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**DOUGLAS MCKENNA & PARTNERS PTY. LTD.**

**Consulting Exploration & Mining Geologists**

A.C.N.: 004 774 761

Telephone: (03) 9670 7349  
Facsimile: (03) 9670 3691

Registered Office: 4<sup>th</sup> Floor, 114 William Street, Melbourne, Victoria, 3000  
Postal Address: G.P.O. Box 1778Q, Melbourne, Victoria, 3001

247001

**FINAL REPORT  
ON  
EXPLORATION LICENCE 1/91  
FOR  
JERVOIS MINING N.L.**

**MICROFILMED**  
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98-4119

FINAL REPORT-EL 1/91  
REDWATER-JERVOIS MINING  
D MCKENNA & PARTNERS

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## SUMMARY

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Jervois Mining N.L. was granted EL 1/91, covering 28 square kilometres, some 25 kilometres south of Burnie on 5<sup>th</sup> July 1991.

The geological target was mineralisation within contact metasomatic skarn rocks (Gordon limestone) adjacent to the Housetop granite and covered by Tertiary basalts and Quaternary sediments.

Exploration of the area comprised literature research, field inspections, gravity and GPS surveys, transient electromagnetic surveys and drilling, logging and assaying of four reverse circulation percussion drill holes.

The best intersection in the drilling was 8 metres at 0.29% zinc.

It was recommended that the licence be surrendered.

All work was on or adjacent to tracks. One drill collar on a track was trickling fresh water and was inspected by David Gatehouse of Dept. Mineral Resources.

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List of previous reports submitted to Dept. Mineral Resources Tasmania

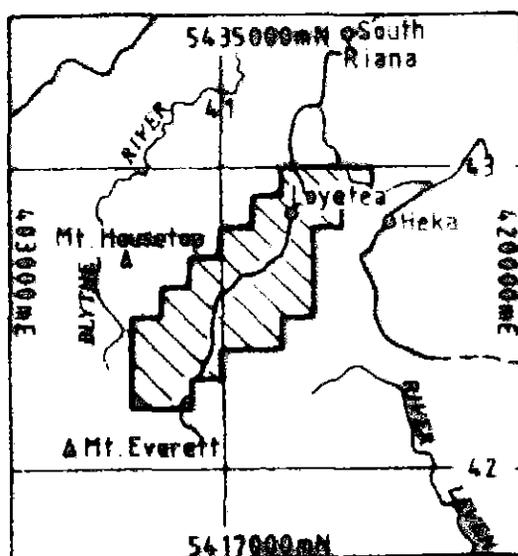
## INTRODUCTION

Jervois Mining N.L. applied for the Redwater area to search for base metals and gold in a projected contact metasomatic skarn position covered by Tertiary basalt and Quaternary sediments.

After various stages of exploration, including the completion of four drill holes, the prospect returned anomalous rather than economic assay results.

Consequently the exploration licence is being surrendered.

## TENEMENTS



5 cm

In January 1991, Jervois Mining Limited (subsequently Jervois Mining N.L.) applied for an exploration licence in the Redwater (Loyetea) district.

Exploration Licence 1/91 was granted on 5<sup>th</sup> July 1991 covering 28 square kilometres some 25 to 30 kilometres south of Burnie.

Five years later in June 1996 a partial relinquishment of the tenement was made resulting in 14 square kilometres being retained.

### **WORK COMPLETED**

All the work completed is reported in the Annual Reports listed in the Appendix. In summary it comprised:

1. Literature Research and Landowner database;
2. Field Inspections;
3. Gravity and GPS survey on four traverses;
4. Transient electromagnetic survey on two traverses;
5. Drilling, logging, assaying of 4 RC percussion drill holes.

A deep diamond drill hole was planned beneath the better of the RC drilling results, 8 metres at 0.29% zinc within a zone of 20 metres at 0.17% zinc, but this has now been cancelled.

### **REHABILITATION**

All works were performed on or adjacent to existing tracks. No new lines or tracks were cut.

One drill hole collar by Laurel Creek was inspected on 27<sup>th</sup> January 1998 by David Gatehouse of Dept. Mineral Resources and Gerald Purvis, geological consultant to Jervois. Fresh water was trickling from the collar of the hole.

### CONCLUSIONS

Exploration for base metals within a contact metasomatic skarn zone failed to find economic mineralisation. No gold was detected.

It is recommended that the exploration licence be surrendered.

*Douglas McKenna & Partners P.L.*

Douglas McKenna & Partners Pty. Ltd.

10 February 1998

List of previous reports submitted to Dept. Mineral Resources Tasmania:

<b>Title</b>	<b>Date</b>	<b>Author *</b>
Annual Report to 5 <sup>th</sup> June 1992	May 1992	DMAP
2 <sup>nd</sup> Annual Report to 5 <sup>th</sup> June 1993	June 1993	DMAP
Annual Report to 5 <sup>th</sup> June 1994	May 1994	DMAP & H. Rutter
Annual Report to 5 <sup>th</sup> June 1995	June 1995	DMAP
Annual Report to 5 <sup>th</sup> June 1996	June 1996	DMAP
Partial Relinquishment Report	June 1996	DMAP
Annual Report to 5 <sup>th</sup> June 1997	May 1997	DMAP & G.J. Purvis

(\* DMAP = Douglas McKenna & Partners Pty. Ltd.)