	FIELD DE	NSITY & H	ILF COMPA	ACTION T	EST REPOR	₹T
Client	Newbold Bulk Haulage Pty Ltd			Job No.	D20-012	
Address	Po Box 67 Coonamble 2829		Report No.			
Project	Knox & Downs Building Wilcania					Lot
	Test Procedure:	✓ AS 1289.5.8	3.1 - Field density and field mo	isture content of a soil (Nuclear gauge - direct transmiss	sion)
		_			f moisture variation (Rapid meth	iod)
AS 1289.2.1.1 - Moisture content of a soil - Sampling: AS 1289.1.2.1 - 6.4b (Compacted layers)			- Oven drying method (·	1: 13/01/2020	
	Sampling:	AS 1289.1.1	compacted layers)		Date Sampled]: 13/01/2020
	Preparation:	A3 1209.1.1	FIELD TESTS			
	Date Tested	13/01/2020	13/01/2020	13/01/2020		
	Time of Test	1300	1308	1314		
	Test No.	1	2	3		_
	Test Depth	300mm 2m from South	300mm	300mm		
	Test Location	Boundary	5m from South Boundary	3m from North Boundary		
Offset		2m from West Boundary	1m from East Boundary	3m from East Bound	dary	
Layer / Reduced Level		Layer 1	Layer 1	Layer 1		
Material Description		silty sandy CLAY	silty sandy CLAY	silty sandy CLAY	,	
Wet Density (t/m³)		2.11	2.12	2.102		
Dry Density (t/m³)		1.90	1.90	1.90		
Moisture Content (%)		11.1	11.2	10.5		
			LABORATORY DA	TA	'	_ 1
Peak Converted Wet Density (t/m³)		2.06	2.07	2.08		
Adj. Peak Converted Wet Density (t/m³)		-	-	-		
Peak Converted Dry Density (t/m³)		1.86	1.86	1.88		
Optimum Moisture Content (%)		13.7	13.7	13.2		
Max. Moisture Adjustment (%)		4	4	4		
Peak Added Moisture (%)		2.4	2.3	2.4		
Retained Oversize (%)		0.0	0.0	0.0		
Oversize Sieve		19.0mm	19.0mm	19.0mm		
Compactive Effort		Standard	Standard	Standard		
		C	OMPACTION & MOIS	TURE		
Hilf Density Ratio / DR (%)		102.0	102.0	101.0		
	Moisture Ratio / MR (%)	81	82	80		
	Maiatura Mariatian (0/)	2.5	2.5	2.5		
	Moisture Variation (%)	DRY	DRY	DRY		
Notes						
	Accredited for compliance with ISO/IEC 17025 - Testing.				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	15/01/2020	
	NATA Accredited Lab	oratory Number: 14874	ı		Alan Pile	Date
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