

Material Test Report



Report Number: GSGY-GLN-24-175-15
Issue Number: 1
Date Issued: 04/07/2024
Client: ROBERTS BROS PTY LTD
 PO BOX 247, COOROY QLD 4563
Contact: DAVID ROBERTS
Project Number: GSGY-GLN-24-175
Project Name: Oakridge Estate
Project Location: LOT 9 ON RP224705 & LOT 8 ON RP218636,
 GLASTONBURY ROAD, NAHRUNDA
Client Reference: 24/5/24
Work Request: 3242
Date Sampled: 24/05/2024 12:50
Dates Tested: 27/05/2024 - 06/06/2024
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or
 pavement - compacted
Preparation Method: AS 1289.1.1 - Sampling and Preparation of Soils
Specification: Minimum 95% Hilf Density Ratio
Site Selection: Selected by Client
Location: Oakridge Estate - Level 1 Supervision - Lot 4
Lot Number: Lot 4
Material: Onsite Fill
Material Source: Onsite

Geotechnical Services (Gympie) Pty Ltd

1 Dennis Little Drive Glanmire QLD 4570

Phone: (07) 4128 3213

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Accredited for compliance with ISO/IEC 17025 - Testing



Approved Signatory: Jake Davey

Laboratory Manager

NATA Accredited Laboratory Number: 21185

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1

Sample Number	G3242A	G3242B	G3242C
Date Tested	24/05/2024	29/05/2024	29/05/2024
Time Tested	12:50	14:00	14:05
Test Request #/Location	24/4/24 Lot 4	29/5/24 LOT 4	29/5/24 LOT 4
Easting	461881.65	461894.37	461893.23
Northing	7101562.16	7101571.65	7101545.69
Elevation (m)	65.93	67.53	68.09
Thickness of Layer (mm)	300	300	300
Soil Description	Onsite Fill	Onsite Fill	Onsite Fill
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	15	8	20
Field Wet Density (FWD) t/m ³	2.24	2.21	2.31
Field Moisture Content %	13.8	14.6	10.5
Field Dry Density (FDD) t/m ³	1.97	1.93	2.09
Peak Converted Wet Density t/m ³	**	**	**
Adjusted Peak Converted Wet Density t/m ³	2.21	2.10	2.31
Moisture Variation (Wv) %	**	**	**
Adjusted Moisture Variation %	2.0	2.0	2.0
Hilf Density Ratio (%)	101.5	105.5	100.0
Compaction Method	Standard	Standard	Standard
Report Remarks	**	**	**

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC