

Material Test Report



Report Number: GSGY-GLN-24-175-28
Issue Number: 1
Date Issued: 25/07/2024
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: 10/6/24
Work Request: 3376
Dates Tested: 12/06/2024 - 21/06/2024
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
Location: Oakridge Estate - Level 1 Supervision - Lot 1
Material: Onsite Fill
Material Source: Onsite

Geotechnical Services (Gympie) Pty Ltd

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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	G3376A	G3376B	
Date Tested	12/06/2024	14/06/2024	
Time Tested	08:16	08:30	
Test Request #/Location	Lot 1	Lot 1	
Easting	461927.86	461938.281	
Northing	7101500.88	7101494.970	
Elevation (m)	72.48	73.348	
Thickness of Layer (mm)	300	300	
Soil Description	Onsite Fill	Onsite Fill	
Test Depth (mm)	275	300	
Sieve used to determine oversize (mm)	19.0	19.0	
Percentage of Wet Oversize (%)	16	15	
Field Wet Density (FWD) t/m ³	2.31	2.26	
Field Moisture Content %	16.1	14.8	
Field Dry Density (FDD) t/m ³	1.99	1.97	
Peak Converted Wet Density t/m ³	**	**	
Adjusted Peak Converted Wet Density t/m ³	2.22	2.30	
Moisture Variation (Wv) %	**	**	
Adjusted Moisture Variation %	1.5	2.0	
Hilf Density Ratio (%)	104.5	98.5	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC