

Gold Coast Office
Job Number: GL20/129
Ref No: 21156
Author: Ian Masman

9th August 2021

Shadforth
99 Sandalwood Lane
Forest Glen Qld, 4556

ATTENTION: David Bugden
Email: David.Bugden@shadcivil.com.au

RE: LOT 2008
EVERLEIGH ESTATE – PRECINCT 12.1
LEVEL ONE SUPERVISION AND TESTING OF BULK FILL EARTHWORKS

As requested, Level one supervision and testing was carried out on the bulk fill earthworks constructed to form allotments and road embankments for Shadforth Civil at Precinct 12.1 of the residential development at the Everleigh Estate, Teviot Road, Greenbank.

Our representatives observed the relevant earthworks operations during our engagement at this allotment on 5th August 2021 including the stripped ground surface and carried out proof rolling and field density tests in accordance with the required standards (AS1289 & AS3798), Logan City Council and project specifications. The minimum required compaction specification of 95% of the Standard Density Ratio has been achieved.

We confirm that the fill placed at this site including Lot 2008 by Shadforth Civil during our engagement has been observed to be placed and compacted in a controlled manner in accordance with Level One Supervision and Testing to AS 1289 & 3798.

We consider the fill placed under Level 1 Supervision and Testing in Lot 2008 to be controlled fill as defined in AS 2870 clause 1.8.13.

This statement does not include any topsoil which may be placed as lot dressing, trench backfill or slope stability assessment etc.

Please refer to our Level 1 Bulk Earthworks report for this Precinct, and find attached our Materials Test Report GL20/129-24 for Field Densities carried out on fill within this Lot.

If there are any queries concerning the above, please do not hesitate to contact Gary Taylor at this office.

Yours faithfully



IAN MASMAN
For and on behalf of
MORRISON GEOTECHNIC PTY LIMITED

Attachment: Materials Test Report GL20/129-24

Material Test Report

Report Number: GL20/129-24
Issue Number: 1
Date Issued: 09/08/2021
Client: SHADFORTH'S CIVIL PTY LTD
 99 SANDALWOOD LANE, FOREST GLEN QLD 4556
Contact: David, Callum
Project Number: GL20/129
Project Name: Everleigh Estate Precinct 12.1 - Level 1 Earthworks
Project Location: Teviot Rd, Greenbank
Work Request: 5795
Dates Tested: 05/08/2021 - 07/08/2021
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95% STD ± 2% OMC
Site Selection: Selected by GTA
Material: General Fill
Material Source: Onsite



Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Gary Taylor
 Geotech Field Supervisor
 NATA Accredited Laboratory Number: 1169

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	G21-5795A	G21-5795B	
Test Number	236	237	
Date Tested	05/08/2021	05/08/2021	
Time Tested	15:50	17:05	
Test Request #/Location	LOT 2008	LOT 2008	
Easting	498522	498527	
Northing	6931869	69318672	
Elevation (m)	1m BELOW FL	FINISHED LEVEL	
Soil Description	Sandy Gravelly Clay. Brown	Sandy Gravelly Clay. Brown	
Test Depth (mm)	150	150	
Sieve used to determine oversize (mm)	19.0	19.0	
Percentage of Wet Oversize (%)	17	14	
Field Wet Density (FWD) t/m ³	2.17	2.16	
Field Moisture Content %	11.0	11.9	
Field Dry Density (FDD) t/m ³	1.95	1.93	
Peak Converted Wet Density t/m ³	**	**	
Adjusted Peak Converted Wet Density t/m ³	2.25	2.23	
Moisture Variation (Wv) %	**	**	
Adjusted Moisture Variation %	0.0	0.5	
Hilf Density Ratio (%)	96.5	96.5	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

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