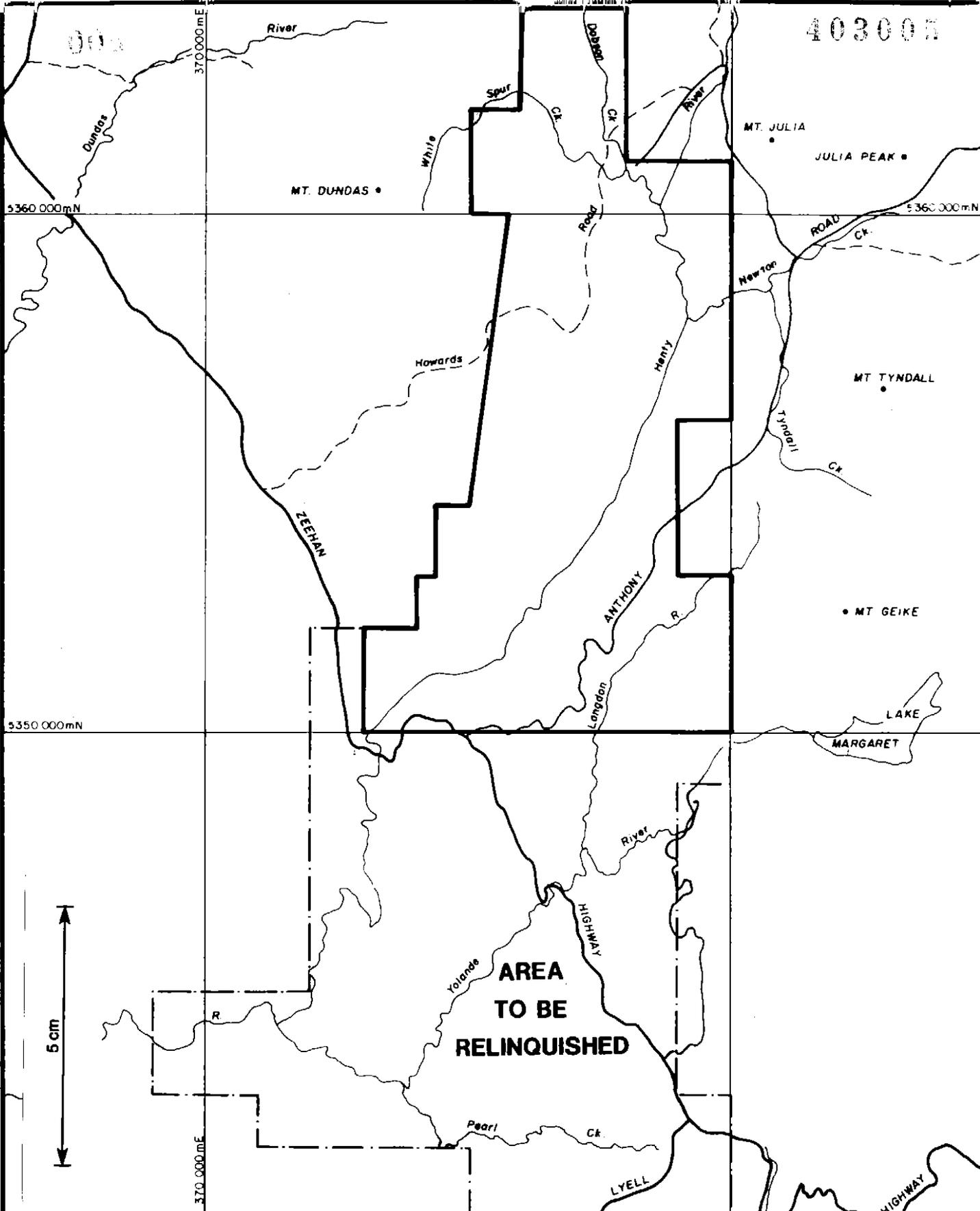
1. INTRODUCTION

Exploration Licence 11/85, the Yolande Joint Venture, covers the western parts of the Mt Read Volcanic belt and extends from south of Queenstown north to the southern boundary of the Consolidated Rosebery Mine Leases (see Figure 1) The tenement is transversed by sections of the Lyell and Zeehan Highways, the HEC Anthony Road and Howards Road. Access off these main roads is restricted to a few 4WD vehicular tracks.

The tenement was due for a 50% reduction in area on 21st August 1990, in compliance with Mines Department regulations. A six month deferral for this reduction was granted by the Department to enable the new operators of the current Joint Venture, Pasminco Exploration, time to assess the mineral potential of the whole area. The area proposed for relinquishment covers 76km² and is outlined on Figure 1.

This report briefly summarises the exploration undertaken within the relinquished area.

403005



| | |
|--|---|
|  PASMINCO EXPLORATION A Division of Pasminco Australia Limited | |
| COMPILED : F. G. F. DATE : JAN. 1991 DRAWN : G. M. B. REF. : REVISIONS : | E.L. 11/85 - YOLANDE J.V. LOCATION MAP AREA RELINQUISHED FEBRUARY 1991 |
| DRAWING No. | SCALE 1:100,000  |
| | FIG. No. 1 |

2 TENURE

Exploration Licence 11/85, Yolande was granted to Amoco Minerals Australia on 21 August 1985 covering an area of 150km². Since that time title has been transferred to Cyprus Minerals Australia Company (11 December 1985), then Cyprus Gold Australia Company (March 1988) and finally to Hudspeth and Company Pty Ltd (23 October 1990), the current title holder. The area of the licence was amended to 151km² on 22 May 1988.

During the period of tenure the licence has been the subject of two Joint Venture Agreements. The initial Agreement was between Cypress and the Electrolytic Zinc Company of Australia. The EZ interest was subsequently transferred to Norgold Ltd, part of North Broken Hill-Peko Limited. A new Joint Venture Agreement was concluded on 4 December 1990 between Hudspeth, Norgold and Pasminco Australia Limited. Under the terms of this Agreement Pasminco Exploration, a division of Pasminco Australia, are operators and managers of the Joint Venture.

The area to be relinquished is mostly uncommitted Crown Land with minor land vested in the Hydro Electric Commission and Crown Reserves.

3 EXPLORATION PHILOSOPHY

The primary exploration target within the licence is a polymetallic volcanogenic base metal sulfide hosted in Cambrian felsic to andesitic volcanics, similar to the Rosebery and Hellyer deposits.

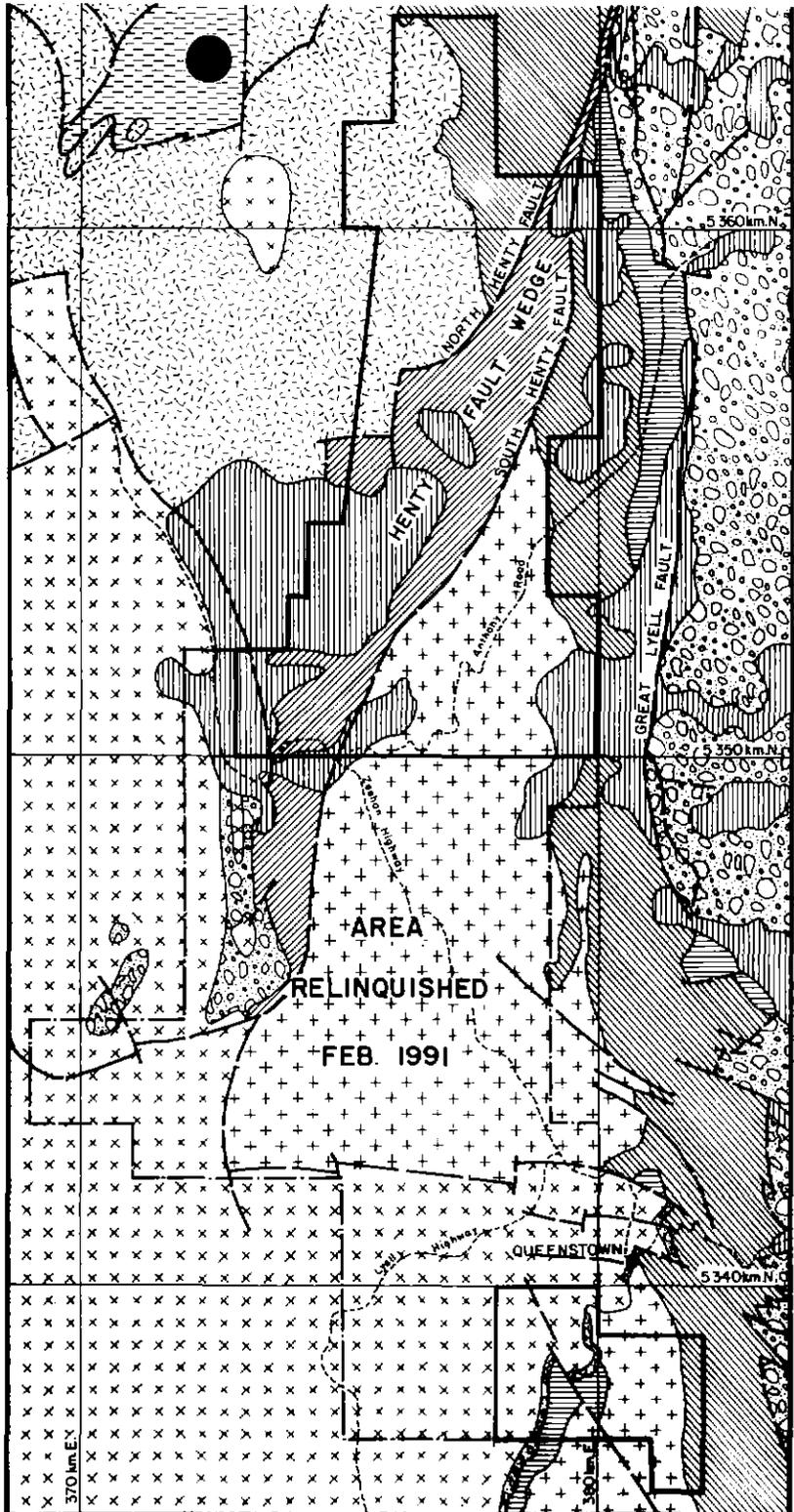
A secondary exploration target is gold associated with structural zones within the Mount Read Volcanics and Ordovician to Devonian sediments, similar to Henty or Beaconsfield.

4 REGIONAL GEOLOGY

The regional geology of the area to be relinquished is summarised in Figure 2. Most of this area is underlain by rocks forming the Cambrian Mt Read Volcanics. The predominantly felsic - intermediate volcanics, intrusives and related sedimentary rocks are assigned to the Western Sequence, within the Mt Read Volcanics. Andesitic and basaltic volcanics and sediments with mafic and ultramafic intrusives form part of a separate sequence north and west of a major fault zone, the South Henty Fault.

The far western and southern parts of the relinquished area is covered by Ordovician to Devonian stable platform sedimentary sequences. Much of the bedrock within the EL is obscured by Quaternary glacial deposits and lag gravels.

Detailed descriptions of the regional geology are given in the various maps and reports of the Mines Department Mt Read Volcanics Project.



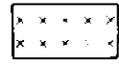
LEGEND

QUATERNARY



Glacial deposits, alluvium, talus.

ORDOVICIAN to JURASSIC



Undifferentiated, mainly sediments.

LATE CAMBRIAN to EARLY ORDOVICIAN

OWEN CONGLOMERATE



Conglomerate and sandstone.

CAMBRIAN

DUNDAS GROUP



Volcanics and sediments with minor intrusives.

TYNDALL GROUP



Volcanics and sediments.

HENTY FAULT WEDGE



Andesitic and basaltic volcanics, sediments, with ultramafic and mafic intrusives.

CENTRAL VOLCANIC COMPLEX



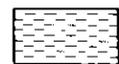
Volcanics and sediments with minor felsic porphyry and mafic intrusives.

WESTERN SEQUENCE/YOLANDE RIVER SEQUENCE



Volcanics and sediments with felsic porphyry intrusives.

PRECAMBRIAN



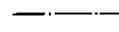
Quartzite and slate.



Faults.



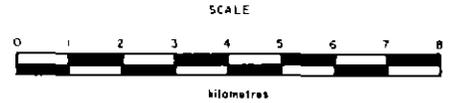
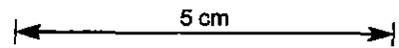
Geological boundary.



E.L. boundary.



Major road.



N.B.: Taken from map 6, Geological Compilation Map of the Mt Read Volcanics and associated rocks, Hellyer to South Darwin Peak. Department of Mines, Tasmania.
For more details, see map 6.

| | |
|--|---|
| PASMINCO EXPLORATION <small>A Division of Pasminco Australia Limited</small> | |
| COMPILED: F.G.F. | E.L. 11/85 - YOLANDE J.V. REGIONAL GEOLOGY |
| DATE: JAN 1991 | |
| DRAWN: N.W.D.S | |
| REF: 1 | |
| REVISIONS: | |
| DEPARTMENT: | SCALE: Not to scale |
| | FIG. No. 2 |

000

403003

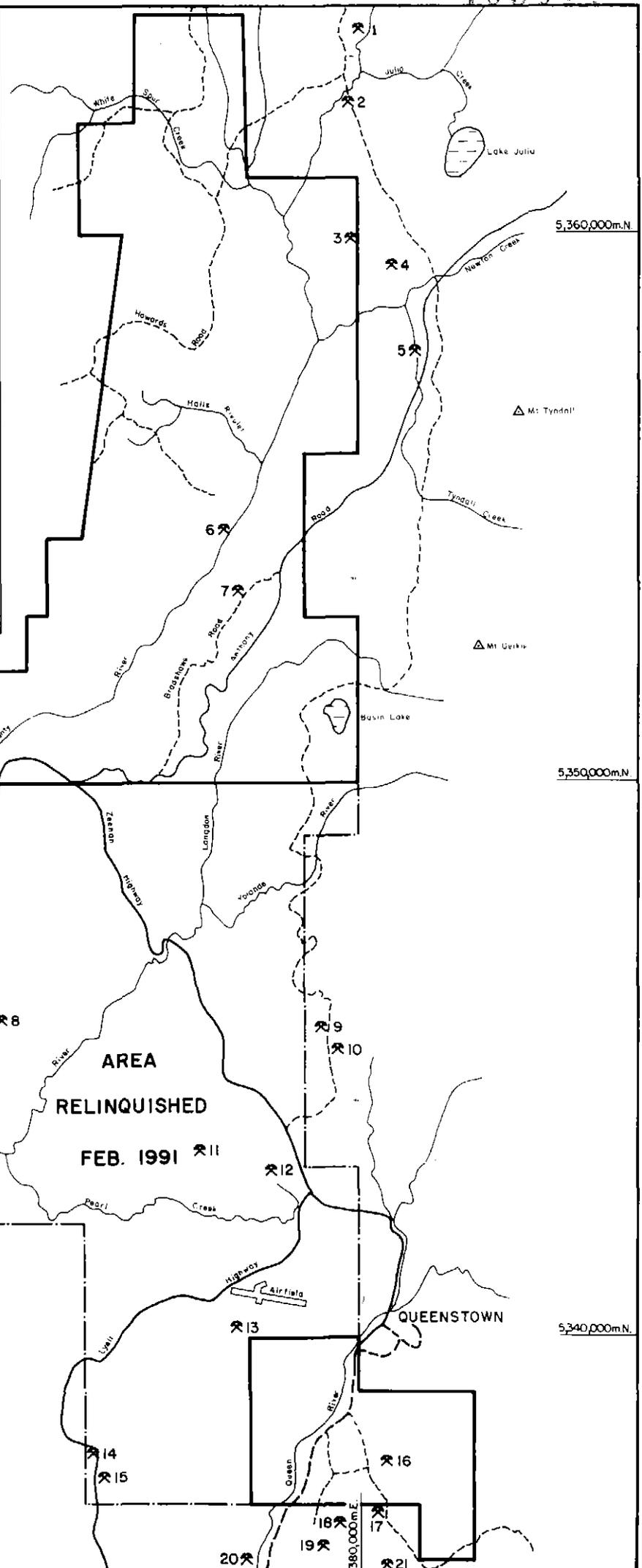
5 PREVIOUS EXPLORATION

Previous mineral exploration has been undertaken by Rio Tinto Australia Exploration, Cyprus Mines, Richards Mather and Mt Lyell. Most of this work has been of a reconnaissance nature without significant results. The only drilling completed within the relinquished area was a 3 hole program by the Mines Department to test the Madam Howard Plains Barite deposit. A comprehensive review of past exploration and prospecting has been compiled by Purvis (1983).

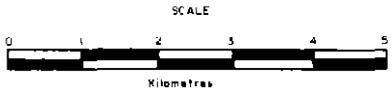
Several minor mineral occurrences are recorded in the area (see Figure 3), however there are no records of any production from these. These occurrences include the following:

- a) Madam Howard Plains – Barite veins in felsic volcanoclastics;
- b) Sisters Hills – ironstone development on Cambrian greywacke and possible Ordovician limestone;
- c) Woody Hill (Macquarie) and Airport Prospects – auriferous quartz veins in Siluro – Devonian siltstone and sandstone;
- d) Gold Creek – alluvial gold.

| No. | NAME | COMMODITY |
|-----|-----------------------|-------------------|
| 1 | Henty Fault Zone. | Au, Cu, Pb, (Zn). |
| 2 | Harris Reward. | Pb. |
| 3 | Line 30 Pit. | Zn, Pb, Ag, (Cu). |
| 4 | Tyndall Mine. | Pb, Zn, Cu, Ag. |
| 5 | Howards Anomaly. | Ag, Ba, (Pb, Zn). |
| 6 | Henty River Adits. | Pb, Zn, Ag. |
| 7 | Henty Gorge Adit. | ? Au. |
| 8 | Sisters Hills. | Limonite. |
| 9 | West Seagwick. | Pyrite. |
| 10 | Lake Margaret Road. | Au. |
| 11 | Diamond Hill. | Au, (Pb, Zn ?). |
| 12 | Madam Howards Plains. | Ba, Pyrite. |
| 13 | Madam Howard Mine. | Au. |
| 14 | Macquarie Mine. | Au. |
| 15 | Woody Hill Mine. | Au. |
| 16 | Golflinks East. | Cu. |
| 17 | Upper Lynch Creek. | ? |
| 18 | Oliphants. | Asbestos. |
| 19 | King River. | Au. |
| 20 | Princess River. | Au. |
| 21 | Lynch Creek South. | Au. |



5 cm



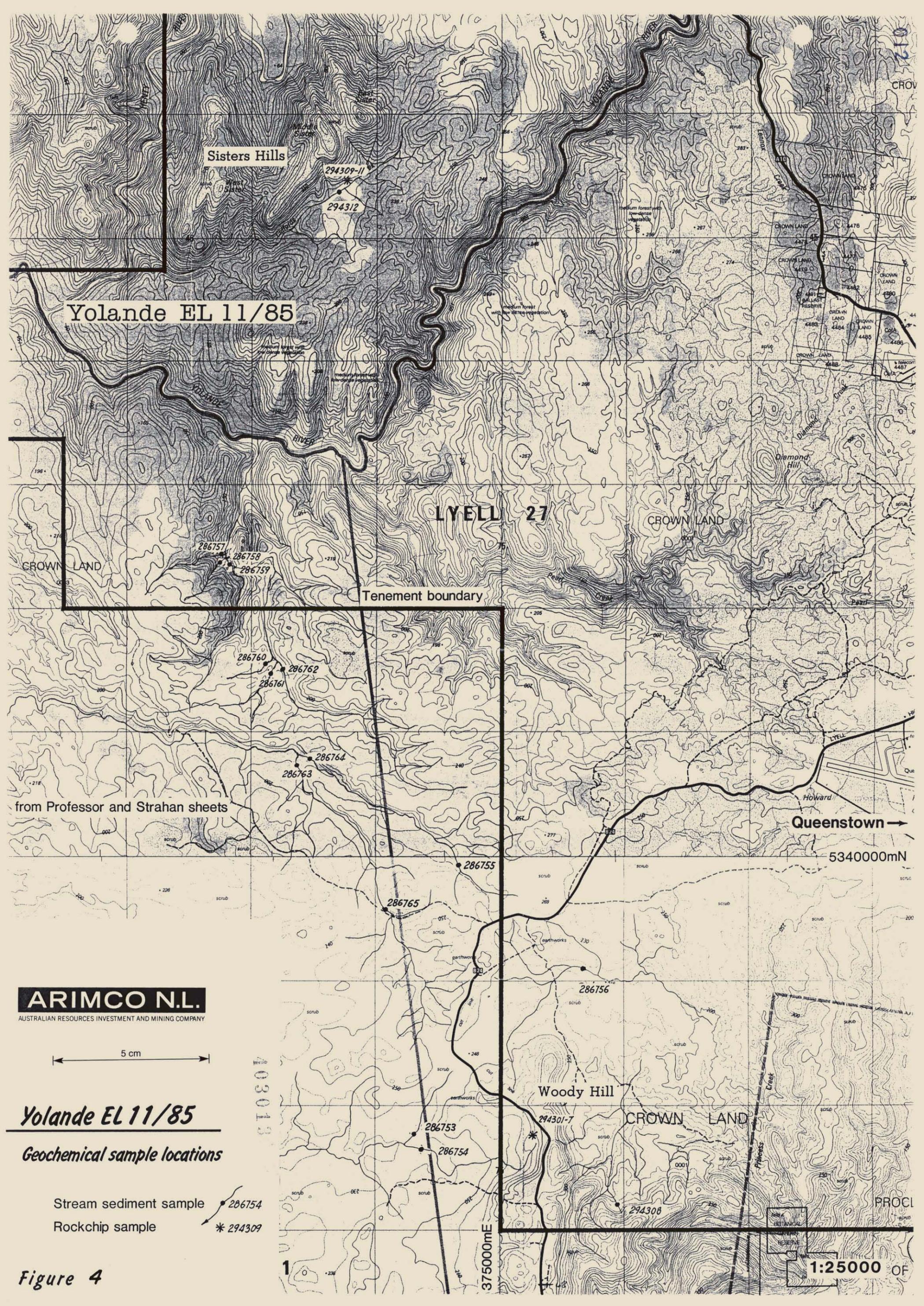
PASMINCO EXPLORATION
A Division of Pasminco Australia Limited

| | |
|-------------------------|-----------------------------------|
| COMPILED: F. G. F. | E.L. 11/85 - YOLANDE J.V. |
| DATE: JAN. 1991 | |
| DRAWN: G. M. B. | |
| REF.: | |
| REVISIONS: | MINERALISATION OCCURRENCES |
| DRAWING No. AS-819-0008 | |
| SCALE Not to scale | |
| | PH. No. 3 |

6 EXPLORATION COMPLETED ON EL 11/85

Work undertaken within the area of EL 11/85 that is to be relinquished has been restricted to limited stream sediment and rock geochemistry and brief geological investigations. The objective of this exploration was to assess the gold mineralisation potential of structural zones within the Ordovician – Devonian sedimentary sequence. It was believed that these structures could be related to the Henty Fault system, which may control the major Henty gold prospect mineralisation, 15km NE of the area.

Areas investigated in this program include the Sisters Hills and Woody Hill (Macquarie) workings. All sample locations are presented on Figures 4 and 5 respectively and sample descriptions and assay results given in Appendices 1 and 2 respectively. The maximum gold values obtained in these sampling programs are only 0.105 g/t Au for a rock chip at Woody Hill and 0.01 g/t Au in a - 80# stream sediment sample.



ARIMCO N.L.
 AUSTRALIAN RESOURCES INVESTMENT AND MINING COMPANY

5 cm

Yolande EL 11/85

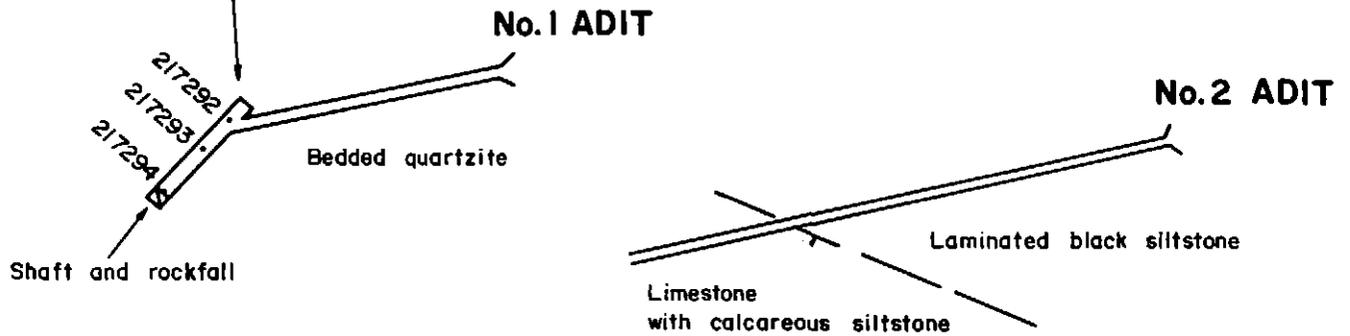
Geochemical sample locations

Stream sediment sample ● 286754
 Rockchip sample * 294309

Figure 4

1:25000 OF

Irregular quartz vein 1-1.5m wide in shear zone



NOTE Difference in elevation between No.1 and No.2 is 30metres

ROCK CHIP GEOCHEMISTRY

| | Cu | Pb | Zn | Ag | As | Au | Ba |
|--------|----|----|----|------|-----|-------|-----|
| 217292 | 10 | 30 | 35 | <0.5 | 150 | 0.095 | 210 |
| 217293 | 5 | 20 | 85 | <0.5 | 150 | 0.02 | 277 |
| 217294 | 15 | 25 | 40 | <0.5 | 120 | 0.105 | 157 |



ARIMCO N.L.

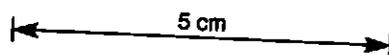
YOLANDE JV EL 11/85
WOODY HILL
(MACQUARIE)

**SAMPLE LOCATIONS
AND RESULTS**

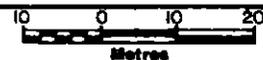
DRAWN BY : R.P.
DRAFTSMAN: T.G.D.S.
DATE :
REVISIONS : June 88

FILE NO.

FIG. 5



SCALE 1:1000



7 CONCLUSIONS

The results from the recent investigations within EL 11/85 do not contain significant gold values. These results are in accordance with those obtained by previous exploration. Similarly, geological considerations and the work of earlier explorers indicate that the area has low potential for the occurrence of economic volcanogenic massive sulphide mineralisation.

No further exploration is warranted over these areas. It is recommended that the area shown in Figure 1 is relinquished.

REFERENCE

POLTOCK, RA (1988) Progress report, twelve months to June 1988 EL 11/85 Yolande, Tasmania. CYPRUS GOLD AUSTRALIA CORP. Unpublished Report No.594.

POLTOCK, RA (1989) Progress report twelve months to August 1989 EL 11/85 Yolande, Tasmania. CYPRUS GOLD AUSTRALIA CORP. Unpublished Report No.671.

PURVIS, JG (1983) Relinquishment report, Henty - Yolande and West Huxley Areas, Tyndall EL 9/66, Western Tasmania. GOLDFIELDS EXPLORATION PTY LTD Unpublished Report

APPENDIX 1
ANALYTICAL RESULTS AND SAMPLE DATA SHEETS

ROGER POLTOCK GEOLOGICAL PTY. LTD.

SAMPLE RECORD AND ANALYTICAL DATA SHEET

COLLECTED BY: Cooney.

CLIENT CYPRUS GOLD AUST

PROJECT YOLANDE "125

LABORATORY ANALABS

DATE DISPATCHED:

PROSPECT WOODY HILL - SISTERS HILLS

SAMPLE TYPE -20# stream sediment

DATE RECEIVED:

A 28305

| SAMPLE NUMBER | LOCATION | | DESCRIPTION | ANALYSES | | | | | PPM | |
|---------------|----------|----------|-----------------------|----------|----|----|-------|-----|-----|--|
| | | | | Cu | Pb | As | Au | Sb | | |
| 226751 | 376050E | S33350N | -20# COUPON PROSPECT. | 12 | 31 | 15 | .010 | <3 | | |
| 752 | 375800E | S33350N | " " | 18 | 26 | 38 | .010 | 4 | | |
| 753 | SEE | FIG | " | 8 | 4 | 3 | <.005 | <3 | | |
| 754 | " | " | " | 24 | 17 | 5 | .010 | <3 | | |
| 755 | " | " | " | 44 | 37 | 5 | <.005 | <3 | | |
| 756 | " | " | " | 33 | 22 | 7 | .005 | <3 | | |
| 757 | " | " | " | 21 | 35 | 17 | <.005 | <3 | | |
| 758 | " | " | " | 27 | 44 | 17 | <.005 | 4 | | |
| 759 | " | " | " | 34 | 42 | 15 | <.005 | 3 | | |
| 760 | " | " | " | 50 | 44 | 17 | <.005 | <3 | | |
| 761 | " | " | " | 39 | 43 | 13 | <.005 | <3 | | |
| 762 | " | " | " | 46 | 39 | 15 | <.005 | 3 | | |
| 763 | " | " | " | 35 | 26 | 7 | <.005 | <3 | | |
| 764 | " | " | " | 50 | 40 | 8 | <.005 | <3 | | |
| 765 | " | " | " | 11 | 1 | 4 | <.005 | <3 | | |
| 766 | 376000E | S334150N | " COUPON PROSPECT. | 8 | 23 | 82 | .030 | <3 | | |
| 94312 | 373750E | S345400N | " SISTERS HILLS | NA | NA | 4 | <.005 | <.5 | | |

403012

ROGER POLTOCK GEOLOGICAL PTY. LTD.

C. 1. 03

CLIENT CYPRUS GOLD AUSTRALIA

SAMPLE RECORD AND ANALYTICAL DATA SHEET

COLLECTED BY: POLTOCK

PROJECT YOLANDE "125

LABORATORY ANALABS

DATE DISPATCHED:

PROSPECT WOODY HILL - SISTERS HILLS

SAMPLE TYPE Rock chip

DATE RECEIVED:

A 28305

| SAMPLE NUMBER | LOCATION | | DESCRIPTION | PPM | | | ANALYSES | | | | | | | | | |
|---------------|----------|----------|---|-----|-------|-----|----------|--|--|--|--|--|--|--|--|--|
| | | | | As | Au | Sb | | | | | | | | | | |
| 294301 | 375300E | 5337750N | Woody Hill adit 0-10m shale/gtz | 4 | <.005 | <.5 | | | | | | | | | | |
| 302 | " | " | " " 10-20m " " | 3 | <.005 | <.5 | | | | | | | | | | |
| 303 | " | " | " " 20-30m " " | 7 | <.005 | <.5 | | | | | | | | | | |
| 304 | " | " | " " 30-40m " " | 16 | <.005 | <.5 | | | | | | | | | | |
| 305 | " | " | " " 40-50m " " | 7 | <.005 | <.5 | | | | | | | | | | |
| 306 | " | " | " " 50-60m " " | 10 | <.005 | <.5 | | | | | | | | | | |
| 307 | " | " | Woody Hill adit - 9/3 vein from dump | 3 | .021 | <.5 | | | | | | | | | | |
| 308 | 375900E | 5337200N | limonitic sandstone / siltstone | 110 | .038 | <.5 | | | | | | | | | | |
| 309 | 373750E | 5345400N | Sisters Hills workings limestone + minor py | 56 | <.005 | 7 | | | | | | | | | | |
| 310 | " | " | " limestone? limonitic | 87 | <.005 | 6 | | | | | | | | | | |
| 311 | " | " | " " " " | 19 | <.005 | 1.5 | | | | | | | | | | |

403043

ANALABS

A Division of Macquill Hamilton & Co. Pty. Ltd.
 52 Murray Road, Welshpool, W.A. 6106
 FAX: 004 31 8890

Telex AA92560

ANALYTICAL REPORT No. **7.5.08.05906**

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

B. Roxburgh
 Cyprus Gold Aust. Co.,
 P.O. Box 493
 North Sydney
 N.S.W. 2060

| | |
|---------------|------------------|
| ORDER No. | PROJECT |
| 03499 | Y EL11/88 |
| DATE RECEIVED | RESULTS REQUIRED |
| 19/12/88 | ASAP |

| | | |
|---------------|------------|----------------------|
| DATE REPORTED | No. COPIES | TOTAL No. OF SAMPLES |
| 03/01/88 | 1 | 12 |

| SAMPLE NO. | TREATMENT | | | | | ANALYSIS | | | |
|------------|-----------|---------------------------|-------|-------------------|------|---------------------------|-------------|--------|--|
| | LA | COUSE | SPLIT | OTHER SEE REMARKS | NONE | REFER TO ANALYSIS SECTION | PREPARATION | METHOD | |
| 294301/08 | RO | Prep: 009,011,013,016 | | | | As/114 | | | |
| 294301/11 | RU | | | | | Au/313 | | | |
| 294309/11 | RO | Prep: 006,009,011,013,016 | | | | As/114 | | | |
| 294312 | SS | Prep: 007 | | | | As/114 | | | |
| 294312 | SS | | | | | Au/313 | | | |

B. Roxburgh
 Cyprus Gold Aust. Co.,
 P.O. Box 493
 North Sydney
 N.S.W. 2060

R. Fallick
 Cyprus Gold Aust. Co.,
 C/- Post Office
 Wilmot
 Tasmania 7310

REMARKS

| SYMBOL | ANALYST | PREPARATION | ANALYSIS — METHOD |
|--------|---------|-------------------------|----------------------------|
| VC | pe | solid acid | atomic absorption |
| SC | be | specific sulphide | x-ray fluorescence |
| CB | af | other mixed acids | spectrophotometry |
| SA | af | alkaline attack | calorimetry |
| SS | af | volatilization | chromatography |
| SP | af | precipitation | titration |
| SI | af | filtered powder - (XRF) | other chemicals means |
| SI | af | slow fusion (XRF) | miscellaneous |
| SI | af | | fluorescence |
| SI | af | | inductively coupled plasma |
| SI | af | | ICP |

[Handwritten signature]

030

403021

ANALABS

ANALYTICAL SERVICES & Co. Pty Ltd

ANALYTICAL DATA

| | | | | |
|--------------|----------|-------|---|---|
| 7.5.08.05906 | 03/01/88 | 03499 | 1 | 1 |
|--------------|----------|-------|---|---|

| | As | Au | Sb | | | | |
|-----------|-----|--------|-----|--|--|--|--|
| 294301 | 4 | <0.005 | - | | | | |
| 294302 | 3 | <0.005 | - | | | | |
| 294303 | 7 | <0.005 | - | | | | |
| 294304 | 16 | <0.005 | - | | | | |
| 294305 | 7 | <0.005 | - | | | | |
| 294306 | 10 | <0.005 | - | | | | |
| 294307 | 3 | 0.021 | - | | | | |
| 294308 | 110 | 0.038 | - | | | | |
| 294309 | 56 | <0.005 | 7.0 | | | | |
| 294310 | 87 | <0.005 | 6.0 | | | | |
| 294311 | 19 | <0.005 | 1.5 | | | | |
| 294312 | 4 | <0.005 | - | | | | |
| DETECTION | 1 | 0.005 | 0.5 | | | | |
| UNITS | PPM | PPM | PPM | | | | |
| METHOD | 114 | 313 | 117 | | | | |

ANALABS
[Signature]

ANALABS

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 52 Murray Road, Welshpool, W.A. 6106
 FAX: 004 51 8890

Telex AA92560

(09) 458 7999

ANALYTICAL REPORT No.

7.5.08.05744

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

B. Roxburgh
 Cyprus Gold Aust. Co.,
 P.O. Box 493
 North Sydney
 N.S.W. 2060

ORDER No. E03489 PROJECT DN 7111/12

DATE RECEIVED 26/09/88 RESULTS REQUIRED ASAP

| | | | |
|-------------------------|---------------|---------------|----------------------|
| No. OF PAGES OF RESULTS | DATE REPORTED | No. OF COPIES | TOTAL No. OF SAMPLES |
| 1 | 17/10/88 | 1 | 16 |

| STATE OF SAMPLES | REFER BELOW | SAMPLE NUMBERS | PRE-TREATMENT | | | | | | ANALYSIS | | | | |
|------------------|-------------|----------------|---------------|--------------|-------|------------|-------|-------------------|----------|---------------------------|--------------------|--------|--|
| | | | DRY | CRUSH | SPLIT | PUL-VERISE | SIEVE | OTHER SEE REMARKS | NONE | REFER TO ANALYSIS SECTION | PREPARATION | METHOD | |
| | | 286751/66 | SS | rep: 007,016 | | | | | | | Cu, Pb/102, As/114 | | |
| | | 286751/68 | SS | | | | | | | | As/313, Sb/40 | | |

RESULTS TO

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 Cyprus Gold Aust. Co.,
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 North Sydney
 N.S.W. 2060

RESULTS TO

Cyprus Gold Aust. Co.,
 P.O. Box 230,
 Zeehan
 Tasmania 7469

REMARKS

| STATE OF SAMPLES | ANALYSIS — PREPARATION | | | | ANALYSIS — METHOD | | |
|---|--|---|--|--|--|---|---|
| shale silt core cutting rock oil pulp water tissue stream sediment heavy mineral | WC SC CU Ro SO PU WA TI SS HM | perchloric acid hydrochloric acid nitric acid aqua regia nitric-perchloric HF mixture HF under pressure fusion | A1 A2 A3 A4 A5 A6 A7 A8 | cold acid specific sulphide other mixed acids alkaline attack volatilization ignition pressed powder (XRF) glass fusion (XRF) | CA SS Ma AA VO IG PP GF | atomic absorption x-ray fluorescence spectrophotometry colorimetry chromatography titration other chemical means miscellaneous fluorescence inductively coupled plasma | AAS XRF SPEC COL CHR TTN CHEM MISC FLUOR ICP |

ANALABS

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| SAMPLE PREFIX | | REPORT NUMBER | | | | | REPORT DATE | CLIENT ORDER No. | PAGE | |
|---------------|-------------|---------------|-----|-----|--------|-----|-------------|------------------|--------|--|
| | | 7.5.08.00744 | | | | | 17/10/88 | E03489 | 1 OF 1 | |
| TUBE No. | SAMPLE (No) | Cu | Pb | As | Al | Sb | | | | |
| 1 | 286751 | 12 | 31 | 15 | 0.010 | <3 | | | | |
| 2 | 286752 | 13 | 26 | 38 | 0.010 | 4 | | | | |
| 3 | 286753 | 18 | 4 | 3 | <0.005 | <3 | | | | |
| 4 | 286754 | 24 | 17 | 5 | 0.010 | <3 | | | | |
| 5 | 286755 | 24 | 37 | 5 | <0.005 | <3 | | | | |
| 6 | 286756 | 33 | 22 | 7 | 0.005 | <3 | | | | |
| 7 | 286757 | 21 | 35 | 17 | <0.005 | <3 | | | | |
| 8 | 286758 | 27 | 44 | 17 | <0.005 | 4 | | | | |
| 9 | 286759 | 34 | 42 | 15 | <0.005 | 3 | | | | |
| 10 | 286760 | 50 | 44 | 17 | <0.005 | <3 | | | | |
| 11 | 286761 | 39 | 43 | 13 | <0.005 | <3 | | | | |
| 12 | 286762 | 46 | 39 | 15 | <0.005 | 3 | | | | |
| 13 | 286763 | 35 | 26 | 7 | <0.005 | <3 | | | | |
| 14 | 286764 | 50 | 40 | 8 | <0.005 | <3 | | | | |
| 15 | 286765 | 11 | 1 | 4 | <0.005 | <3 | | | | |
| 16 | 286766 | 8 | 22 | 82 | 0.030 | <3 | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | DETECTION | 1 | 1 | 1 | 0.005 | 3 | | | | |
| 24 | UNITS | PPM | PPM | PPM | PPM | PPM | | | | |
| 25 | METHOD | 102 | 102 | 114 | 313 | 401 | | | | |

Results in ppm unless otherwise specified
 T = element present; but concentration too low to measure
 X = element concentration is below detection limit.
 - = element not determined

AUTHORISED OFFICER 

APPENDIX 2
WOODY HILL WORKINGS ANALYTICAL RESULTS AND SAMPLE DATA

ANALABS

403020

A division of MacDonal Hamilton & Co. Pty. Ltd.

Phone (09) 458 7999

52 Murray Road, Welshpool, W.A. 6106

Telex AA92560

FAX: 004 31 8870

ANALYTICAL REPORT No. 7.5.08.04902

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

ORDER No.

PROJECT

B. Roxburgh
Cyprus Minerals
P.O. Box 493
North Sydney
N.S.W. 2060

DESP 3466

DATE RECEIVED

RESULTS REQUIRED

09/11/87

ASAP

No. OF PAGES OF RESULTS

DATE REPORTED

No. OF COPIES

TOTAL No. OF SAMPLES

4

23/11/87

1

63

| STATE OF SAMP | REFER BELOW | SAMPLE NUMBERS | PRE-TREATMENT | | | | | | ANALYSIS | | | | |
|---------------|-------------|----------------|----------------------------------|-------|-------|-----------|-------|-------------------|----------|---------------------------|------------------------|--------|--|
| | | | DRY | CRUSH | SPLIT | PULVERISE | SIEVE | OTHER SEE REMARKS | NONE | REFER TO ANALYSIS SECTION | PREPARATION | METHOD | |
| | various | | RC Prep: 006,101,011,012,013,016 | | | | | | | | Cu,Pb,Zn,Ag/101,As/114 | | |
| | various | | RC | | | | | | | | Sr/401,Ag/313 | | |
| | various | | RC Prep: 006,101,011,012,013,016 | | | | | | | | Pb,Zn,Ag/104 | | |

REMARKS

RESULTS TO

B. Roxburgh
Cyprus Minerals
P.O. Box 493
North Sydney
N.S.W. 2060

RESULTS TO

| STATE OF SAMPLES | ANALYSIS | PREPARATION | ANALYSIS | METHOD | | | |
|------------------|----------|-------------------|----------|----------------------|----|------------------------------|-------|
| whole core | WC | perchloric acid | A1 | cold acid | CA | atomic absorption | AAS |
| split core | SC | hydrochloric acid | A2 | specific sulphide | SS | x-ray fluorescence | XRF |
| cutting | CU | nitric acid | A3 | other mixed acids | MA | spectrophotometry | SPEC |
| rock | RO | aqua regia | A4 | alkaline attack | AA | colorimetry | COL |
| | SO | nitric-perchloric | A5 | volatilization | VO | chromatography | CHR |
| | PU | HF mixture | A6 | ignition | IG | titration | ITN |
| water | WA | HF under pressure | A7 | pressed powder (XRF) | PP | other chemical means | CHEM |
| tissue | TI | fusion | A8 | glass fusion (XRF) | GE | miscellaneous (fluorescence) | MISC |
| stream sediment | SS | | | | | inductively coupled plasma | FLUOR |
| heavy mineral | HM | | | | | | ICP |

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086

403027

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ANALYTICAL DATA

SAMPLE PREFIX

REPORT NUMBER

REPORT DATE

CLIENT ORDER No.

PAGE

| | | 7.5.08.04902 | | | | 23/11/87 | | | | 3 OF 6 | |
|----------|------------|--------------|----|----|-----|----------|----|-----|-------|--------|--|
| TUBE No. | SAMPLE No. | Cu | Zn | Zn | As | Ag | Ag | Ba | Au | Fb | |
| 1 | 217292 | 10 | 35 | - | 150 | <0.5 | - | 210 | 0.095 | 30 | |
| 2 | 217293 | 5 | 85 | - | 150 | <0.5 | - | 277 | 0.020 | 20 | |
| 3 | 217294 | 15 | 40 | - | 120 | <0.5 | - | 157 | 0.105 | 25 | |

| | | | | | | | | | | |
|----|-----------|-----|-----|------|-----|-----|-----|-----|-------|-----|
| 22 | | | | | | | | | | |
| 23 | DETECTION | 5 | 5 | 0.01 | 1 | 0.5 | 2 | 10 | 0.005 | 5 |
| 24 | UNITS | PPM | PPM | % | PPM | PPM | PPM | PPM | PPM | PPM |
| 25 | METHOD | 101 | 101 | 104 | 114 | 101 | 104 | 401 | 313 | 101 |

Results in ppm unless otherwise specified.
 - element present but concentration too low to measure
 - element concentration is below detection limit
 - element not determined

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