

Material Test Report



Report Number: GSGY-GLN-24-175-43
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: 3608
Dates Tested: 16/07/2024 - 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 18
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	G3608A	G3608B	G3608C	G3608D	G3608E
Date Tested	16/07/2024	17/07/2024	17/07/2024	18/07/2024	23/07/2024
Time Tested	10:40	08:25	08:29	10:05	11:00
Test Request #/Location	Lot 18	Lot 18	Lot 18	Lot 18	Lot 18
Easting	462248.359	462232.780	462239.899	462237.331	462239.89
Northing	7101621.000	7101630.632	7101631.140	7101629.039	7101636.30
Elevation (m)	61.783	62.316	61.922	62.564	62.80
Layer / Reduced Level	**	Layer 2	Layer 3	**	**
Thickness of Layer (mm)	300	300	300	300	300
Soil Description	Onsite Fill	Onsite Fill	Onsite Fill	Onsite Fill	Onsite Fill
Test Depth (mm)	275	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	**	3	2	9	4
Field Wet Density (FWD) t/m ³	2.08	2.16	2.03	2.28	2.21
Field Moisture Content %	19.5	19.7	20.2	19.2	15.6
Field Dry Density (FDD) t/m ³	1.74	1.81	1.69	1.92	1.91
Peak Converted Wet Density t/m ³	2.05	**	**	**	**
Adjusted Peak Converted Wet Density t/m ³	**	2.03	2.01	2.20	2.17
Moisture Variation (Wv) %	0.0	**	**	**	**
Adjusted Moisture Variation %	**	1.5	2.0	0.0	2.0
Hilf Density Ratio (%)	101.5	106.5	101.0	103.5	102.0
Compaction Method	Standard	Standard	Standard	Standard	Standard
Report Remarks	**	**	**	**	**

Moisture Variation Note:

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