

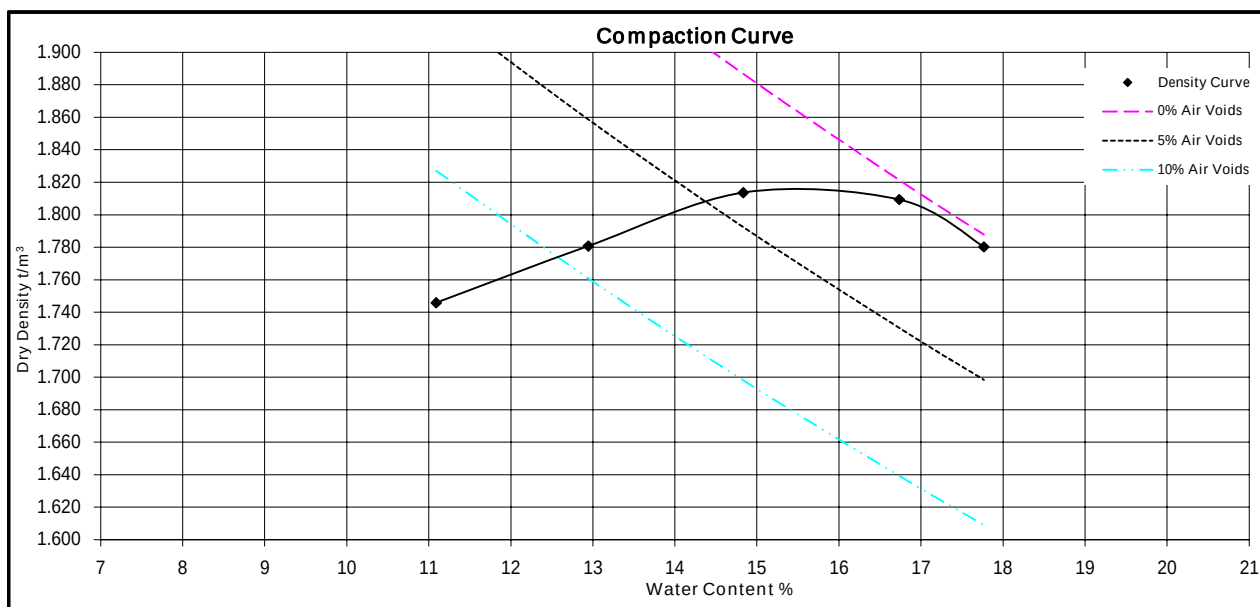
**DRY DENSITY / WATER CONTENT RELATIONSHIP
STANDARD COMPACTION**



Project : Production Test
 Location : Richmond Rd - Hastings
 Client : Jarvis Bishop
 Contractor : Awakeri Drainage
 Sampled by : Wayne
 Date sampled : 12/01/22
 Sampling method : Unknown
 Sample description : Silt & Gravel Mix AP40
 Sample condition : Tested as received
 Solid density : 2.62 t/m³ (Assumed)
 Source : Richmond Rd

Project No : 2-L0175.12
 Lab Ref No : NA5100.A
 Client Ref No : A540B

Test Results							
Maximum dry density	1.81	t/m ³			Natural water content	11.1	%
Optimum water content	15	%			Fraction tested	Passing 19 m m Sieve	
Sample ID	NAT	2	4	6	7		
Bulk density t/m ³	1.940	2.011	2.083	2.112	2.097		
Water content %	11.1	12.9	14.8	16.7	17.8		
Dry density t/m ³	1.746	1.781	1.814	1.809	1.780		
Sample condition	Firm Dry	Firm Moist	Firm Moist	Soft Moist	Soft Wet		



Test Methods	Notes
Compaction NZS 4402 : 1986 Test 4.11 (Standard)	

Date tested : 18/01/22
 Date reported : 18/01/22

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Approved A.Ching *A.Ching*

Designation : Laboratory Manager
 Date : 18/01/22