Client Newbold Bulk Haulage Pty Ltd			Job No.	D20-012		
Address	Po Box 67 Coonamb	ole 2829		Report No.	03-CT	
Project	Knox & Downs Building Wilcania			Lot	Cellar Pad	
	Test Procedure:	AS 1289.5.7	B.1 - Field density and field mois 7.1 - Compaction control test - F 1.1 - Moisture content of a soil -	Hilf density ratio and Hilf	moisture variation (Rapid meth	
	Sampling: Preparation:	AS 1289.1.2.1 - 6.4b (C		· · ·	Date Sampled	: 4/02/2020
	T reparation.		FIELD TESTS			
	Date Tested	4/02/2020	4/02/2020	4/02/2020	4/02/2020	
Time of Test		1250	1305	1315	1325	
Test No.		7	8	9	10	
Test Depth		300mm	300mm	300mm	300mm	
Test Location		0.2m from South Boundary	3m from South Boundary	3m from West Boundary	10m from West Boundary	
Offset		3m from West Boundary	5m from East Boundary	1m from North Boundary	8m from North Boundary	
Layer / Reduced Level		Layer 3	Layer 3	Layer 3	Layer 3	
Material Description		silty sandy CLAY	silty sandy CLAY	silty sandy CLAY	silty sandy CLAY	
Wet Density (t/m³)		2.09	2.13	2.08	2.12	
Dry Density (t/m <sup>3</sup> )		1.89	1.87	1.86	1.89	
Moisture Content (%)		10.2	13.8	11.9	12.5	
			LABORATORY DAT	Α		
Peak Converted Wet Density (t/m³)		2.03	2.11	2.03	2.08	
dj. Peak Converted Wet Density (t/m³)		-	-	-	-	
Peak Converted Dry Density (t/m³)		1.84	1.85	1.81	1.85	
Optimum Moisture Content (%)		14.6	13.8	14.8	14.6	
Max. Moisture Adjustment (%)		6	2	4	4	
Peak Added Moisture (%)		4.0	0.0	2.7	1.9	
Retained Oversize (%)		0.0	0.0	0.0	0.0	
Oversize Sieve		19.0mm	19.0mm	19.0mm	19.0mm	
	Compactive Effort	Standard	Standard	Standard	Standard	
11:14	Danaity Batia (DD (0/)	102.5	OMPACTION & MOIS	102.5	102.0	T
Hilf Density Ratio / DR (%)  Moisture Ratio / MR (%)		70	101.0	80	86	+
. ,		4.5	0.0	3.0	2.0	+
	Moisture Variation (%)	DRY	WET	DRY	DRY	
Notes						
^	Accredited for compliance with	ISO/IEC 17025 - Testina			Authorised Signatory:	
NATA	The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards. This document shall not be reproduced, except in full.			all	7/02/202	
	NATA Accredited Laboratory Number: 14874			Alan Pile	Date	

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