

Material Test Report



LABORATORIES

Gympie Laboratory

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Report Number: GSGY-GLN-24-175-56
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: 2nd test added
Date Issued: 31/03/2025
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: 4190
Date Sampled: 30/09/2024 15:10
Dates Tested: 01/10/2024 - 20/03/2025
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
Specification: Minimum 95% Hlf Density Ratio
Location: Oakridge Estate - Level 1 Supervision - Lot 15
Material: Onsite Fill
Material Source: Onsite

Accredited for compliance with ISO/IEC 17025 - Testing



Approved Signatory: Jake Davey

Laboratory Manager

NATA Accredited Laboratory Number: 20956

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1

Sample Number	G4190A	G4190B	
Date Tested	30/09/2024	18/03/2025	
Time Tested	15:10	09:30	
Test Request #/Location	30/9/24 Lot 15	18/3/25 Lot 15	
Easting	462142.74	462141.82	
Northing	7101619.02	7101624.16	
Elevation (m)	72.32	-150mm from FSL	
Layer / Reduced Level	**	Embankment Fill	
Thickness of Layer (mm)	300	300	
Soil Description	Onsite Fill	Embankment Fill	
Test Depth (mm)	275	275	
Sieve used to determine oversize (mm)	19.0	19.0	
Percentage of Wet Oversize (%)	6	10	
Field Wet Density (FWD) t/m ³	2.12	2.19	
Field Moisture Content %	15.9	19.2	
Field Dry Density (FDD) t/m ³	1.83	1.84	
Peak Converted Wet Density t/m ³	**	**	
Adjusted Peak Converted Wet Density t/m ³	2.02	2.13	
Moisture Variation (Wv) %	**	**	
Adjusted Moisture Variation %	-0.5	1.0	
Hlf Density Ratio (%)	105.0	102.5	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC