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TCR 96-3887

PROPOSED DRILLING PROGRAMME

AT

REDWATER TASMANIA

EL 1/91

FOR

JERVOIS MINING N.L.

MICROFILMED
FICHE No. 014027

96-3887

PROPOSED DRILLING PROGRAMME
REDWATER - EL 1/91 - JERVOIS MINING
MCKENNA & PARTNERS

January 1996

SUMMARY

Previous field exploration by Jervois has consisted of a gravity survey (4 lines) and an EM survey (2 lines). EM anomalies were found towards the northern ends of the lines close to the postulated granite/limestone contact. Minor to moderate gravity anomalies accompany the EM anomalies.

A four hole RC drilling programme has been recommended to test the anomalies. Such a programme would cost \$30,000.

However it is suggested that initially one hole be drilled in each anomaly which would reduce the budget to about \$18,000. If visible mineralisation is encountered, then the other two holes may be drilled.

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Accompanying Plan

Plan Showing Proposed Drill Holes

Scale 1:5000

INTRODUCTION

Jervois Mining N.L. was granted EL 1/91 in July 1991. The target is to locate contact metasomatic mineralisation. The work commitment for the year is \$14,000.

Previous work, summarised below, has located two anomalous zones that are worthy of drill testing.

It is understood that an RC drilling rig will be in the vicinity in January 1996. It is therefore proposed to conduct a short test drilling programme over the two anomalous zones.

PREVIOUS EXPLORATION

Two phases of field exploration have been completed by the Company: in February 1992 a gravity survey over 4 lines was completed and in March 1994 two lines of transient electromagnetic moving loop were surveyed.

Anomalies were found towards the northern ends of both EM lines and were interpreted to be possibly low grade sulphide mineralisation in bedrock. Minor/moderate gravity anomalies are co-incident with the EM anomalies.

Prior the Jervois' exploration effort, Comalco and Shell had conducted exploration on the area including the drilling of five diamond and one percussion drill holes. Some of the holes found limestone and magnetite skarn beneath Tertiary basalt cover.

PROPOSED PROGRAMME

It is proposed to drill a maximum of 4 reverse circulation percussion drill holes, each to 100 metres, to test the two geophysically anomalous areas. As

previously stated, the targets consist of co-incident EM and gravity anomalies, the stronger one being beneath some 50-60 metres of Tertiary basalt cover. Both anomalies occur in expected Ordovician Gordon Limestone strata close to the contact with the Housetop Granite.

On the "Forest Traverse", two holes are designed to test the stronger anomaly beneath basalt cover. Comalco/Shell tested this "zone" to the south, further away from the granite contact, finding mineralized skarn with low grade base metal assays. The two proposed holes are 50 metres apart on the Forest Traverse track with the northern hole being on "grid line 6200N", i.e. approximately 210 metres (horizontally) south from the gate at the road junction. Details of the two holes are as follows:-

Collar		Dip	Azimuth	Final Depth
N (AMG)	E		(AMG)	m
426215	410550	60 °	180 °	100
426165	410530	60 °	180 °	100

The Pilbeam Road Traverse runs along the bottom of the valley, incised through the basalt cover. Some bedrock outcrop is present and is shown on the accompanying plan. The gravity and EM anomalies appear to lie very close to the granite/sediment (limestone) contact. It may be possible to have to drill only the northern proposed hole in this location. The drilling details are:

Collar		Dip	Azimuth	Final Depth
N (AMG)	E		(AMG)	m
425550	409755	60 °	180 °	100
425500	409750	60 °	180 °	100

The northern hole is located 215 metres south of the Pilbeam Road/Dispute Road junction.

BUDGET

An approximate budget to drill the above 4 holes has been drawn up on figures supplied by Peter Sharp Diamond Drilling of Zeehan and Analabs of Burnie:

	\$
Drilling (UDR 650 Rig, Face Sampling 4 3/4")	
Mobilization (say)	1,000
200m x \$34.50	6,900
200m x \$36.60	7,320
Machine Hours 6 x \$175	1,050
Consumables etc.	730
	17,000
Geological Supervision	4,000
Travel & Accommodation	2,000
Assaying 50 samples x \$20	1,000
Field Requisites	1,000
Report & Drafting etc.	<u>2,000</u>
	<u>27,000</u>
with 10% Contingencies	30,000

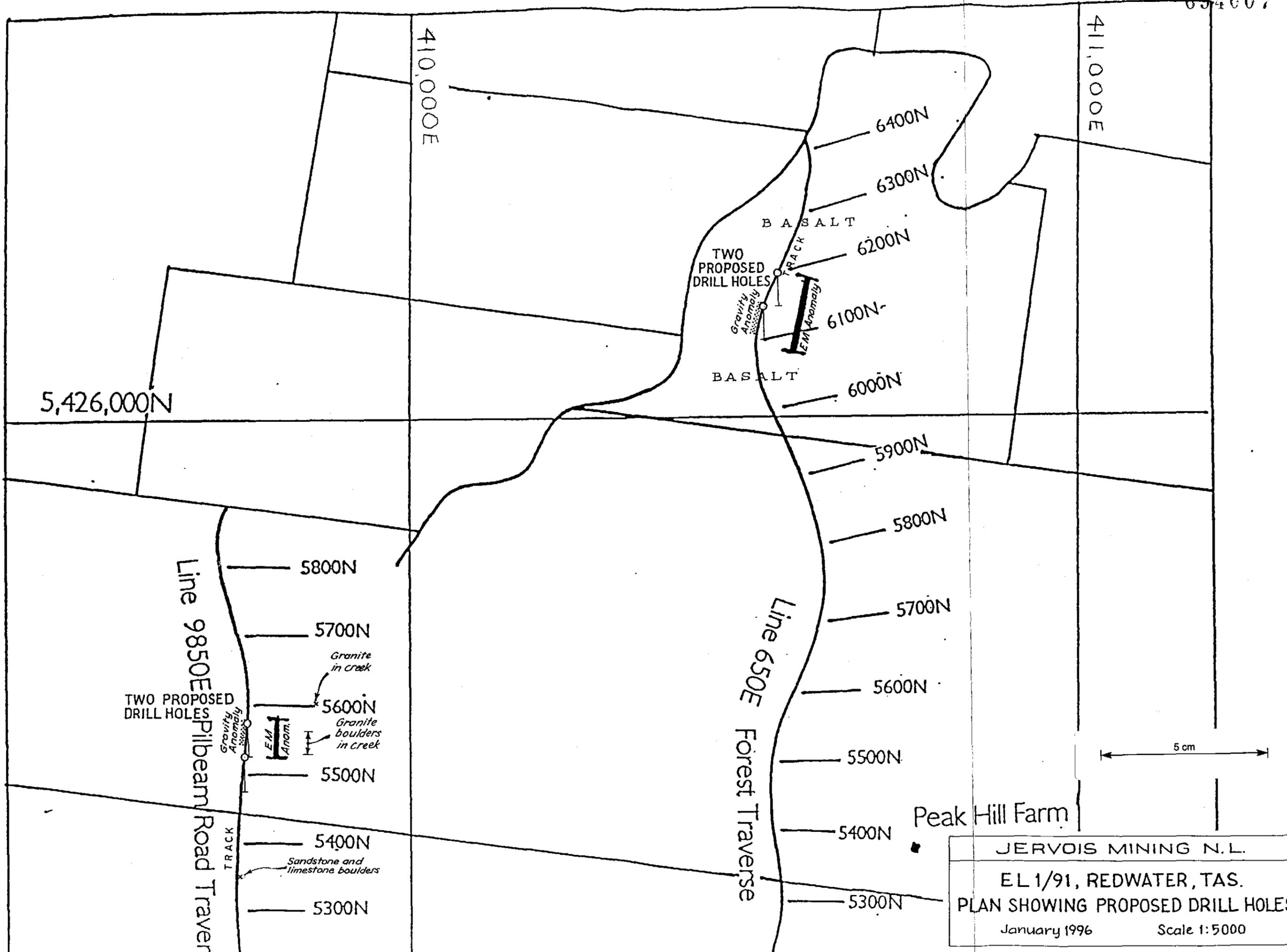
If one hole is drilled on each anomaly then the cost of the programme is budgeted at about \$18,000.

RECOMMENDATIONS

It is recommended that initially the two hole programme be implemented. If visible mineralisation is observed in these holes then the follow-up holes may be drilled.

Douglas McKenna & Partners P.L.C.
Douglas McKenna & Partners Pty. Ltd.

8th January, 1996



JERVOIS MINING N.L.
 EL 1/91, REDWATER, TAS.
 PLAN SHOWING PROPOSED DRILL HOLES
 January 1996 Scale 1:5000