

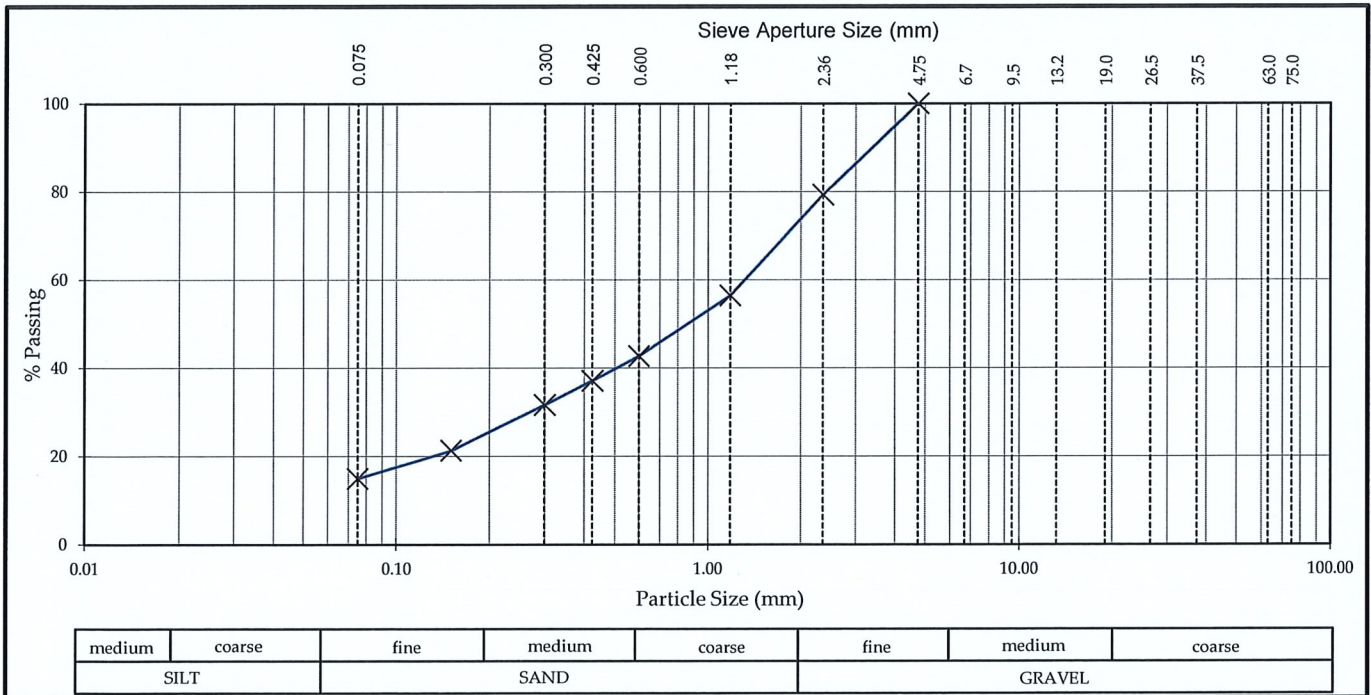
**WET SIEVE ANALYSIS
TEST REPORT**



Project : Quality Assurance
 Location : Production Stock
 Client : Road Metals Company Limited
 Contractor : Various
 Sampled by : Chris Newcombe (Road Metals)
 Date sampled : 23 January 2025
 Sampling method : NZS 4407: 2015 (2.4.6.3.2)
 Sample description : Crusher Dust
 Sample condition : Damp as received
 Source: Waimakariri Quarry

Project No :	6-JRMCO.16/6LC
Lab Ref No :	CH12317
Client Ref No :	Chris Newcombe

Sieve Analysis							
Size (mm)	% Passing	Size (mm)	% Passing	Size (mm)	% Passing	Size (mm)	% Passing
75.00	-	19.00	-	4.75	100	0.425	37
63.00	-	13.20	-	2.36	79	0.300	32
37.50	-	9.50	-	1.18	56	0.150	21
26.50	-	6.70	-	0.600	43	0.075	15



Test Method NZS 4407 : 2015 Test 3.8.1	Notes All information supplied by Client <i>Fraction passing finest sieve is by difference.</i>
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Date tested : 29 January 2025 Sampling is covered by IANZ Accreditation
 Date reported : 29 January 2025 This report may only be reproduced in full

Approved Signatory
 Designation : Laboratory Manager
 Date : 29 January 2025



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

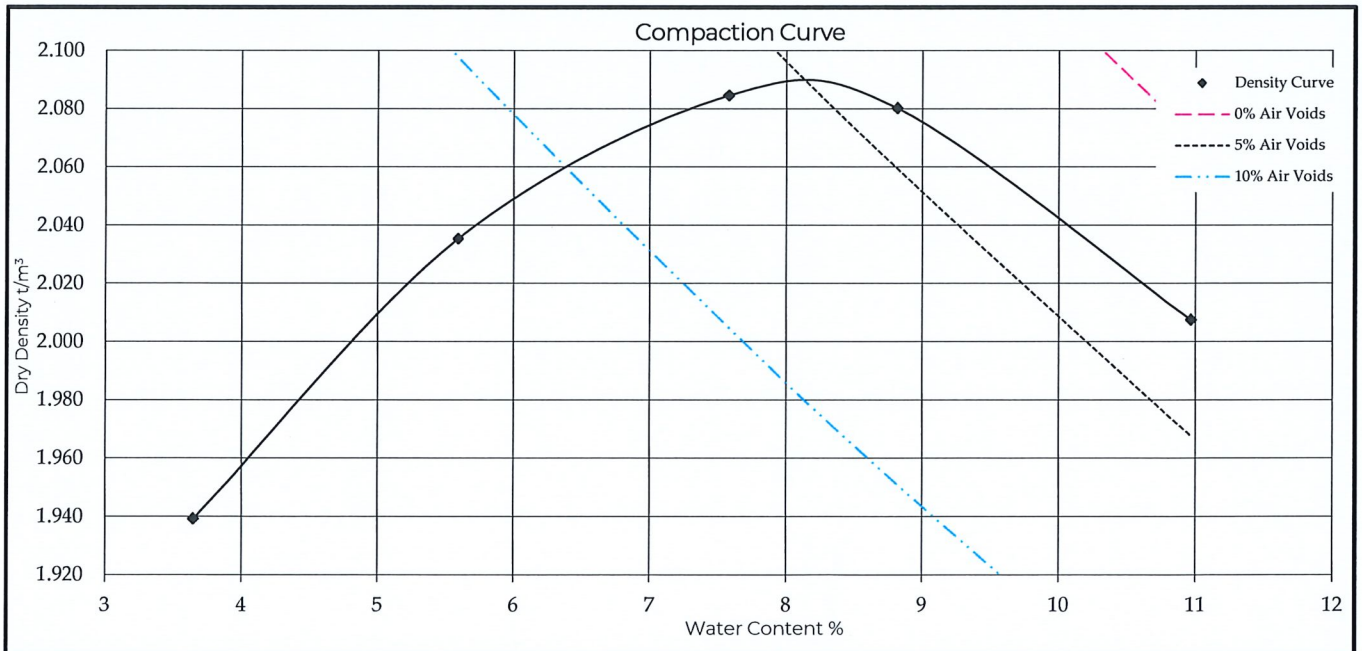
**DRY DENSITY / WATER CONTENT RELATIONSHIP
STANDARD COMPACTION**



Project : Quality Assurance
 Location : Production Stock
 Client : Road Metals Company Limited
 Contractor : Various
 Sampled by : Chris Newcombe (Road Metals)
 Date sampled : 23 January 2025
 Sampling method : NZS 4407: 2015 (2.4.6.3.2)
 Sample description : Crusher Dust
 Sample condition : Damp as received
 Solid density : 2.68 t/m³ (Assumed)
 Source : Waimakariri Quarry

Project No : 6-JRMCO.16/6LC
 Lab Ref No : CH12317
 Client Ref No : Chris Newcombe

Test Results							
Maximum dry density	2.08	t/m ³	Natural water content		-	%	
Optimum water content	8.0	%	Fraction tested		Whole		
Sample ID	+2%	+4%	+6%	+8%	+10%		
Bulk density t/m ³	2.010	2.149	2.243	2.264	2.228		
Water content %	3.7	5.6	7.6	8.8	11.0		
Dry density t/m ³	1.939	2.035	2.085	2.080	2.007		
Sample condition	Moist Hard	Wet Firm	Wet Firm	Wet Firm	Saturated Soft		



Test Methods	Notes
Compaction NZS 4402: 1986 Test 4.1.1 (Standard)	All information supplied by Client

Date tested : 28 January 2025
 Date reported : 29 January 2025

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Approved Signatory 
 Designation : Laboratory Manager
 Date : 29 January 2025



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