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SOLORIENS MINING PTY. LTD.

90-3207

MINES	
File Ref. E.L. 53/88	
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Action Officer	Initials
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CORRES.	18.12.00
Resubmit to	Date

11 Midland Highway,
BRIGHTON 7030
Tasmania

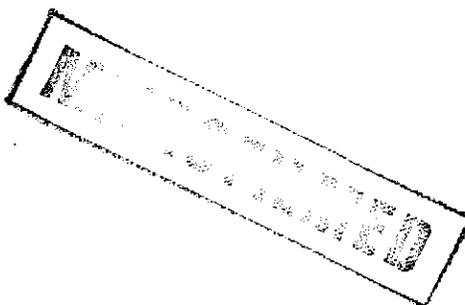
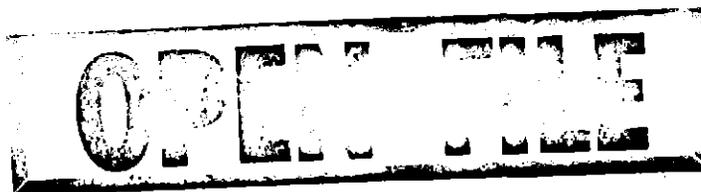
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EXPLORATION LICENCE 53/88 - MOUNT FRANKLAND

ANNUAL REPORT : YEAR 2

(6 January, 1990 - 5 January, 1991)



K.C. MORRISON

V. HOFTO

December 1990

90-3207

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TENEMENT INFORMATION**417004**

Exploration Licence EL 53/88 is a 128km² tenement in the region of Mt Frankland and Mt Balfour, western Tasmania (Figure 1 & Plan 1).

The licence was originally granted on 9 January 1989 for an area of 245km². The results of Year 1 work led to a partial relinquishment of the southern and eastern parts of the EL. The reduction in area to 128km² was approved by the Minister for Mines on 6 February 1990.

The area is comprised of State Forest and the Arthur Pieman Protected Area and is within the Sumac Rivulet and Norfolk Range Australian Heritage Act Registered Entries.

Seven Mineral Leases are contained with EL 53/88 (Plan 1).

The licence is owned 100% by Soloriens Mining Pty. Ltd.

EXPLORATION PHILOSOPHY & OBJECTIVES

Copper and tin mineralisation are known in the Balfour area and work done to date suggest an association between the mineralisation and the location of major linear structures and a shallow sub-surface granite spine.

The current objective is to determine the age of base metal mineralisation exposed in the old Balfour copper mines and to explore primarily for base metals, following either a model of zoned mineralisation around a granite body, fault emplaced Cambrian mineralisation or Sedex-type Late Proterozoic mineralisation.

The work will be done in conjunction with exploration on the adjoining EL 21/87.

SUMMARY OF WORK COMPLETED PRIOR TO CURRENT TERM

Activity in Year 1 included : -

- (a) A review of previous exploration efforts over the Balfour mineral field, principally those of ACI Ltd. for copper and by CRA Exploration Pty. Ltd. for tin.

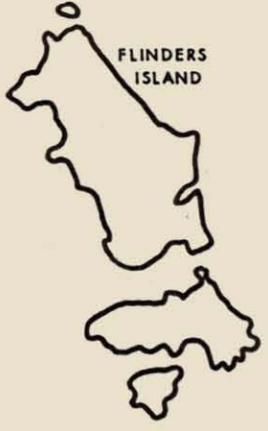
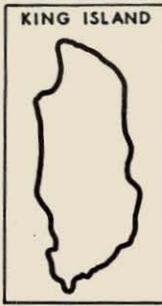
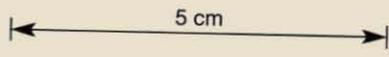


Figure 1. Location Map - EL 53/88, Mt Frankland.



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- (b) Reconnaissance field observation and sampling, principally over the Murray's Reward workings. Samples contained appreciable quantities of copper, lead and zinc.
- (c) The major component of Year 1 work was a gravity survey of the tenement to test for the presence of a granite body as a northerly extension of the Pieman Granite. Results of this survey suggested that future exploration efforts should focus on areas peripheral to the detected granite body north of 5 418 000. Consequently, the southern and eastern portions of the EL were surrendered in the February 1990 partial relinquishment.

SUMMARY OF WORK COMPLETED IN YEAR 2

No exploration was conducted in Year 2. Farmout negotiations to date have not resulted in a joint venture.

PROPOSED FUTURE EXPLORATION

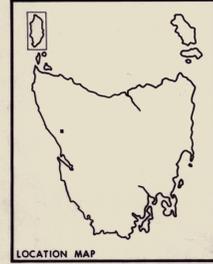
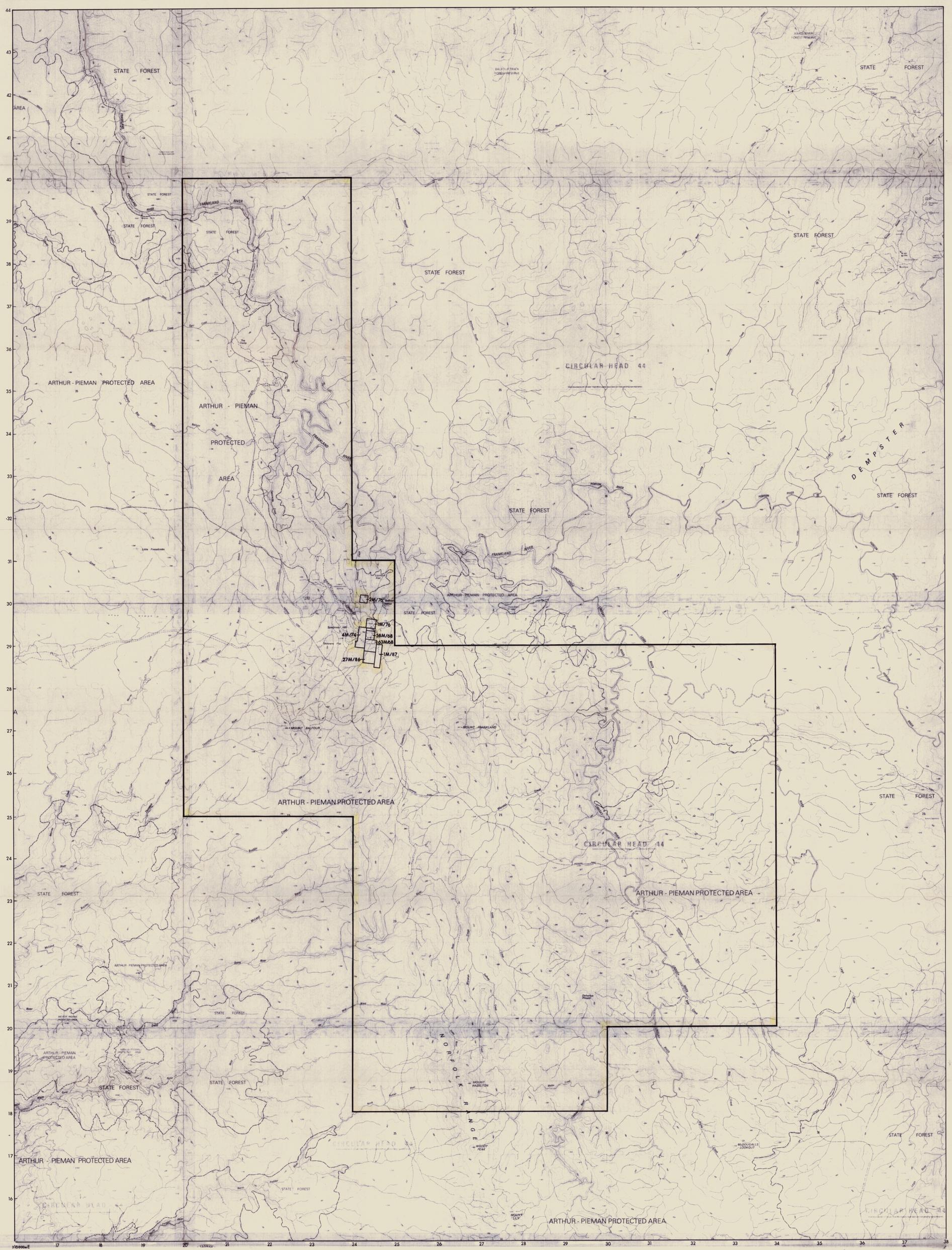
The proposed work programme for Year 3 will be run in conjunction with the licencees of the adjoining EL 21/87; Aureole Resources Pty. Ltd., Winston Resources Pty. Ltd. and Sierra Nevada Resources Pty. Ltd.

Work has commenced on mineralisation age determination by the lead isotope and lead/zinc ratio technique. Samples collected from exposed mineralisation at the Murray's Reward workings will be analysed in Western Australia and interpreted by staff at C.O.D.E.S, University of Tasmania.

A 12 month evaluation programme of whole water stream geochemistry as an exploration method in the Balfour area will be undertaken. Samples will be taken fortnightly from Cassiterite Creek and analysed at Lucas Heights, using the ICP-MS technique.

During the year, drill core from the ACI copper exploration will be re-logged and re-sampled.

Mapping and sampling of old prospects between The Clump and Mt Hazelton will be carried out in the current Summer and joint venture negotiations will continue.



MINERAL LEASES - EL 53/88

No.	Owner	Area
58M/68	S.A. TATLOW	4 ha
63M/68	S.A. TATLOW & C. LING & R. LING	8 ha
4M/74	J.H. HOLLOWAY & R.J. SOUTH	9 ha
1M/76	M. LAAN & N.R. LANGSFORD	5 ha
2M/76	M. LAAN & N.R. LANGSFORD	3 ha
27M/86	B.C. & R. LING & S.A. TATLOW	8 ha
1M/87	P. COSMETTO & B.C. LING	8 ha

SOLORIENS MINING PTY LTD

EL 53/88 - MT FRANKLAND, TASMANIA

LOCATION PLAN & CONTAINED MINERAL LEASES (Competitor)

COMPILED	V.H.
DRAWN	TKD/Contracting
DATE	
SCALE	1 : 25,000
PLAN No.	1

90-3207.1