

Material Test Report



Report Number: GSGY-GLN-24-175-18
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
Work Request: 3366
Dates Tested: 02/05/2024 - 02/05/2024
Location: Oakridge Estate - Level 1 Supervision - Lot 25

Geotechnical Services (Gympie) Pty Ltd

1 Dennis Little Drive Glanmire QLD 4570

Phone: (07) 4128 3213

Email: jake.davey@geotechnicalservices.com.au

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	G3366A	G3366B	
Date Tested	01/05/2024	01/05/2024	
Time Tested	09:26	09:37	
Test Request #/Location	Lot 25	Lot 25	
Easting	462065.28	462049.48	
Northing	7101445.23	7101434.48	
Elevation (m)	77.092	76.989	
Layer / Reduced Level	FSL	FSL	
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 (%)	19	19	
Field Wet Density (FWD) t/m ³	2.22	2.26	
Field Moisture Content %	14.3	20.2	
Field Dry Density (FDD) t/m ³	1.94	1.88	
Peak Converted Wet Density t/m ³	**	**	
Adjusted Peak Converted Wet Density t/m ³	2.16	2.12	
Moisture Variation (Wv) %	**	**	
Adjusted Moisture Variation %	1.5	2.0	
Hilf Density Ratio (%)	103.0	106.0	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC