

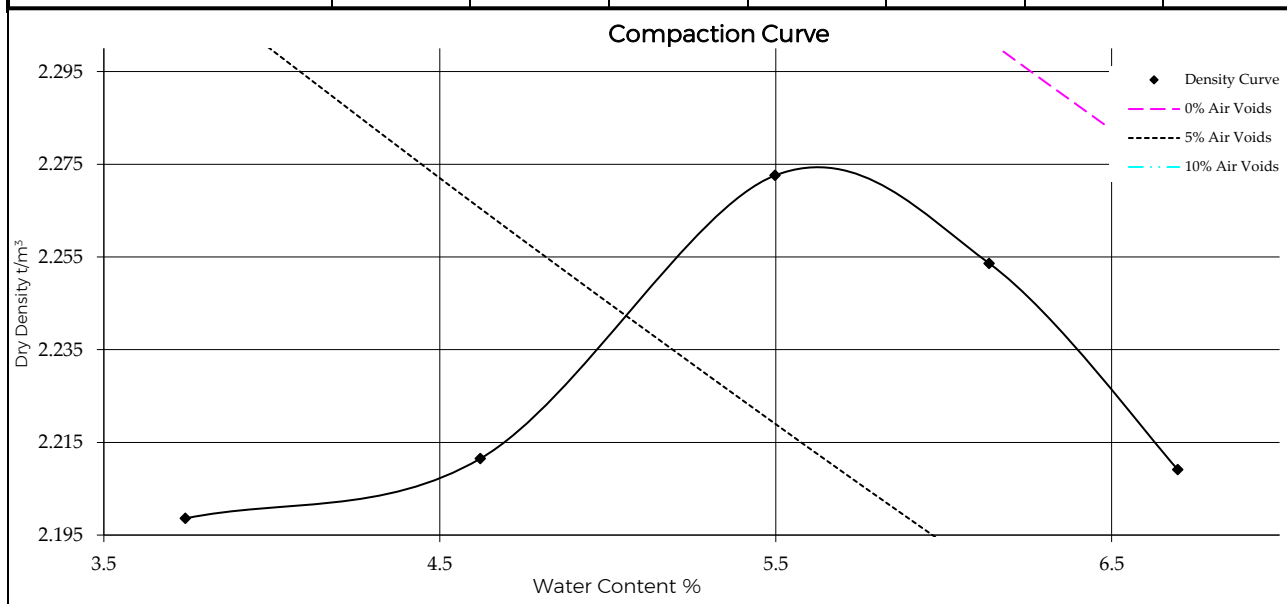
**DRY DENSITY / WATER CONTENT RELATIONSHIP
VIBRATING COMPACTION**



Project : Production Test
 Location : Taupo Scoria
 Client : Taupo Scoria Ltd
 Contractor : Taupo Scoria Ltd
 Sampled by : WSP Taupo Laboratory
 Date sampled : 09/09/26
 Sampling method : NZS 4407:2015.2.3.4.6
 Sample description : M4
 Sample condition : Moist
 Solid density : 2.68 t/m³ (Assumed)
 Source : Taupo Scoria

Project No :
 Lab Ref No : TP56
 Client Ref No :

Test Results							
Maximum dry density		2.28	t/m³ %	Natural water content		3.7	%
Optimum water content		5.5		Fraction tested	Passing 37.5mm Test Sieve		
Sample ID		Nat	1	2	3	4	
Bulk density	t/m³	2.281	2.314	2.398	2.392	2.357	
Water content	%	3.7	4.6	5.5	6.1	6.7	
Dry density	t/m³	2.199	2.212	2.273	2.254	2.209	
Sample condition		Dry	Moist	Moist	Wet	Wet	



Test Methods	Notes
Compaction NZS 4402 : 1986 : Test 4.1.3	All information supplied by Client

Date tested : 25/09/26
 Date reported : 14/09/26

Sampling is covered by IANZ Accreditation
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Approved Signatory

Designation : Assistant Laboratory Manager
 Date : 29/09/26



All tests reported herein
 have been performed in
 accordance with the
 laboratory's scope of
 accreditation