

Construction Sciences Pty Ltd

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## CALIFORNIA BEARING RATIO REPORT

Client: Glendon Quarry Pty Ltd

Client Address: PO Box 771, Glendon Road, Anakie
Project: Glendon Quarry Compliance Testing

Location: Glendon Road Rubyvale

Component:

Area Description:

Report Number: 1692/R/9959-1

Project Number: 1692/P/318

Lot Number: Type 2.5

Internal Test Request: 1692/T/3783

Client Reference/s: 22/01/2018

Report Date / Page: 29/01/2018 Page 1 of 1

Test Procedures: Q113A, Q102A Sample Number 1692/S/21805

Sampling Method Tested As Received

Date Sampled 22/01/2018

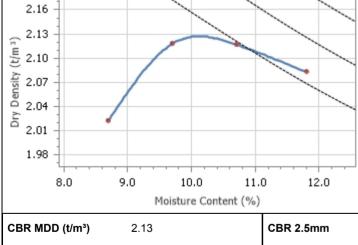
Sample Depth -

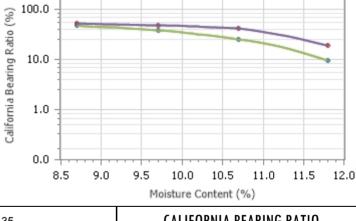
Date Tested 25/01/2018
Test Condition Soaked / 4 Da

Stockpile Lot No Sample No Stockpile at Quarry
Sampled by client

Material Source Glendon Quarry
Material Type Subtype 2.5
Compactive Effort Standard

| Test Condition                    | Soaked / 4 Days                 |                             | Compactive Effort Standard  |               |  |
|-----------------------------------|---------------------------------|-----------------------------|-----------------------------|---------------|--|
| Placement Moisture<br>Content (%) | Placement Dry<br>Density (t/m³) | Point Bearing Ratio @ 2.5mm | Point Bearing Ratio @ 5.0mm | CBR Swell (%) | Moisture Content After Penetration (%) |
| 8.7                               | 2.02                            | 47.7                        | 53.3                        | -             | -                                      |
| 9.7                               | 2.12                            | 39.3                        | 48.5                        | -             | -                                      |
| 10.7                              | 2.12                            | 26.0                        | 42.2                        | -             | -                                      |
| 11.8                              | 2.08                            | 9.6                         | 19.0                        | -             | -                                      |
|                                   |                                 |                             |                             |               |  |
|                                   |                                 |                             |                             |               |  |





 CBR MDD (t/m³)
 2.13
 CBR 2.5mm
 35
 CALIFORNIA BEARING RATIO

 CBR OMC (%)
 10.0
 CBR 5.0mm
 45
 45

 Soil Description
 Brown Gravel

Remarks



The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.

Accredited for compliance with ISO/IEC 17025 - Testing

Accreditation Number: 1986 Corporate Site Number: 1692 DI Law

Approved Signatory: Donna Marr Form ID: W8Rep Rev 2