

265001

97-4093



Rio Tinto Exploration Pty. Limited

A.C.N. 000 057 125

A member of the Rio Tinto Group

OPEN FILE

**EL 28/96 Forth 2
First and Final Report
Burnie SK55-05
1:250,000
Tasmania, Australia**

EL 28/96
17 DEC 1997

**MICROFILMED
FICHE No. 014540-**

See folio 21.

Author: J. Madden
Date: December 1997
Submitted to: Chief Geologist - South East District
Copies to: Rio Tinto Exploration, GER - Bundoora
Rio Tinto Exploration, SE District - Bundoora
Mineral Resources Tasmania

Submitted by: PP Rymatto

Accepted by: [Signature]

This report and its contents are confidential. All rights to the report and its contents (including, without limitation, rights to confidential information and copyright in all works (including photographs, diagrams, charts, maps and graphs) comprised in the report) remain the property of Rio Tinto Exploration Pty. Limited. No part of this report nor of the information contained in it may be disclosed to any person without the consent of Rio Tinto Exploration Pty. Limited. No part of this report nor of the information contained in it may be reproduced (including by being stored in any form), transmitted, published or used for any Pty. Limited.

97-4093

Rio Tinto Report No. 23643

Abstract

EL 28/96, Forth 2, was acquired to explore for fine grained, low sulphide, sediment-hosted gold deposits within the Ordovician carbonates and clastic sediments of the EL.

The EL was acquired in conjunction with EL 30/96 Mersey 1.

Conclusions drawn from exploration work on EL 30/96 Mersey 1 have downgraded the potential of the EL to host a large gold deposit.

No further work is required and the tenement is recommended to be relinquished in full.

No field work was undertaken and no rehabilitation is necessary.

Table of Contents

	Page No.
Abstract	
List of Plans	
List of Tables	
1. Conclusions and Recommendations	1
2. Introduction	1
3. Exploration Completed - 9 October 1996 to 8 October 1997	1
4. Discussion of Results	1
5. Rehabilitation	2
6. Expenditure	2
7. References	2
8. Location	2
9. Keywords	2
10. DPO Register	2

List of Plans

Plan No.	Title	Scale
Tv1067	EL 28/96 Forth 2 Location Plan	1:250,000

List of Tables

Table 1	Expenditure Statement for EL 28/96 Forth 2
---------	--

1. Conclusions and Recommendations

A review has downgraded the potential of EL 28/96 to host an economic Carlin/Sepon style sediment hosted gold deposit.

Thus the tenement has been recommended to be relinquished with a surrender date effective of 13 November 1997.

2. Introduction

EL 28/96 Forth 2 was granted to Rio Tinto Exploration Pty. Limited on 8 October 1996. The licence covers 245sq.km (Plan Tv 1067) and lies approximately 70 km WSW of Launceston.

Rio Tinto acquired the licence area to explore for sediment-hosted, fine grained, sulphide poor gold mineralisation, similar to that at Carlin and Sepon.

The Forth 2 EL encompasses a complex geological package including Cambrian Mount Read Volcanics and Ordovician clastics and carbonates. Gold and base metal prospects hosted by the Mount Read Volcanics include Star of the East gold, Barrington copper and Beulah barite. Various cover sequences including Permian glacials, Tertiary basalt and Quaternary alluvium are sporadically developed. Forth 2 abuts the northern edge of EL10/92 (Titan Resources) which surrounds the Moina mine, and includes the Stormont mines and several other gold prospects.

3. Exploration Completed - 9 October 1996 to 8 October 1997

A comprehensive literature study was undertaken of Forth 2 EL 28/96. The study highlighted the potential of the EL to host a sediment-hosted Carlin/Sepon style gold deposit within Ordovician carbonates.

EL 28/96, Forth 2, was acquired in conjunction with EL 30/96, Mersey 1, to explore for sediment hosted gold. No field work was carried out within Forth 2. However, field work carried out within EL 30/96 (Mersey 1), has downgraded the potential of the EL to host economic Carlin/Sepon style fine gold deposits.

The tenement has been relinquished.

4. Discussion of Results

From conclusions drawn from field work conducted within EL 30/96 Mersey 1, it was recommended EL 28/96, Forth 2, be relinquished in full.

5. Rehabilitation

No field work was undertaken within EL 28/96. No rehabilitation is required.

6. Expenditure

Total expenditure for the Forth 2 exploration licence EL 28/96, for the period commencing 9 October 1996 and ending 30 November 1997 is \$29,509.

7. References

Report 89-3038 RGC EL 8/88

8. Location

Burnie 1:250,000

Queenstown 1:250,000

Mersey 1:100,000

Forth 1:100,000

Cape Sorell 1:100,000

9. Keywords

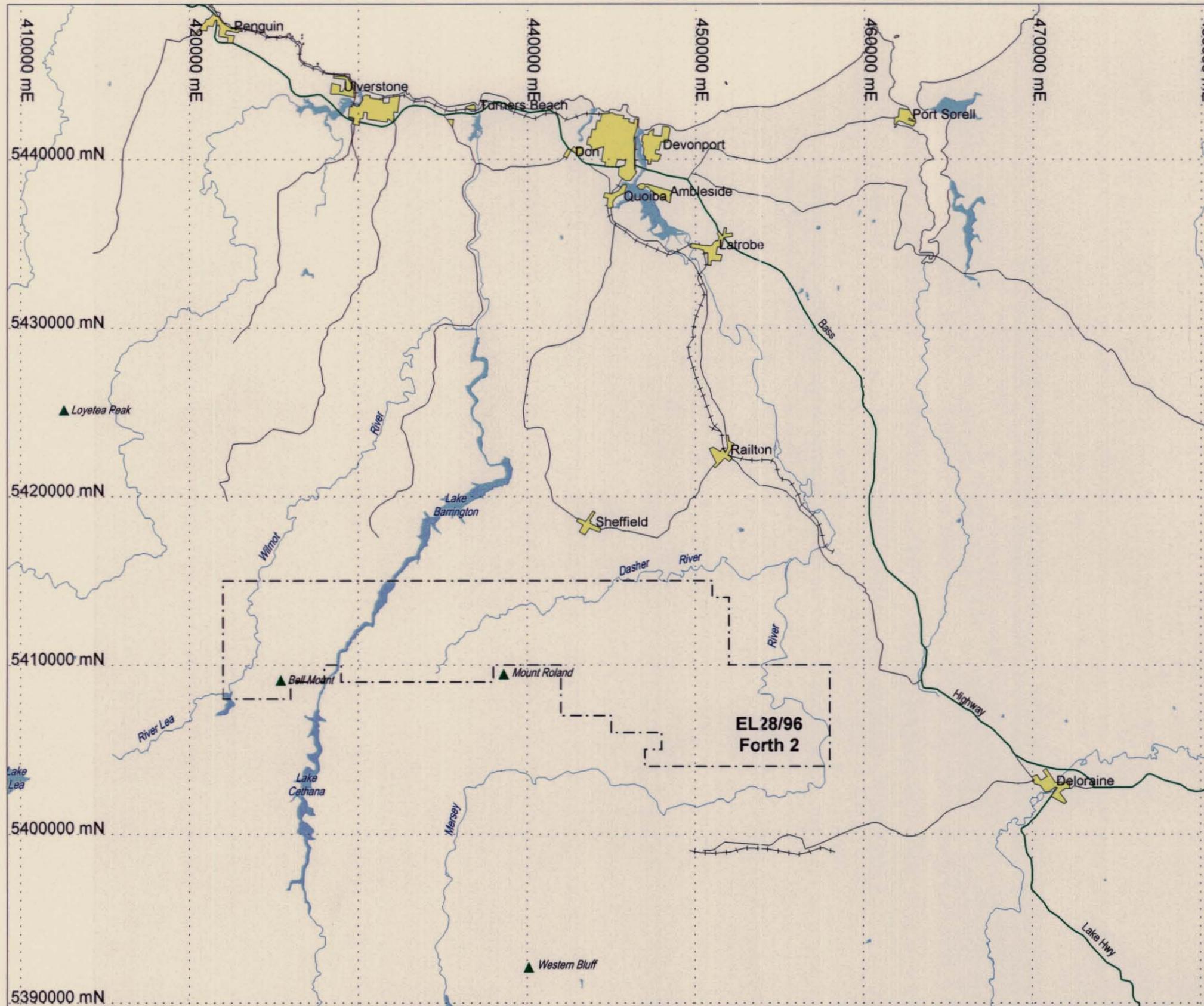
Gold * Carlin * Sepon * Gordon Limestone * Moina Limestone * Stormont *
Report 89-3038 * RGC EL 8/88

10. DPO Register

No samples were taken during the reporting period.

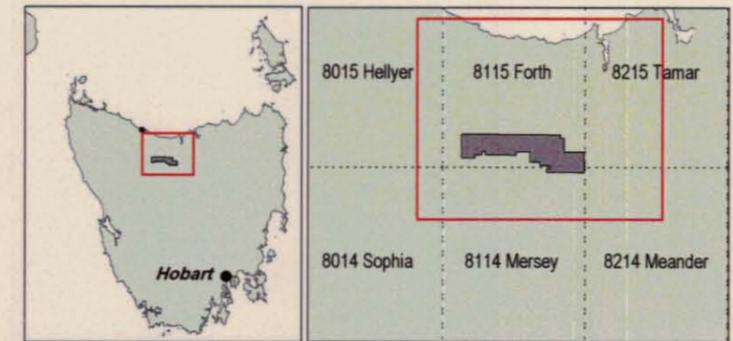
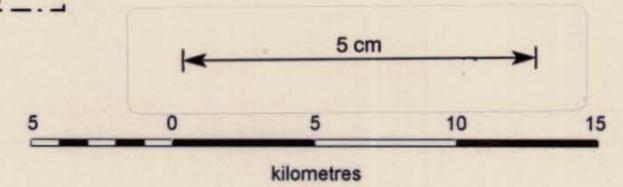
Table 1
EL 28/96 Forth 2
Expenditure Table

	9/10/96 to 30/11/97
Drilling	0
Contractors	0
Laboratory	0
Rent & Property	382
Payroll & Benefits	12,525
Field & Transport	1,595
Travel & Accommodation	1,915
Computer Services	804
Professional	958
Office & Miscellaneous	3,295
District Administration	3,637
Regional Costs	4,398
Tenements	0
TOTAL	29,509



Key

- ▲ mountain
- main/secondary road
- highway
- +— railway
- river (perennial)
- lake
- urban area
- EL



Location Diagram Map Sheet Reference

RIO TINTO EXPLORATION PTY. LIMITED	
EL28/96 Forth 2	
Location Plan	
Author: Rob Parkinson	Reference: SK55-03 Burnie
Drawn: Tony Sargeant	File Name: Tv1067.wor
Date: June 1996	Report No: 23643
Scale: 1:250,000	Plan No: Tv1067