

| MINERAL RESOURCES |             |           |
|-------------------|-------------|-----------|
| FILE REF:         | DOC REF:    |           |
| EL 9/2014         | D18/220932  |           |
| 20 SEP 2018       |             |           |
| OFFICER:          | FOR ACTION: | FOR INFO: |
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# ANNUAL REVIEW

2017-2018

Exploration Licence EL9/2014

Beams Bros Pty Ltd

14/9/18

D J Beams

## Introduction

Exploration Licence No:- EL9/2014

Name & Location:- Brumbys Creek

Reporting Period:- 2017-2018

Tenement Holder:- Beams Bros Pty Ltd

Lease Holder:- Beams Bros Pty Ltd

798 Flowery Gully Rd.,

Flowery Gully 7270

Principal target:- Dolomite

## Review of Previous work

Work has been done on lease 1987 P/M, with work in progress on Lease EL9/2014.

## GEOSCIENCE

### a. Geology

The material is Dolomite rock with Tillite overlying approximately 3m to 20m deep.

Jurassic (Jdi) Dolerite with Precambrian Dolomite.

### b. Geochemistry

Dolomite - see attachment. Lab ID DL528 – typical analysis. The results of the analysis shown are from customer stockpile random samples.

Rock chips from the exploration work are sampled every 3 metres, bagged, labelled and documented then sent to South 32 laboratory for chemical analysis.

### c. Geophysics

No work done

d. [Remote Sensing](#)

No work done

e. [Drilling](#)

Drilling is done using an I.R.500 Percussion Hydraulic Drill and Atlas Copco 35 hydraulic Drill with the drill cuttings being sent for analysis. The holes drilled on the Eastern side have the Dolomite dipping deeper, on the Western Side it runs at a consistent depth. The holes are 378 metres drilled over 18 holes, using 7 89mm drill bits. Numerous holes only drilled through clay and water.

Drilling metres achieved this year:- 378 metres

f. [Ore Resources](#)

This has not been determined due to holes not being drilled deeper, to prove dolomite and rock reserves.

g. [Modelling](#)

h. [Conclusions](#)

Over the last few years we have been doing small scale exploration work. The dolomite resource is very deep and the mining ratio is so high it is uneconomical to mine. More work needs to be done to prove up the more viable areas to mine.

# TEMCO Laboratory Report

## Weekly Raw Material Stockpiles

**Client:** TEMCO Metallurgists, Beams Brothers

**Contact Details:**

**Sample Description:** Weekly stockpiles

**Date received:** 11/01/2018

**Week Beginning:** 15/01/2018

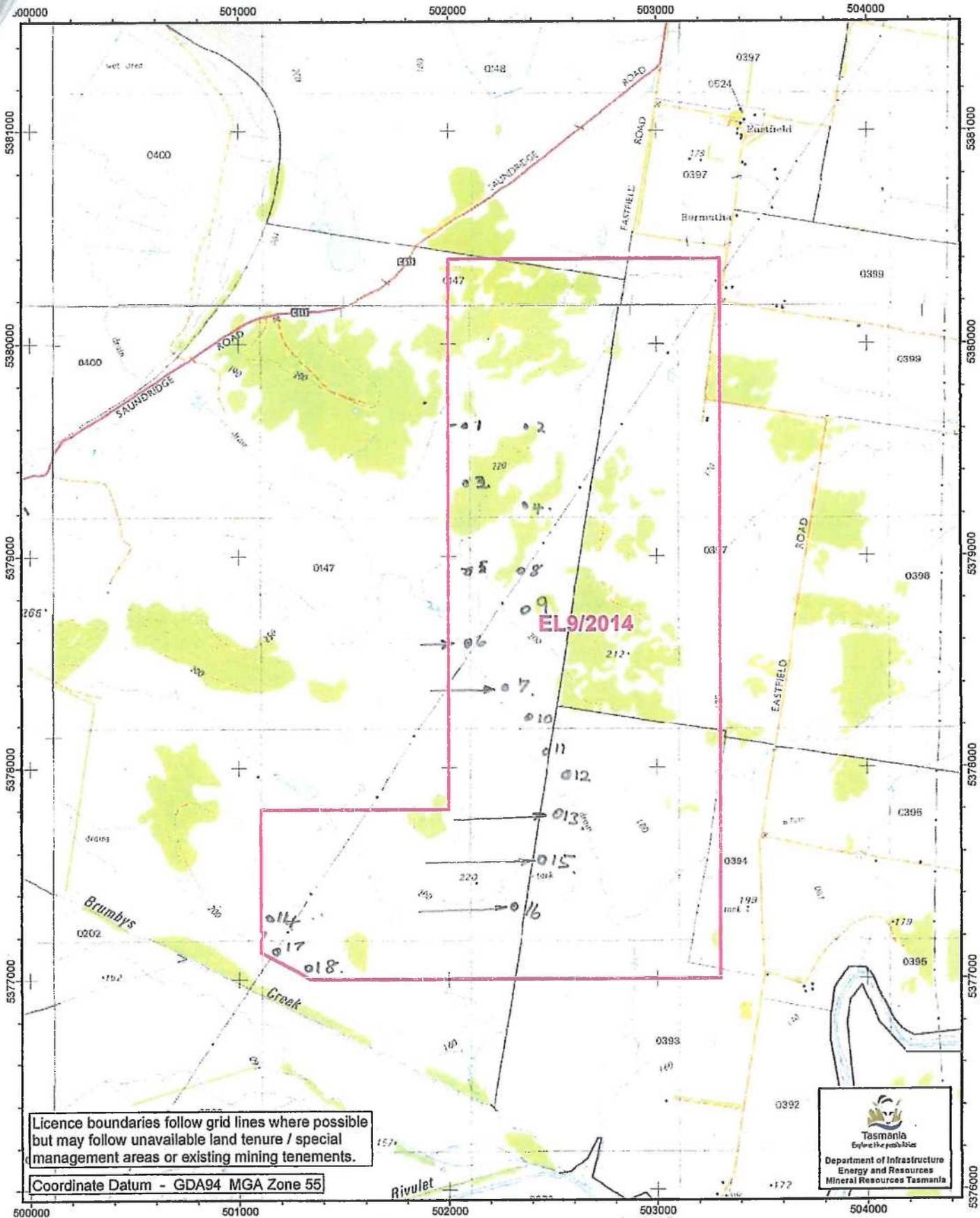
| Material   | Lab. ID | Date Sampled | Mn   | MnO  | SiO <sub>2</sub> | Al <sub>2</sub> O <sub>3</sub> | CaO  | MgO  | BaO  | Na <sub>2</sub> O | K <sub>2</sub> O | Fe   | TiO <sub>2</sub> | P <sub>2</sub> O <sub>5</sub> | Fe <sub>2</sub> O <sub>3</sub> |
|------------|---------|--------------|------|------|------------------|--------------------------------|------|------|------|-------------------|------------------|------|------------------|-------------------------------|--------------------------------|
|            |         |              | %    | %    | %                | %                              | %    | %    | %    | %                 | %                | %    | %                | %                             | %                              |
| Limestone  | LM442   | 11/01/18     | 0.02 | 0.02 | 1.8              | 0.73                           | 50.0 | 2.5  | 0.02 | 0.00              | 0.23             | 0.36 | 0.04             | 0.00                          | 0.51                           |
| Dolomite   | DL528   | 11/01/18     | 0.03 | 0.03 | 10.9             | 0.05                           | 27.0 | 19.8 | 0.04 | 0.00              | 0.02             | 0.09 | 0.01             | 0.01                          | 0.13                           |
| Iron Stone | IS973   | 11/01/18     | 0.56 | 0.72 | 57.6             | 4.0                            | 0.03 | 0.32 | 0.03 | 0.01              | 1.14             | 22.0 | 0.47             | 0.04                          | 31.4                           |
| Iron Ore   | IS974   | 11/01/18     | 1.3  | 1.7  | 4.0              | 1.4                            | 0.04 | 0.25 | 0.02 | 0.01              | 0.24             | 60.0 | 0.06             | 0.05                          | 85.8                           |

**Comments:** Analysis reported as dry basis unless otherwise specified.

**Analysts:** BV/ML

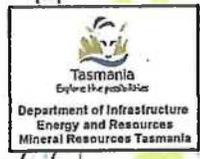
**Laboratory Supervisor:** A. Brooks

**Date:** 12/01/2018

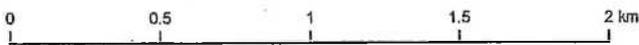


Licence boundaries follow grid lines where possible but may follow unavailable land tenure / special management areas or existing mining tenements.

Coordinate Datum - GDA94 MGA Zone 55



**EL9/2014 6km<sup>2</sup>  
Vicinity of Brumbys Creek**



1:25000

