

Material Test Report



Report Number: GSGY-GLN-24-175-41
Issue Number: 1
Date Issued: 27/09/2024
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: 3650
Dates Tested: 23/07/2024 - 26/07/2024
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 21
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	G3650A	G3650B	
Date Tested	23/07/2024	24/07/2024	
Time Tested	11:20	10:32	
Test Request #/Location	23/7/24 Lot 21	24/07/2024 Lot 21	
Easting	462189.540	462186.534	
Northing	7101500.600	7101512.937	
Elevation (m)	69.290	69.638	
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 (%)	3	9	
Field Wet Density (FWD) t/m ³	2.17	2.23	
Field Moisture Content %	16.3	16.0	
Field Dry Density (FDD) t/m ³	1.87	1.92	
Peak Converted Wet Density t/m ³	**	**	
Adjusted Peak Converted Wet Density t/m ³	2.13	2.16	
Moisture Variation (Wv) %	**	**	
Adjusted Moisture Variation %	2.0	1.5	
Hilf Density Ratio (%)	102.0	103.5	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC