

Material Test Report



Report Number: GSGY-GLN-24-175-26
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
Work Request: 3601
Dates Tested: 15/07/2024 - 24/07/2024
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 22
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	G3601A	G3601B	
Date Tested	11/07/2024	25/07/2024	
Time Tested	13:30	09:54	
Test Request #/Location	Lot 22	Lot 22	
Easting	462157.293	462148.396	
Northing	7101478.278	7101474.739	
Elevation (m)	72.188	73.013	
Thickness of Layer (mm)	300	300	
Soil Description	Onsite Fill	Onsite Fill	
Test Depth (mm)	275	275	
Sieve used to determine oversize (mm)	19.0	19.0	
Percentage of Wet Oversize (%)	0	5	
Field Wet Density (FWD) t/m ³	2.10	2.15	
Field Moisture Content %	22.6	17.4	
Field Dry Density (FDD) t/m ³	1.71	1.83	
Peak Converted Wet Density t/m ³	1.99	**	
Adjusted Peak Converted Wet Density t/m ³	**	2.07	
Moisture Variation (Wv) %	-0.5	**	
Adjusted Moisture Variation %	**	0.0	
Hilf Density Ratio (%)	105.5	104.0	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC