

**MICROFILMED**

THE ALBERTON GOLDFIELD

E L 23/82

ANNUAL REPORT, MAY 1987

OCEANIA TASMANIA PTY.LTD.

**MICROFILMED**

INTRODUCTION:

This report covers the work to date which future mill development instigated this year, to be completed next year, has been based. The site for the trial mill and proposed permanent mill, near the Ringarooma United Mine, has been cleared of blackberries and man ferns. The clearing reveals a three level original mill site complete with a rotary mill dated April 21st, 1889, and a set of stamps dated 1898, made at the Salisbury Foundry, Launceston. The original roads to the site have been cleared and they will be regraded at the same time as the heavy hammer mill is put in place on the mill site. Mr. David Jennings (Mines Department) has inspected the proposed mill site and original roads which will be upgraded and has outlined the Mines Department's requirements. The mill will be used not only to trial sample the Ringarooma United Mine and mines on the Alberton field but will be used to sample the ore from the Brilliant Creek Exploration Licence 24/82. Mr. Peter James of the Launceston Mines Department has indicated he would be able to assist Oceania Tasmania Pty.Ltd., in determining grade recoveries for the field.

SUMMARY OF WORK CARRIED OUT TO DATE.

Since the granting of E L 23/82, the field has been totally re-prospected, locating all old workings, re-opening access to the workings, both on the surface (track cutting) and under ground (rock fall clearing). The response of the *Lodes* ~~roads~~ to modern geophysical techniques was determined, <sup>t</sup>uram being the best tool for finding these ~~roads~~ <sup>Lodes</sup>. The ~~roads~~ <sup>Lodes</sup> were then channel sampled to the largest extent practically possible and further to this the ~~roads~~ <sup>Lodes</sup> were tested with a dolly pot and pan. The results of these tests showed a need for larger samples to be tested to obtain a really reliable idea of the potential of the field. Mr. Paul Roberts, (Goldfields Exploration) and Mr. Ken Morrison, (contracting to John Davidson), have been notified of the construction of a trial mill and have been offered the use of the facility should they need it to enhance their own exploration efforts in the adjacent areas. Renison has also been given permission to map the Alberton field as part of their total programme for the Waterhouse-Mangana gold belt, the only condition being that a map be supplied to Oceania Tasmania Pty.Ltd. This map will be forwarded to the Mines Department in the next quarterly report as it is currently being drafted by Renison.

OCEANIA TASMANIA PTY.LTD.

QUARTERLY REPORT

ALBERTON GOLDFIELD

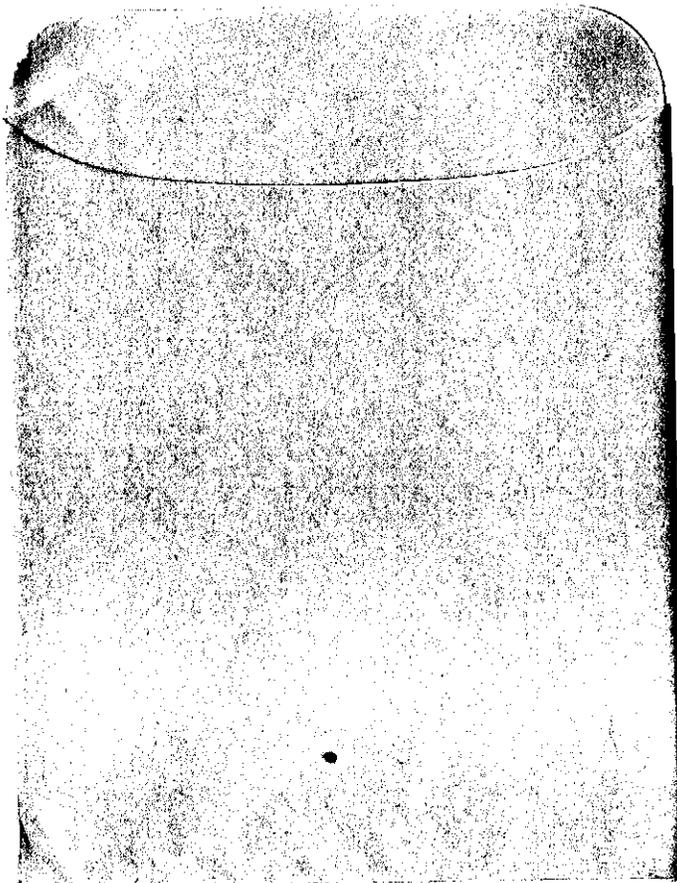
EL 23/82.

SEPTEMBER

1987

**MICROFILMED**

**OPEN FILE**



INTRODUCTION:

The licence was renewed by the Minister upon recommendation of A. Murchie, on the 7th July, 1987, following discussions with Mark Dwyer, David Duncan and David Jennings and a subsequent visit by David Jennings to the field area. Peter Rayner, (Oceania Tasmania's Engineering Management Consultant), Malcolm Bendall (Exploration Manager) and Danny Semmens, (Chief Field Supervisor) were present at the field inspection at which environmental concerns and proper consultation procedures with the Mines Department were discussed. It was agreed that detailed plans of any operation would be supplied before initiation of any operation.

The Mines Inspector for the area, Mr. Dempster, has been informed of the proposal and has stated that he would be happy to inspect the proposed operational site once we were nearing a start to the project. Duplicates of the plans supplied herein have been sent to Mr. Dempster for his comment.

OUTLINE:

Over the last four years Oceania Tasmania Pty.Ltd. has undertaken (as summarized in the 1987 Annual Report), a systematic soundly based and founded programme which has taken a previously abandoned gold mining district and proved economic grades in the assaying programme. Geophysical methods for locating the gold lodes and alluvial deposits were also determined.

Having in those four years overspent the minimum expenditure requirement and spent a total of one solid year in the field doing work which at the time (because of the low gold price) other Companies would not risk capital upon. Since the rise in gold price implied the field to be economic at the grades determined by Oceania Tasmania Pty.Ltd!'s work. Steps were taken to extract trial samples to prove or disprove the viability of the Quartz lodes bearing gold. These steps were initiated by a letter to the Director of Mines, dated 19th May, 1986, requesting permission to take samples from the old workings and notifying the department that equipment had been purchased to do so.

In the summer period of 1987, Peter James of the Launceston Mines Department was consulted and indicated that he could undertake the necessary assay work and trial cyanide tests. Danny Semmens was appointed Chief Field Supervisor and equipment was arranged to be hired through John McCormack, (St. Helens) who also consented to supervise the road clearing and earth moving operations which would be done with his equipment.

Michael Ruane, a Perth based small Gold Mining entrepreneur, was contacted and informed us about many of the development aspects of small gold mining, information which is deficient in Tasmania. He also has contract miners who were well versed in "state of the art" small mining techniques and equipment, charging \$100 per tonne to extract the ore.

Appendix 1 contains the plan of Hazell Bros. mobile Mill which is capable of crushing to fine sand 100 tonnes per hour. The Mill site and roadways have been cleared by Danny Semmens (inspected by David Jennings of the Mines Department) to accommodate the Mobile Mill which will be installed dependant upon favourable samples being extracted.

In the initial sampling period the Mill site will be used as a storage area for the initial small 10 tonne sample. The ore will then be removed from the site (as suggested by Mr. Dempster) and taken to be crushed in Hobart and samples of the results sent to the Launceston Department of Mines for assay.

#### PAST SAMPLING SITES

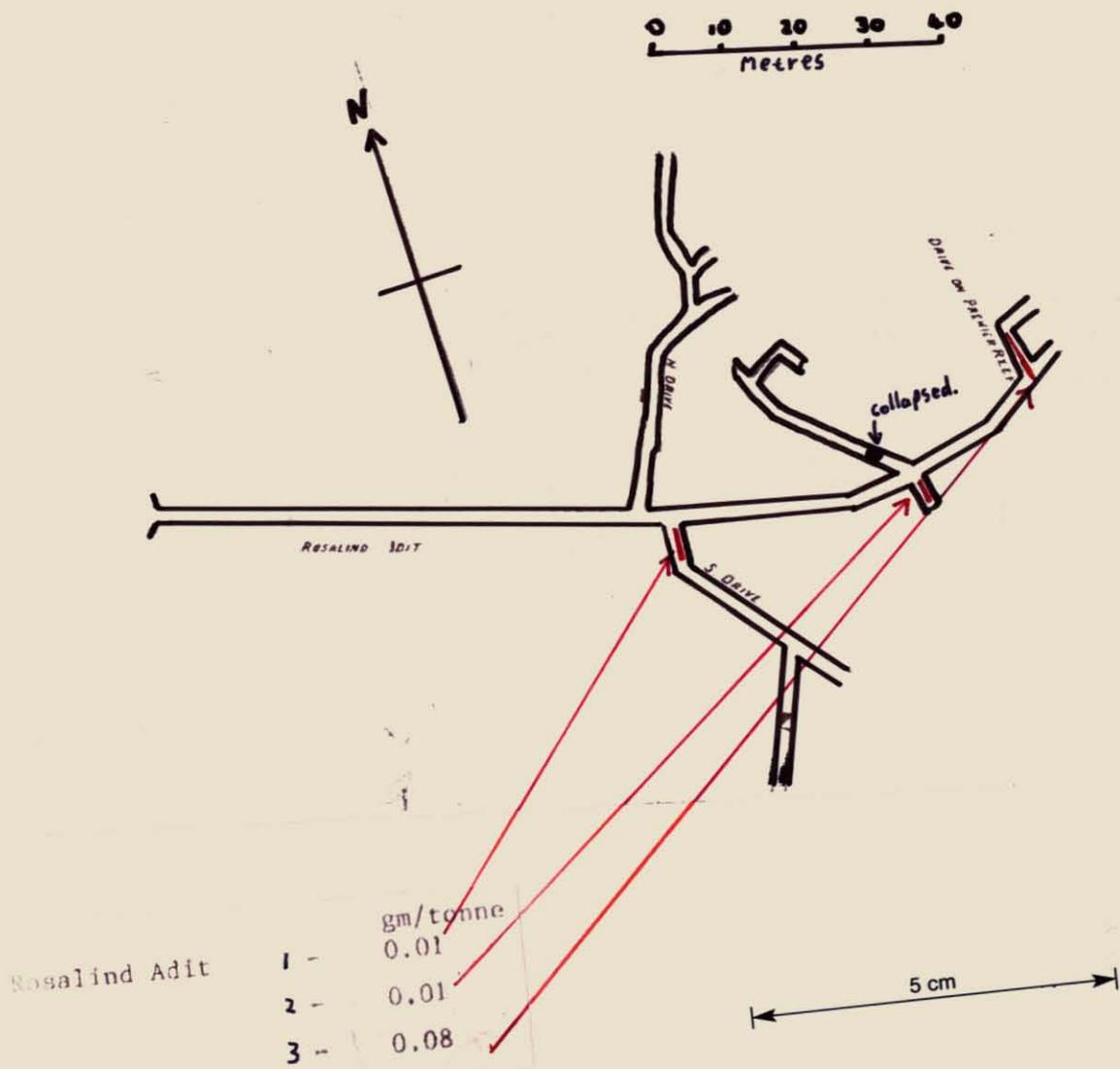
Included are diagrams 1-12 of the exact positions of previously "mined" samples, also marked are the sample positions intended for the future sampling programme 13-14.

Included in Appendix 2 of this report, please find geological map, assay, sheet and letter provided by Paul Roberts of Goldfields Exploration under a previous agreement and being presented here as part of the previous years work commitment undertaken on behalf of Oceania Tasmania Pty.Ltd. Permission for Goldfields to undertake the work was given so they could get an unobstructed regional view of the geology to help in their prospect evaluation of the exploration licences surrounding the Alberton Goldfield; the benefit to Oceania Tasmania Pty.Ltd. was additional geological and geochemical work committed to the Alberton field itself.

007

920008

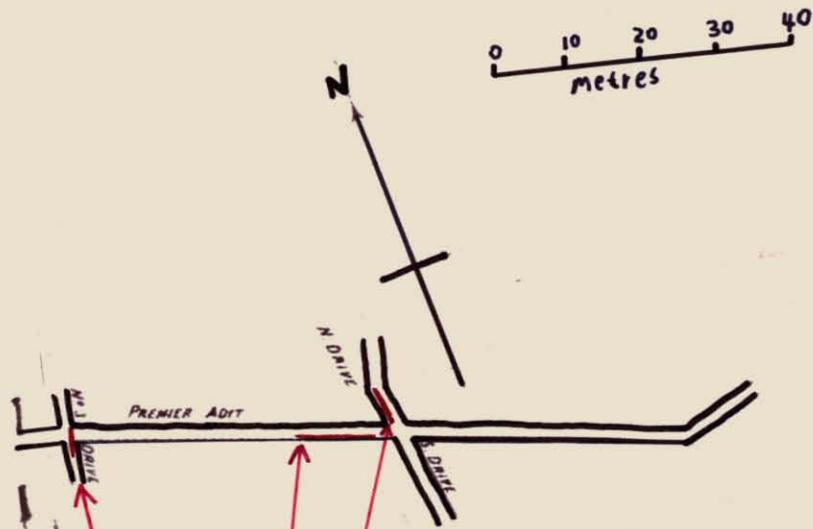
DIAGRAM 1 - ROSALIND ADIT  
Previous Sample Location.



008

920009

DIAGRAM 2. - PREMIER ADIT  
Previous Sample Location.



B - Premier Adit

- 0.63
- 0.09
- 0.09

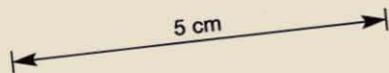
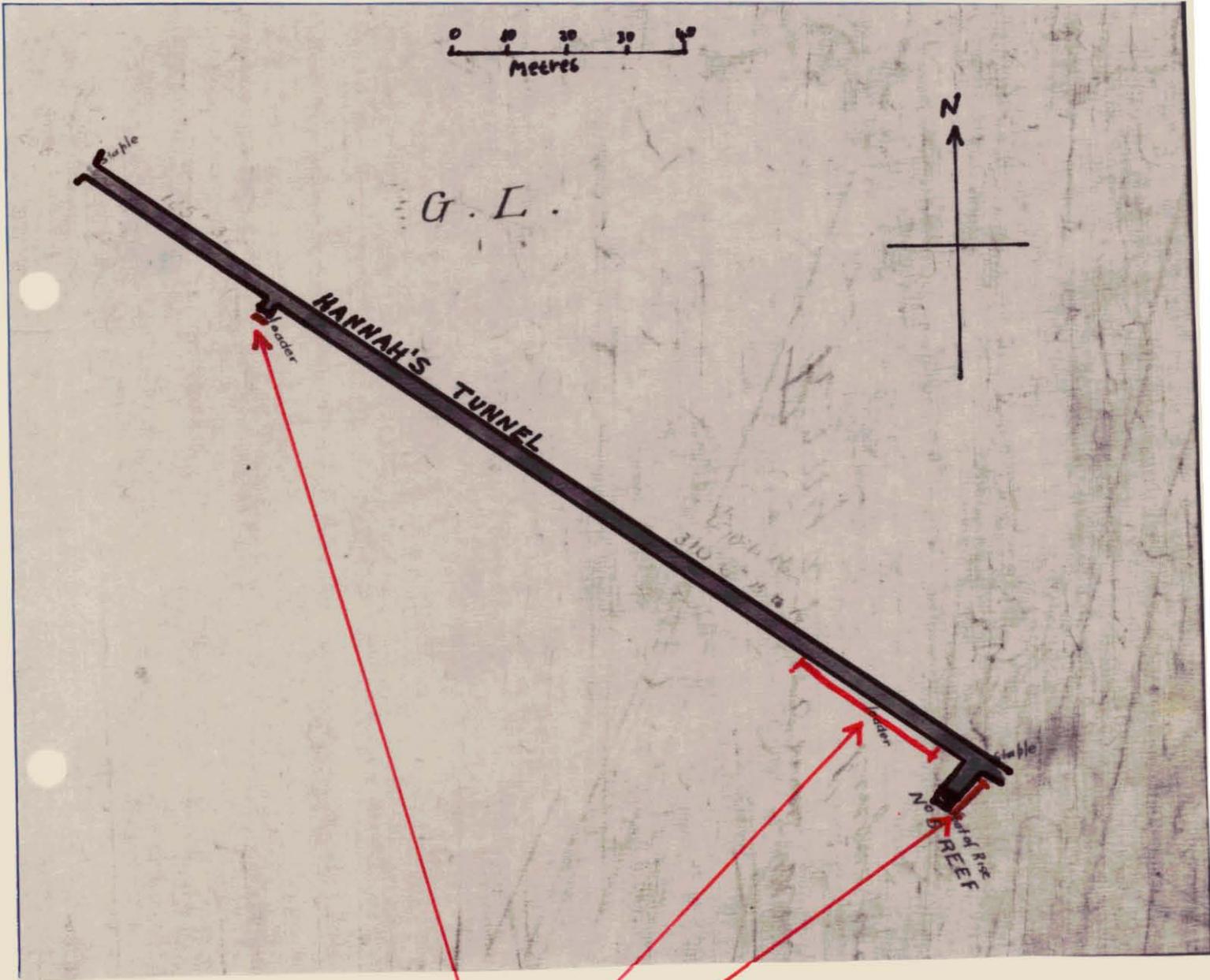


DIAGRAM 3. - HANNAH ADIT

Previous Sample Location.



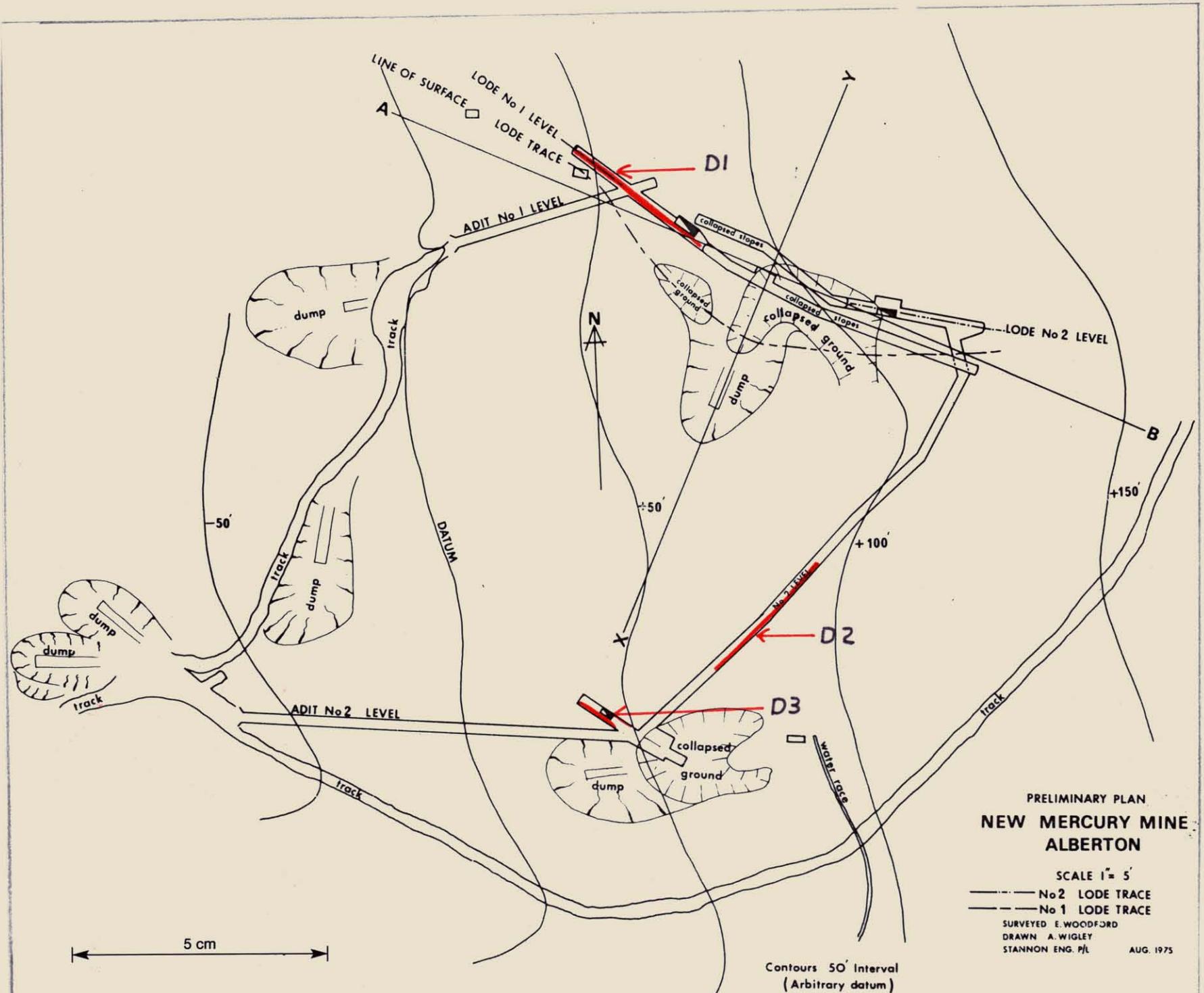
Hannah Adit

- 1 - 0.09
- 2 - 0.01
- 3 - 4.60

5 cm

DIAGRAM 4. - MERCURY ADIT

Previous Sample Location



PRELIMINARY PLAN  
**NEW MERCURY MINE**  
**ALBERTON**

SCALE 1" = 5'  
 - - - - - No 2 LODE TRACE  
 ———— No 1 LODE TRACE  
 SURVEYED E. WOODFORD  
 DRAWN A. WIGLEY  
 STANNON ENG. P/L AUG. 1975

Contours 50' Interval  
 (Arbitrary datum)

5 cm

DIAGRAM 5. - CROSSLODE

Previous Sample Location.

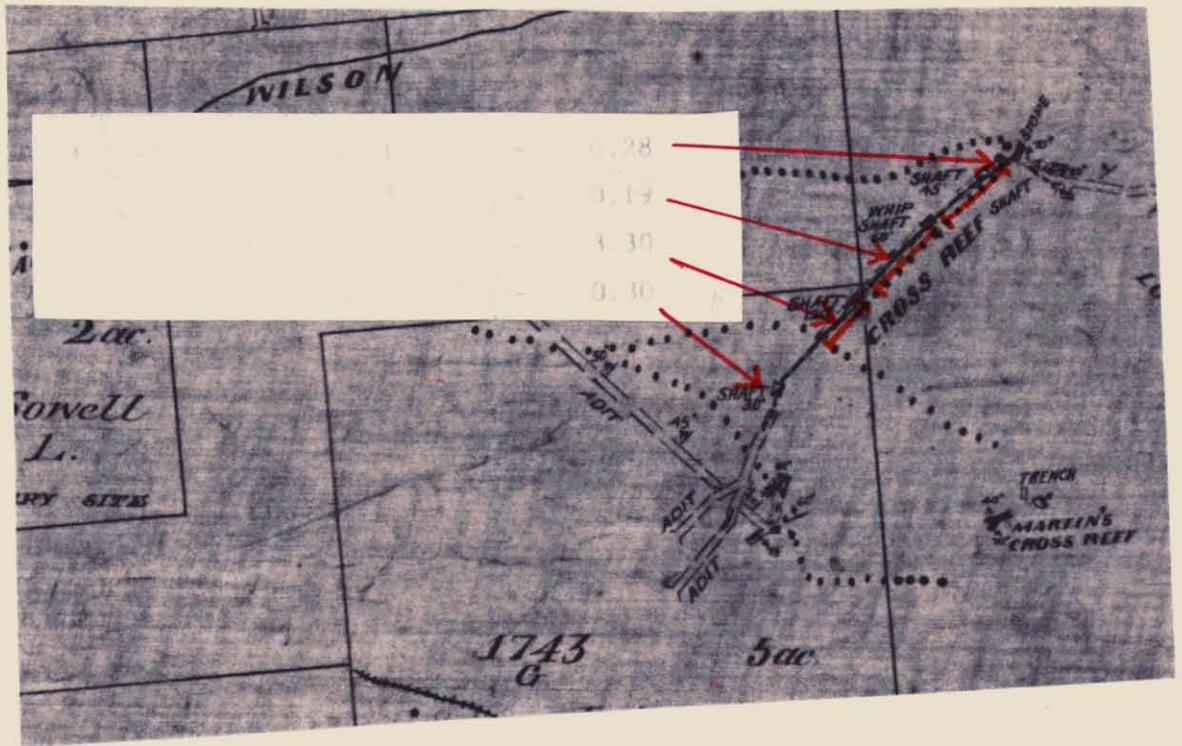


DIAGRAM 6. - CANNON

Previous Sample Location

Cannon  
Cannon

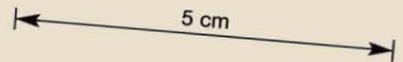
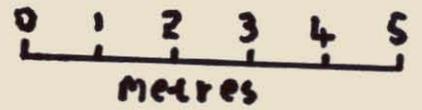
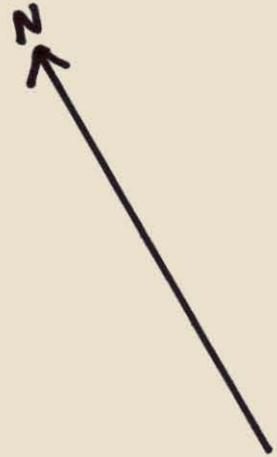
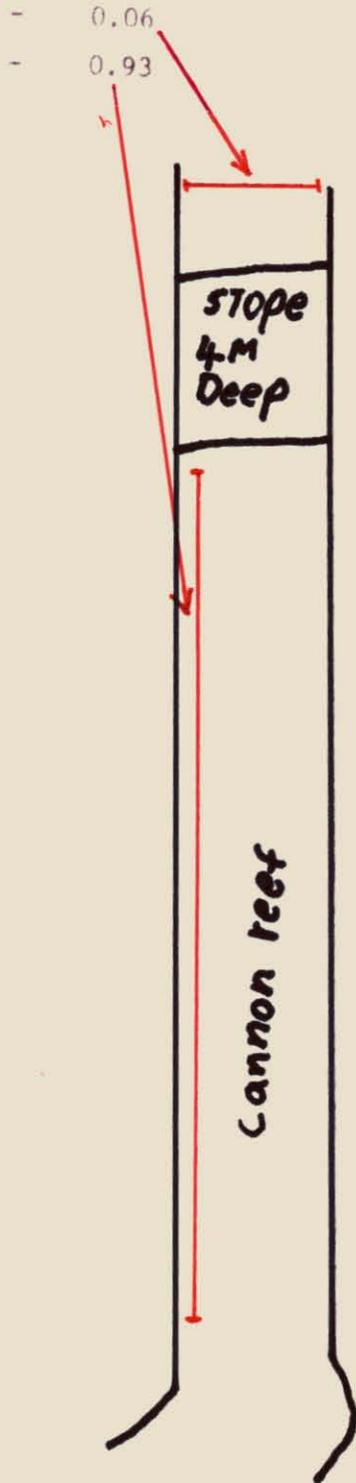


DIAGRAM 7. - BATTERY LODGE

Previous Sample Location.

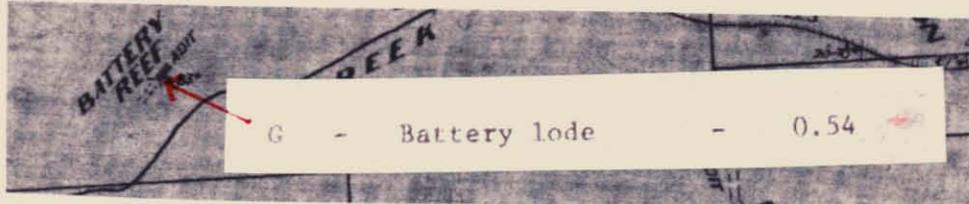


DIAGRAM 8. - TELEGRAPH ADIT

Previous Sample Location.

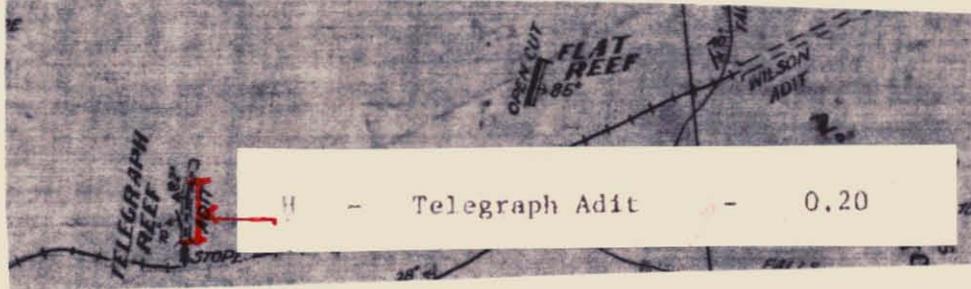


DIAGRAM 9. - POINT ADITS

Previous Sample Location.

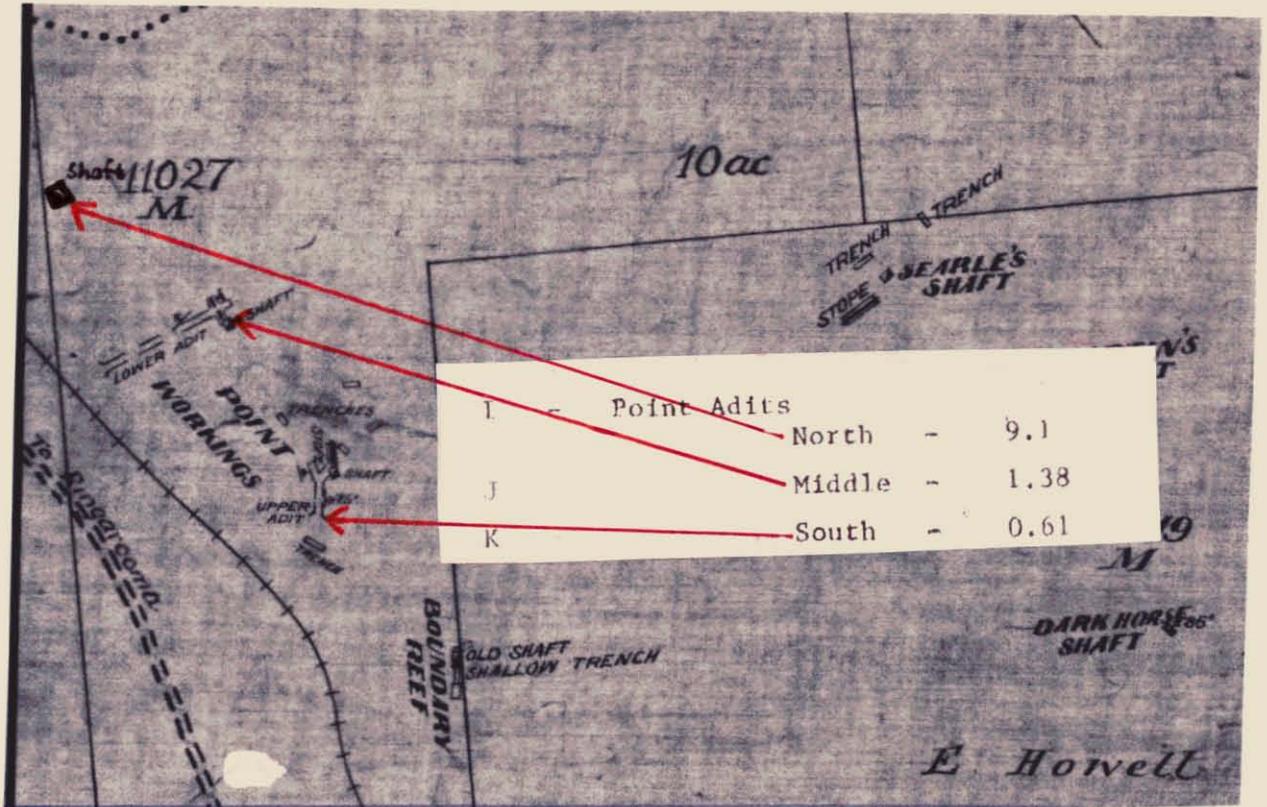


DIAGRAM 10 - MILL SITE

Previous Sample Location.

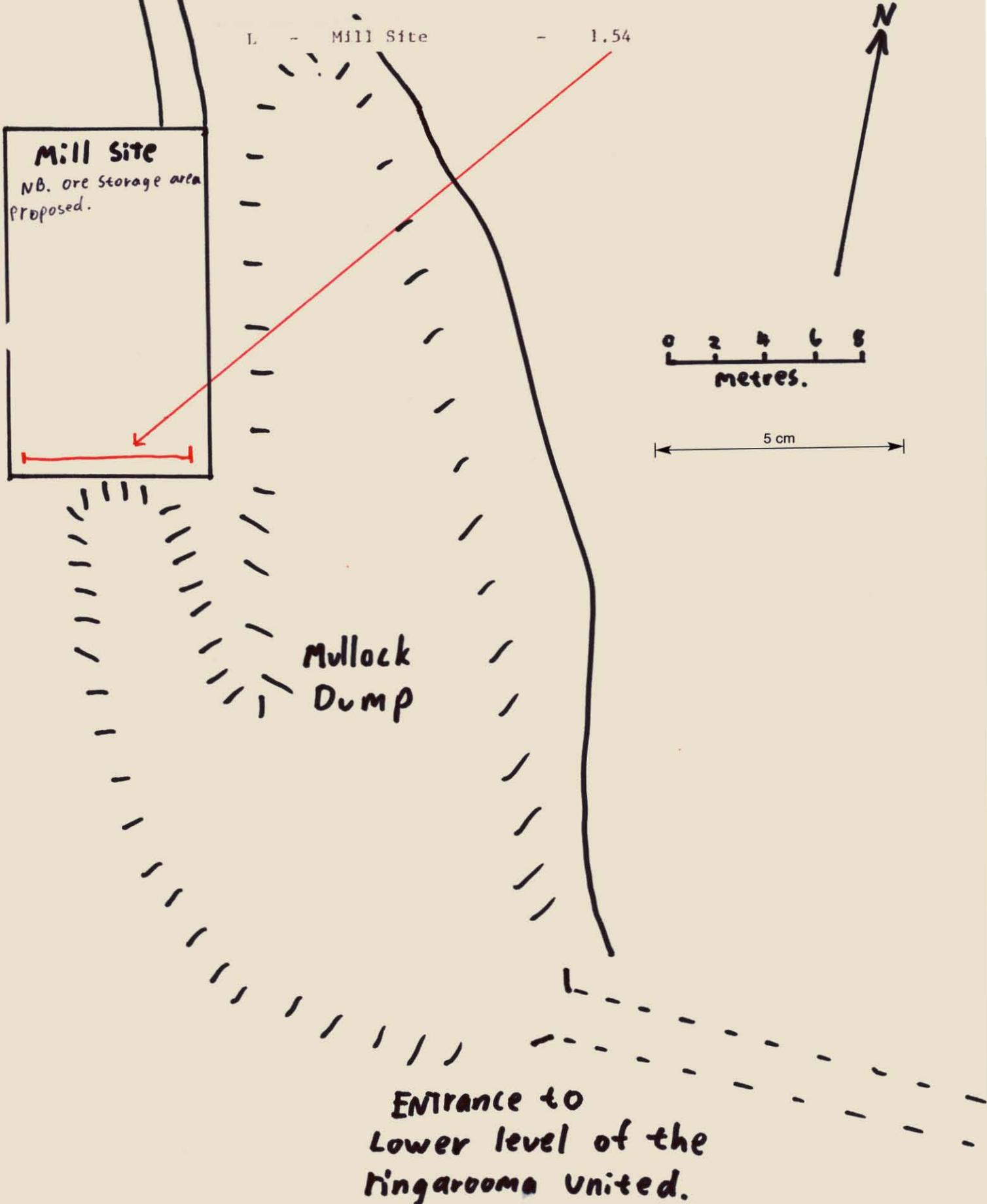


DIAGRAM 11. - DRUNKARDS DREAM

Previous Sample Location.

M - Drunkards Dream - 0.50

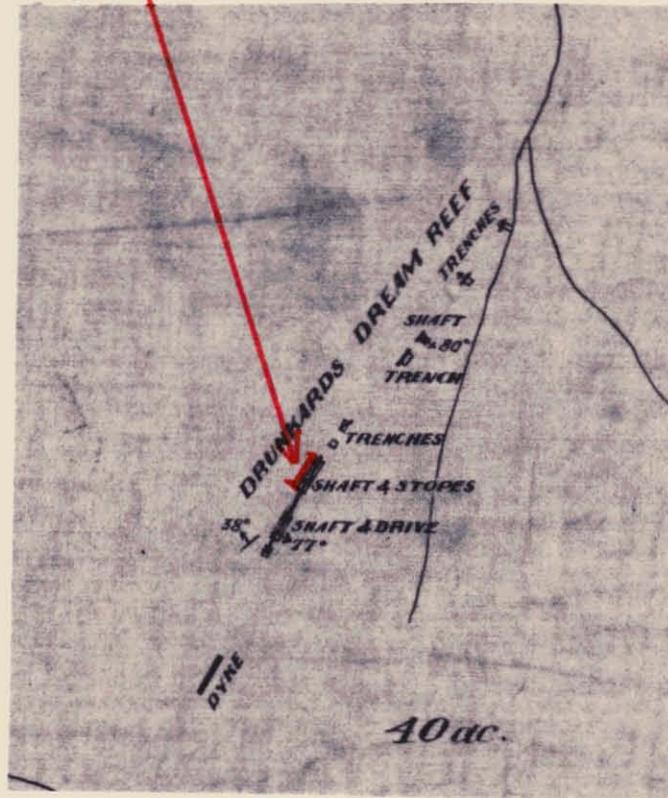


DIAGRAM 12 - MT. VICTORIA ADIT

Previous Sample Location.  
Point samples on remaining pillars



DIAGRAM 13. - Proposed sample location for the Ringarooma United Mine.  
 The rock fall in the tunnel will have to be removed before any sampling commences.

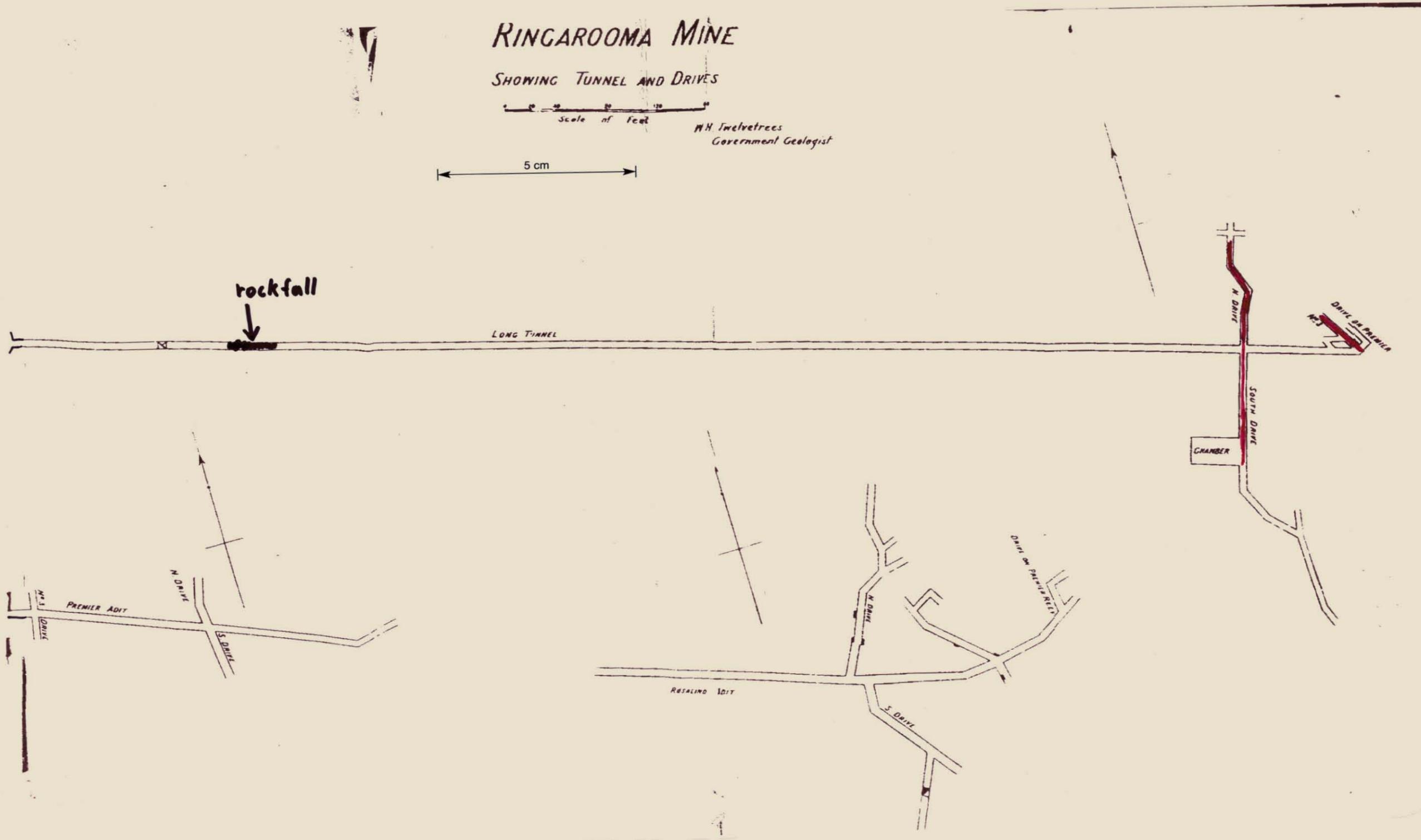
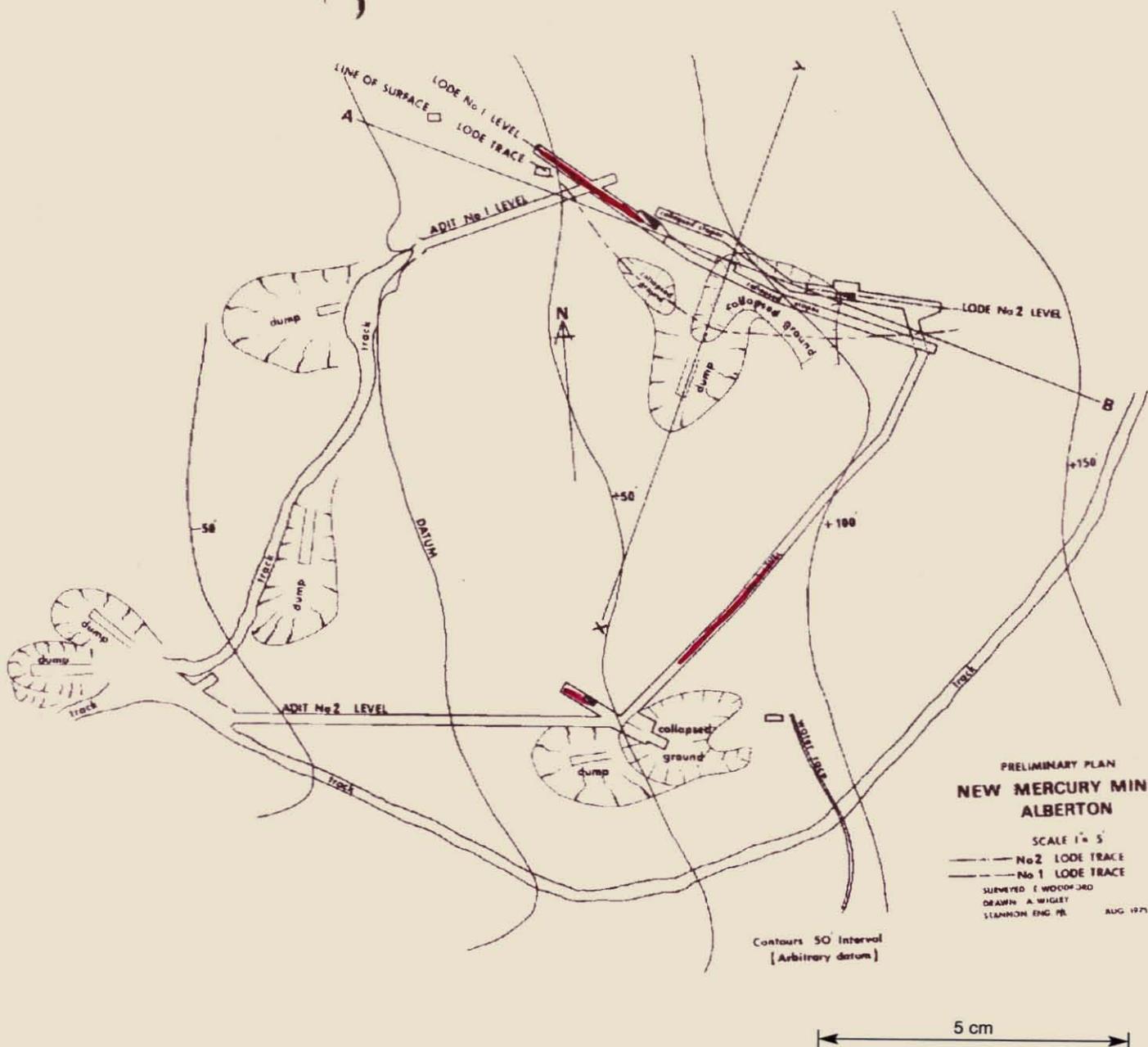


DIAGRAM 14. - Proposed sample location for the Mercury Mine.  
 De-watering of Adit No. 2 will have to be completed before sampling commences.

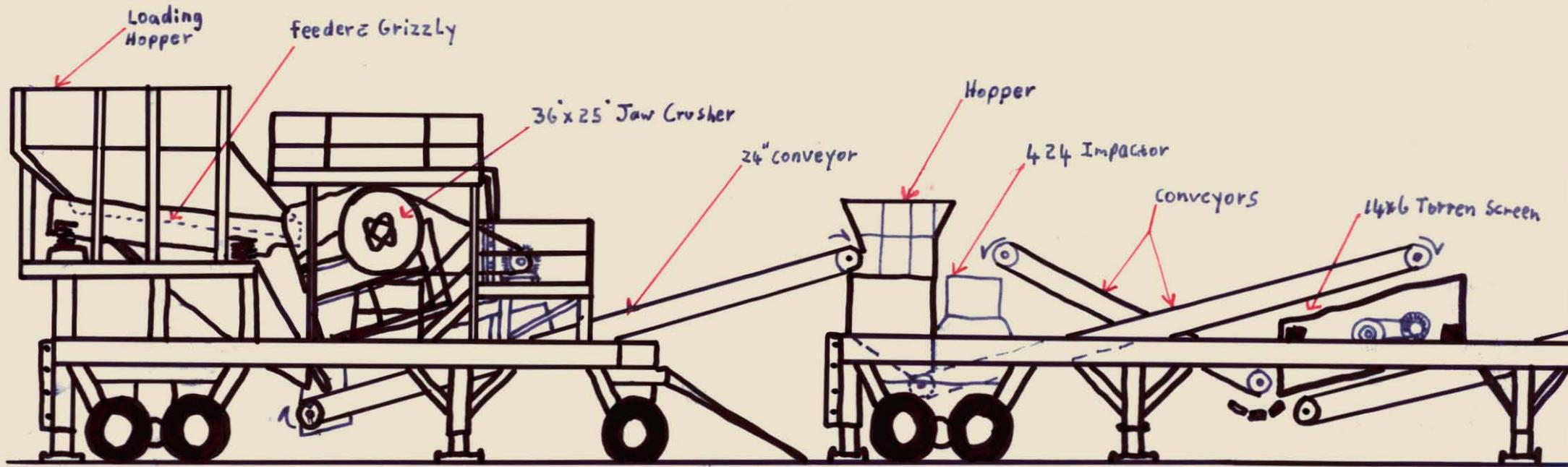


# APPENDIX I.

100.001

Proposed Mobile Mill (H.B.M.I) To Be Used If Trial Sampling proves Suitable Grades,

Mill capacity 1000 tonnes/Day



PRIMARY MODULE

SECONDARY AND SCREEN MODULE

**GOLD FIELDS EXPLORATION PTY. LIMITED**

(Incorporated in N.S.W.)

Division of Renison Goldfields Consolidated Limited

HEAD OFFICE:  
GOLD FIELDS HOUSE,  
SYDNEY COVE, SYDNEY,  
N.S.W. 2000  
TELEPHONE: 2 0512  
TELEX: AA20373

TASMANIAN OFFICE  
53 MAIN ROAD  
WIVENHOE  
BURNIE 7320

Telephone (004) 31 7711  
Telex GFEL AA 50301  
Address all correspondence to  
P.O. Box 835  
BURNIE 7320  
TASMANIA

PAR/9519/3

14th October, 1986

Mr. M. Bendall,  
84 Wells Parade,  
Blackman's Bay,  
Hobart,  
TASMANIA..7152

Dear Malcolm,

Attached please find assay details for two samples which I collected while I was in the field with you at Alberton in August. Sample details are as follows:

|       |   |
|-------|---|
| T4203 | Quartz veined siltstone, 5m west of Premier Reef in Premier Adit.     |
| T4204 | Quartz veined siltstone, Old Strahan Adit, 3 to 8m from the adit end. |

Regards,

P.A. Roberts,  
SENIOR REGIONAL GEOLOGIST

023

920024

# ANALABS

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

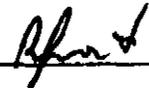
## ANALYTICAL DATA

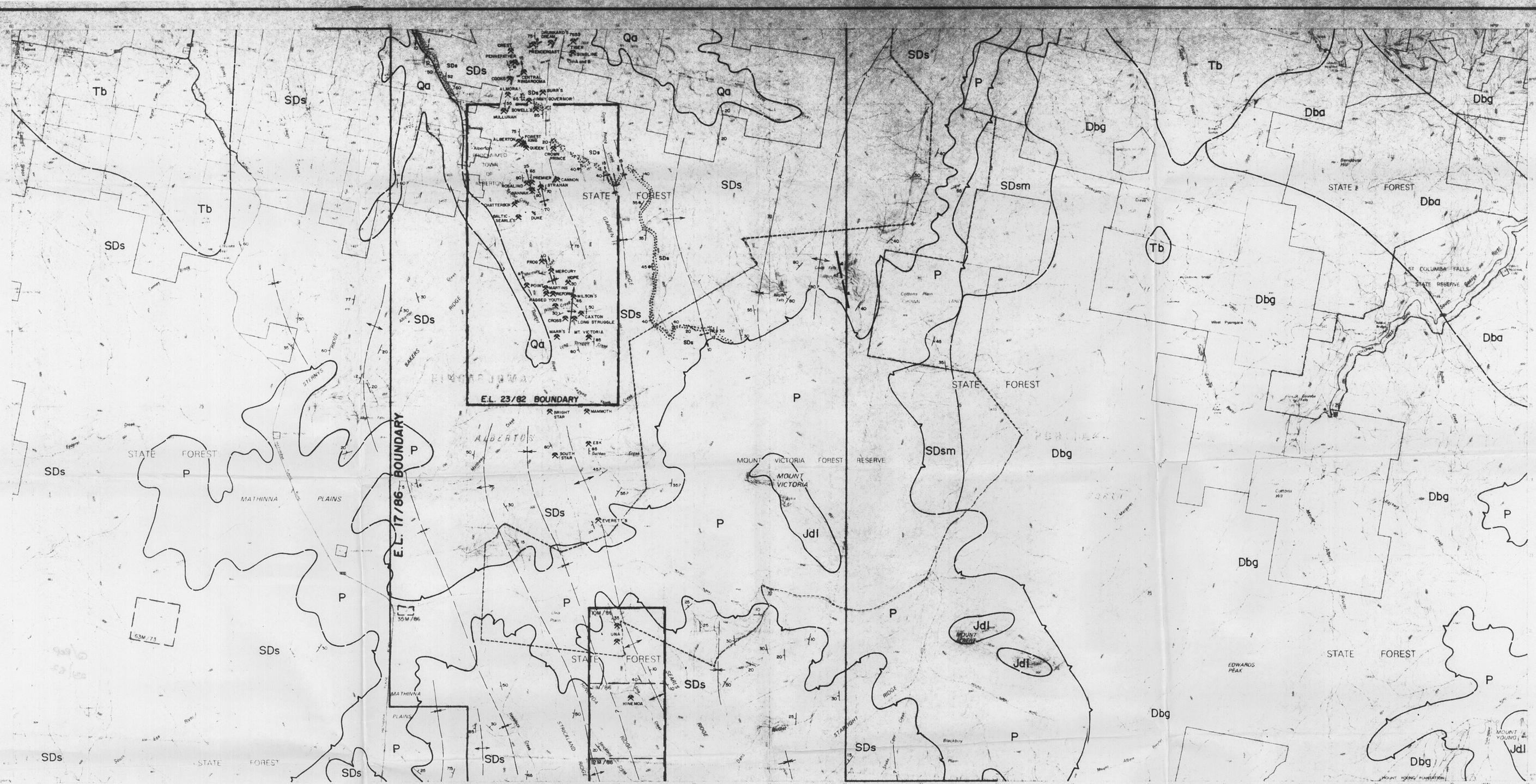
SAMPLE PREFIX      REPORT NUMBER      REPORT DATE      CLIENT ORDER No.      PAGE

95.1.08.03852      17/09/86      0404      1 of 1

| TUBE No. | SAMPLE No. | Cu  | Pb  | Zn  | Ag   | Bi  | Au    | Au   | As  |
|----------|------------|-----|-----|-----|------|-----|-------|------|-----|
| 1        |            |     |     |     |      |     |       |      |     |
| 2        |            |     |     |     |      |     |       |      |     |
| 3        | T 4203     | 15  | 25  | 35  | <0.5 | <10 | 0.317 | -    | 20  |
| 4        | T 4204     | 25  | 30  | 60  | <0.5 | <10 | 0.075 | -    | 25  |
| 5        |            |     |     |     |      |     |       |      |     |
| 6        |            |     |     |     |      |     |       |      |     |
| 7        |            |     |     |     |      |     |       |      |     |
| 8        |            |     |     |     |      |     |       |      |     |
| 9        |            |     |     |     |      |     |       |      |     |
| 10       |            |     |     |     |      |     |       |      |     |
| 11       |            |     |     |     |      |     |       |      |     |
| 12       |            |     |     |     |      |     |       |      |     |
| 13       |            |     |     |     |      |     |       |      |     |
| 14       |            |     |     |     |      |     |       |      |     |
| 15       |            |     |     |     |      |     |       |      |     |
| 16       |            |     |     |     |      |     |       |      |     |
| 17       |            |     |     |     |      |     |       |      |     |
| 18       |            |     |     |     |      |     |       |      |     |
| 19       |            |     |     |     |      |     |       |      |     |
| 20       |            |     |     |     |      |     |       |      |     |
| 21       |            |     |     |     |      |     |       |      |     |
| 22       |            |     |     |     |      |     |       |      |     |
| 23       | DETECTION  | S   | S   | S   | 0.5  | 10  | 0.008 | 5.00 | 2   |
| 24       | UNITS      | PPM | PPM | PPM | PPM  | PPM | PPM   | PPM  | PPM |
| 25       | METHOD     | 101 | 101 | 101 | 101  | 101 | 309   | 310  | 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 



PRECISION: Mapping Division, Land Department, Hobart. ACCURACY: Horizontal 8% of wall height, vertical 1% of wall height. SCALE: 1:25,000. DATE: 1978. REVISION: A. A new north-south line is introduced for the survey. (See notes on map.)

PROJECTION: Mapping Division, Land Department, Hobart. ACCURACY: Horizontal 8% of wall height, vertical 1% of wall height. SCALE: 1:25,000. DATE: 1978. REVISION: A. A new north-south line is introduced for the survey. (See notes on map.)

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**QUATERNARY**  
Qa River alluvium  
Tb Sub-basaltic gravels, sands, muds  
Tb Basalt

**JURASSIC**  
Jd1 Dolerite

**PERMIAN**  
P Sandstone and conglomerate

**LATE DEVONIAN TO EARLY CARBONIFEROUS**  
Da Granite - adamellite  
Dd Biotite - hornblende Granodiorite

**ORDOVICIAN TO DEVONIAN P**  
SDsm Contact Metamorphosed Mathinna Beds  
SDs Mathinna Beds: Turbiditic sequence of quartzwacke, siltstone, mudstone, shale

Da: Scottsdale Batholith  
Db: Blue Tier Batholith

**LEGEND**

Primary road with route number  
Secondary road with route number  
Minor road with route number  
Other road  
Rural roads with bridge  
Other roads with bridge  
Walking track or horse trail (approximate position) with bridge  
Railway with station. Places entered in National Lists Register  
Power transmission line and pylon stations  
Building. Features of historic or special interest. Ruin. Mine  
Post office. Public station. Fire station. School

**BOUNDARIES**

Swamp  
Windbreak  
Wire mesh Subject to flooding  
Washed Riprap  
Roadside shoulder or footbank. Lower  
Tide marks or surge. Offshore reef  
Navigation light or light-house. Exposed wreck  
Sand. Tide reef  
Siltstone covered flat. Tide flat  
Jetty. Launching ramp

**GEOLOGICAL SYMBOLS**  
(Generally as per BMR System, 1963  
Ref: Field Geologists Manual, A1MM Monograph No.9)

Dip/Strike of sedimentary layering  
Dip/Strike of sedimentary layering with younging direction indicated  
Dip/Strike of cleavage  
Direction and plunge of tectonic fold axis  
Fault. Teeth on underthrust block indicating direction of dip of fault plane

**UNIVERSAL GRID REFERENCE**

920025

5 cm

025

87-2666a

**GOLD FIELDS EXPLORATION PTY. LIMITED**

E.L. 17/86

VICTORIA SHEET

INTERPRETIVE GEOLOGY AND OLD MINE WORKINGS

SCALE 1:25,000

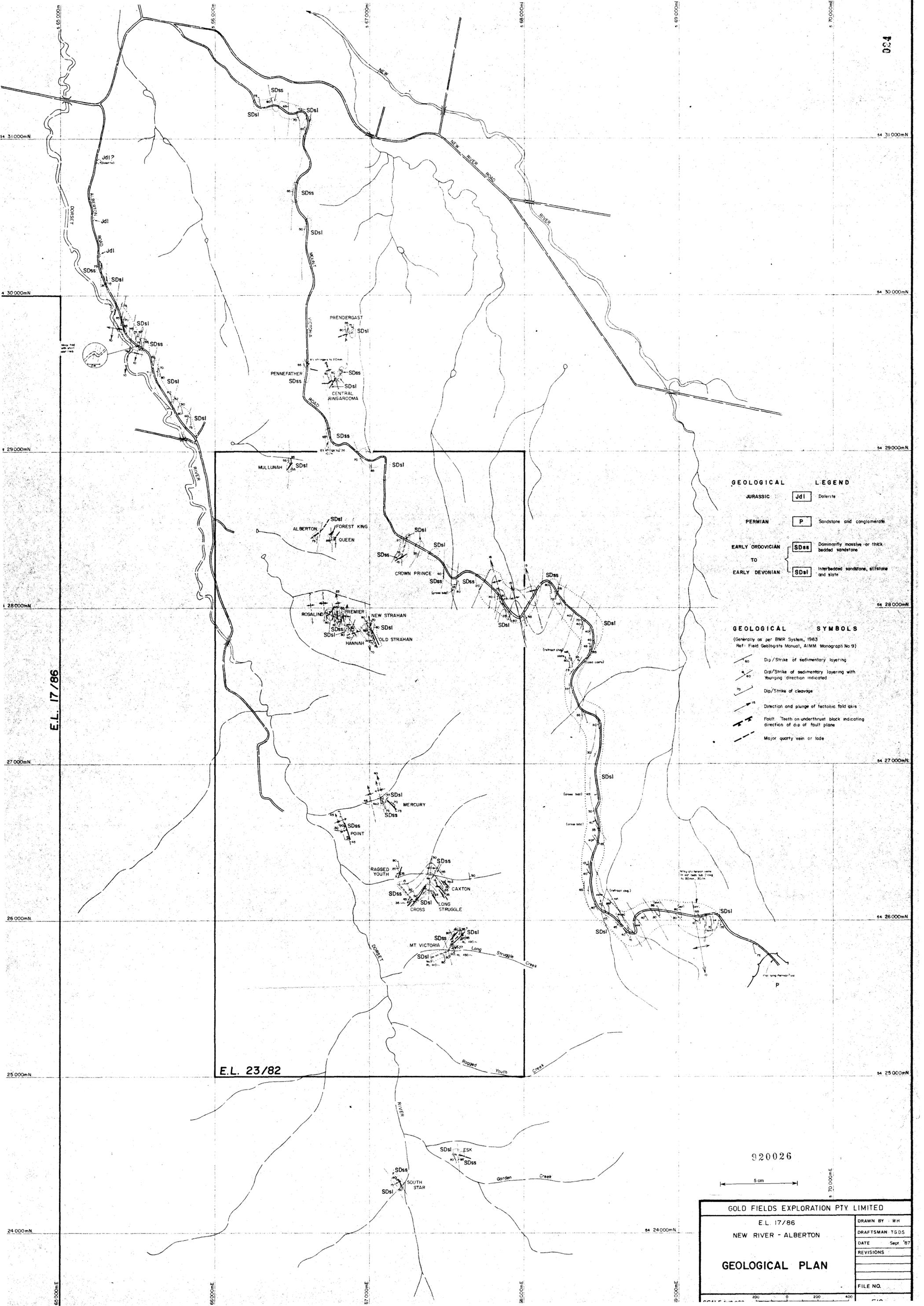
**INDEX TO ADJOINING MAPS**

SPRINGSFIELD 5643  
MAURICE 5642  
BEN NEVINS 5641

RINGAROOMA 5645  
VICTORIA 5644  
SACREBACH 5646  
Upper E.L. 5645

IN LIE THEN 5644  
PYRENEAN 5641  
BRILLIANT 5641

DRAWN BY W.H.  
DRAFTSMAN T.G.D.S.  
DATE Sep. 87  
REVISIONS  
FILE NO.  
FIG



**GEOLOGICAL LEGEND**

- JURASSIC: Jd1 Dolerite
- PERMIAN: P Sandstone and conglomerate
- EARLY ORDOVICIAN TO EARLY DEVONIAN: SDss Dominantly massive or thick bedded sandstone
- SDsl Interbedded sandstone, siltstone and slate

**GEOLOGICAL SYMBOLS**

(Generally as per BMR System, 1963  
Ref: Field Geologists Manual, A.I.M.M. Monograph No 9)

- Dip/Strike of sedimentary layering
- Dip/Strike of sedimentary layering with Younging direction indicated
- Dip/Strike of cleavage
- Direction and plunge of tectonic fold axis
- Fault: Teeth on underthrust block indicating direction of dip of fault plane
- Major quartz vein or lode

E.L. 17/86

E.L. 23/82

920026

5 cm

|   |  |
|---|--|
| GOLD FIELDS EXPLORATION PTY. LIMITED  |  |
| E.L. 17/86  |  |
| NEW RIVER - ALBERTON  |  |
| <b>GEOLOGICAL PLAN</b>  |  |
| DRAWN BY: WH<br>DRAFTSMAN: TG DS<br>DATE: Sept '87<br>REVISIONS:<br>FILE NO.: |  |