

**MICROFILMED**  
FICHE No.012173 -

E.L. 11/84 Borril Creek-WELD RIVER

**M.C.FORSTER**

**ANNUAL REPORT - YEAR 7**

28/9/1990 to 27/9/91

(plus explanatory letters 2pp.) - appendix A.

TCR 92-3339

**OPEN FILE**

MINES	
File Ref. <i>EL1184</i>	
16 MAR 1992	
Doc. Ref.	
Action Officer	Initials
<i>Cover sheet</i>	
<i>on file Folio</i>	
<i>99</i>	
Resubmit to	Date

M.C.Forster

Feb. 1992

## EXPLORATION LICENCE 11/84 - WELD RIVER

ANNUAL REPORT - YEAR 7 - 28/9/1990 to 27/9/91

### TENEMENT INFORMATION

E.L.11/84 is located in the lower Weld River Valley, South West Tasmania and is held by M.C.Forster with no joint venture partners at present. For further details see 1989-90 Annual Report.

SUMMARY OF WORK COMPLETED IN YEAR 7 to AUGUST 1991

(SEE APPENDIX A FOR ADDITIONAL INFORMATION)

- (1) The access track from the South Weld Road to the drilling locations near the base line grid on the South Bank was upgraded over the first 1km to enable a drilling rig to be transported to the site by 4x4 truck. Some quartzite rock was trucked from the mine site at Glovers Bluff for the upgrading work.
- (2) One costean was cut over a length of 70m and to a depth of 7m in a E-W direction at a location 50m south of drill hole BC.5 to locate dolomite marble, and later filled in.  
*- Results?*
- (3) One test pit about 10m deep was put down by excavator between drill hole BC.5 and BC.1, and later filled in.  
*- Results?*
- (4) Some further sampling and assaying of marble chips from drill hole BC.5 was carried out. ✓
- (5) Sampling and assaying from the costean and test pit for talc was undertaken. ✓
- (6) Drill Hole BC.15 was extended by diamond drilling to a depth of 82m in order to obtain core samples to test the quality and colour of the marble deposit. ✓

E.L.11/84EXPLORATION RESULTS

Assays of the marble chips from DH-BC5 (10,302N,10439E) and drill core from DH-BC15 extended (10,302N,10514E) showed the rock to be multicoloured dolomite-marble with sections of dark green periclase-marble (MgO Native Magnesia) and brucite-marble.

The colours include - white, light grey, blue, light green, cream, light yellow and black. The dark green brucite sections being translucent.

not tested!

Drill core from BC-15 (extended) shows some good quality multi-coloured marble with potential for commercial development.

Assays from the test pit, and surface sampling indicates that there is also good potential for large talc deposits in the prospect area. The talc being derived from both altered ultramafics and altered dolomites.

EXTENSION OF DRILL HOLE BC 15.

During July, 1991 a Mines Dept. crew and drilling rig was engaged to extend the drilling depth of Drill Hole BC-15 at 10,302N, 10,514E., for the purpose of obtaining core samples to determine the quality and colours of the marble deposits which were located in Drill Holes BC-15 and BC-5.

The depth was extended from 34.2m to 82m.

From 34.2m to 65.7m the drilling intersected metasomatic quartz in the form of agate and containing vugs throughout, being very hard and difficult to drill.

From 65.7 to 79.0m the drilling intersected multi-coloured marble as indicated above.

From 79.0m to 82.0m at E.O.H. drilling intersected non vugular quartz-agate, a very hard rock, with a ring to the tap.

It was concluded that this drill hole intersected the silicified upper section of the marble beds and a short section of the foot wall of the marble section.

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Five chip samples were collected from Drill Hole BC-5 by ECC Pacific (Australia) Pty.Ltd. and were assayed with the following results:-

Sample No.	1.	2.	3.	4.	5.
Brightness (ISO)	86.4	85.2	87.0	88.2	88.1
Chemical Analysis					
% CaO	33	34	34	34	32
% MgO	23	22	20	22	23
% Fe2O3	0.3	0.3	0.2	0.2	0.3
Depth (DH.BC5)	50-57m	65-70m	75-80m	85-86m	90-95m

The samples were thus actually dolomite-marble and not limestone-marble as reported in the previous (Year 6.) annual report.

Some of the white material from the test pit near BC-5 was tested by ECC and found to be low grade talc as below:-

Brightness: 64.1

Mineralogy: 88% talc  
12% kaolinite/chlorite

Chemical analysis: SiO<sub>2</sub> 57.4 %  
Al<sub>2</sub>O<sub>3</sub> 7.2 %  
Fe<sub>2</sub>O<sub>3</sub> 2.4 %  
TiO<sub>2</sub> 0.7 %  
MgO 25.3 %  
LOI 6.9 %

The white material was probably weathered marble.

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Further material from the same test pit and nearby costean was tested by XRD as follows:

Mineral Name	DA 653901	DA 653902	DA 653903	DA 653904	Da 653905
chlorite	-	-	-	-	5
quartz	83	21	-	-	1
talc	-	-	72	19	54
illite	5	19	-	-	-
kaolinite	12	60	28	81	41
OGH	-	1	-	-	-

DA653901 "White material from costean  
 902 ditto  
 903 Chips across face of main pit, north side.  
 904 ditto south side  
 905 " " "

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PROPOSED FUTURE PROGRAMME OF WORKS

A second diamond drill hole is proposed to follow DH BC5 but to a greater depth in order to obtain further marble samples and to measure the thickness of the marble section. (completed)

It is proposed to dig some test pits, using an excavator, along strike from DH's BC1 -BC5 in an attempt to locate marble without a silicified cap rock.

It is proposed to prospect for high grade talc by surface prospecting and by test pits using an excavator.

PROPOSED EXPENDITURE FOR YEAR 8 TO AUG.1992 IS \$20,000

EXPENDITURE FOR YEAR 7 to 28th Aug.1991;

DIRECT FIELD COSTS

	\$
ROAD WORKS TO DRILL SITES	1,975
DRILLING	9,000
EXCAVATOR HIRE	1,975
ACCESS TRACKS	1,500
INSURANCE	200
	<u>\$14,650</u>



M.C. FORSTER  
M.I.E.M.S

16th March, 1992

100007

Enquiries: K. McClymont  
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Your ref:  
Our file: KMCC04.92:AT

-2 APR

Mr M.C. Forster  
'Lee Wave'  
RMB 341  
KINGSTON TAS 7150

Dear Sir

**EXPLORATION LICENCE 11/84 - BORRIL CREEK, TASMANIA**

Reference is made to the report EL 11/84 Borril Creek - Weld River Annual Report - Year 7 28/9/1990 - 27/9/91, TCR 92-3339.

Mr R. Bottrill has requested that the following information be provided for the report:

- results for the two costeans that were dug and an explanation as to why they were dug;
- analyses of the periclase-marble and the brucite-marble which is mentioned on page three of the report;
- the name of the laboratory that conducted the analyses that were included in the report;
- the joint or fracture spacings in the marble.

Please forward the missing information at your earliest convenience.

Yours faithfully

Please R/S to K. McClymont

1/5/92 *MB*

*A*  
K. McClymont  
CLERK

*G*  
c.c. Mr R. Bottrill, Mineralogist, Rosny Park

