

Material Test Report



Report Number: GSGY-GLN-24-175-19
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: 3367
Dates Tested: 02/05/2024 - 09/05/2024
Location: Oakridge Estate - Level 1 Supervision - Lot 9

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	G3367A	G3367B	G3367C	G3367D
Date Tested	01/05/2024	02/05/2024	02/05/2024	02/05/2024
Time Tested	13:30	10:10	10:19	15:00
Test Request #/Location	Lot 9	Lot 9	Lot 9	Lot 9
Easting	462062.62	462071.18	462062.03	462064.23
Northing	7101780.80	7101785.41	7101782.32	7101769.96
Elevation (m)	61.33	61.92	61.55	62.669
Layer / Reduced Level	-1200	-600	-900	FSL
Thickness of Layer (mm)	300	300	300	300
Soil Description	Onsite Fill	Onsite Fill	Onsite Fill	Onsite Fill
Test Depth (mm)	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	19	12	12	10
Field Wet Density (FWD) t/m ³	2.26	2.15	2.22	2.27
Field Moisture Content %	15.7	19.1	22.0	17.2
Field Dry Density (FDD) t/m ³	1.96	1.80	1.82	1.93
Peak Converted Wet Density t/m ³	**	**	**	**
Adjusted Peak Converted Wet Density t/m ³	2.21	2.16	2.16	2.14
Moisture Variation (Wv) %	**	**	**	**
Adjusted Moisture Variation %	1.0	-0.5	0.0	-1.0
Hilf Density Ratio (%)	102.5	99.0	102.5	106.0
Compaction Method	Standard	Standard	Standard	Standard
Report Remarks	**	**	**	**

Moisture Variation Note:

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