

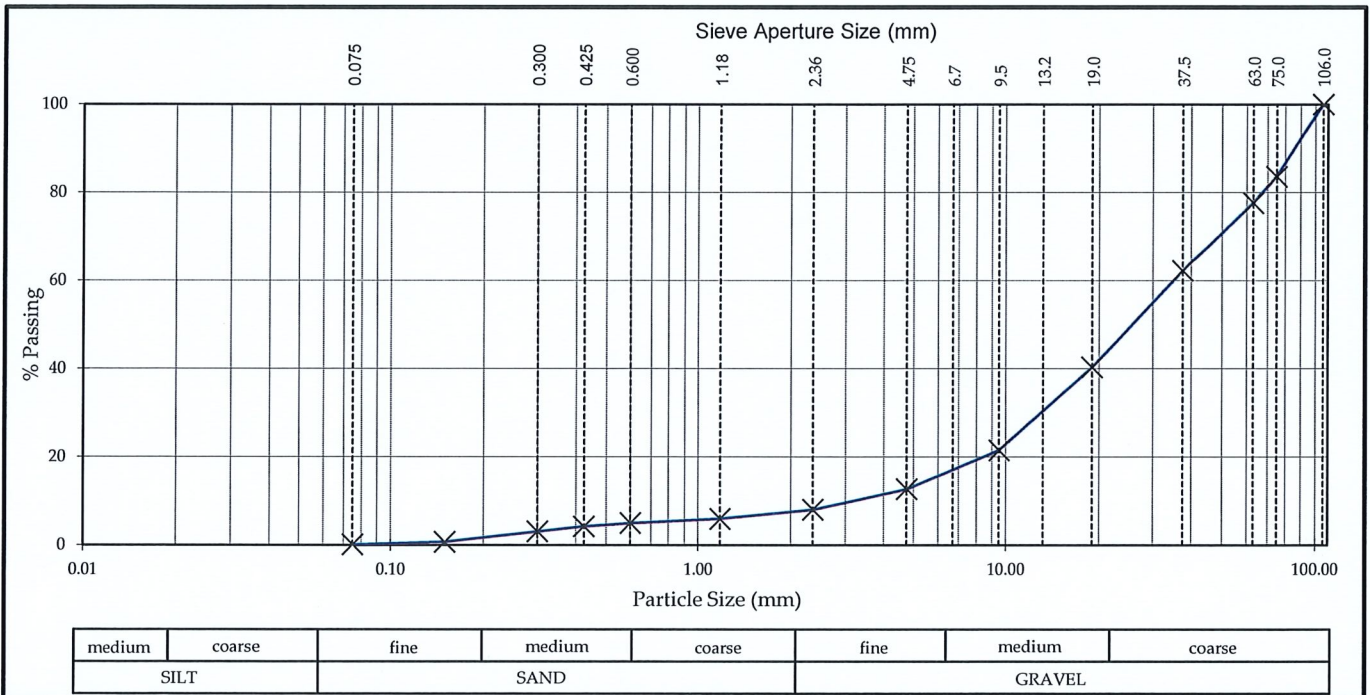
**WET SIEVE ANALYSIS
TEST REPORT**



Project : Quality Assurance
 Location : Production Stock
 Client : Road Metals Company Limited
 Contractor : Various
 Sampled by : David Ohs (Road Metals)
 Date sampled : 15 January 2025
 Sampling method : NZS 4407: 2015 (2.4.6.3.2)
 Sample description : River Run
 Sample condition : Damp as received
 Source : Waimakariri River

Project No : 6-JRMCO.16/6LC
 Lab Ref No : CH12304
 Client Ref No : Chris Newcombe

Sieve Analysis							
Size (mm)	% Passing	Size (mm)	% Passing	Size (mm)	% Passing	Size (mm)	% Passing
106.00	100	19.00	40	4.75	13	0.425	4
75.00	84	13.20	-	2.36	8	0.300	3
63.00	78	9.50	22	1.18	6	0.150	1
37.50	62	6.70	-	0.600	5	0.075	0



Test Method	Notes
NZS 4407 : 2015 Test 3.8.1	All information supplied by Client <i>Fraction passing finest sieve is by difference.</i>

Date tested : 23 January 2025 Sampling is covered by IANZ Accreditation
 Date reported : 27 January 2025 This report may only be reproduced in full

Approved Signatory
 Designation : Laboratory Manager
 Date : 27 January 2025



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

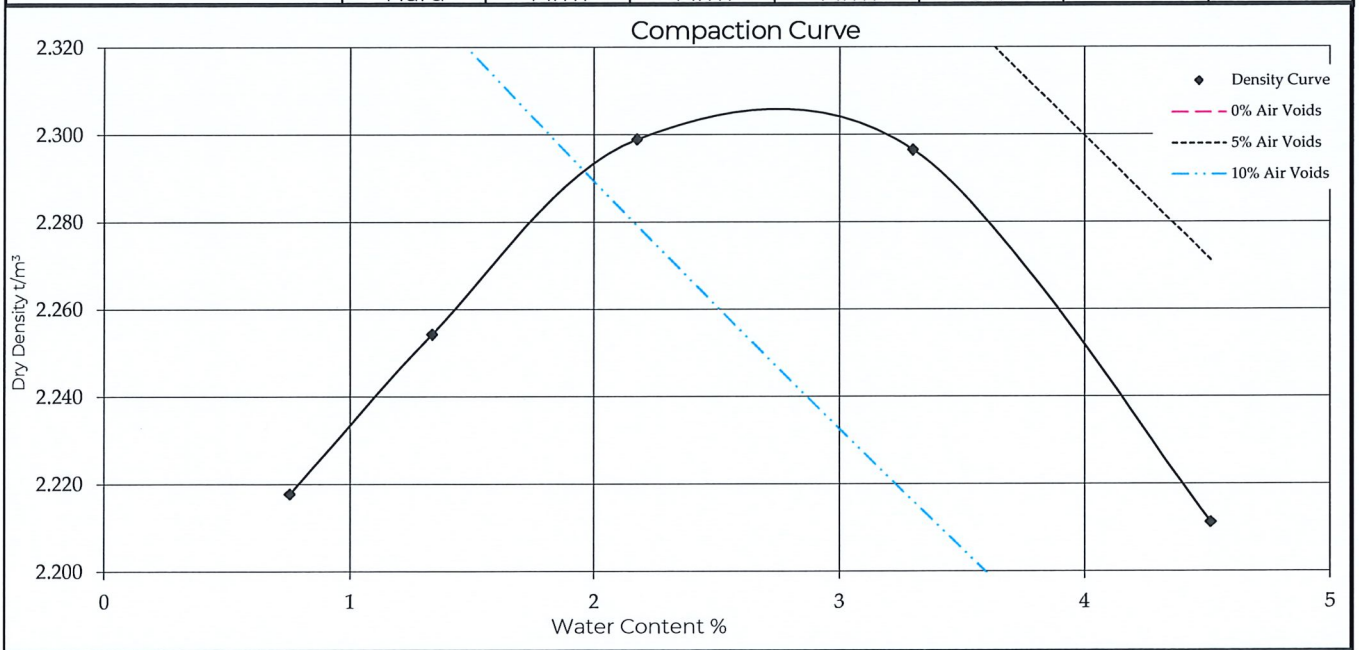
**DRY DENSITY / WATER CONTENT RELATIONSHIP
VIBRATING COMPACTION**



Project : Quality Assurance
 Location : Production Stock
 Client : Road Metals Company Limited
 Contractor : Various
 Sampled by : David Ohs (Road Metals)
 Date sampled : 15 January 2025
 Sampling method : NZS 4407: 2015 (2.4.6.3.2)
 Sample description : River Run
 Sample condition : Damp as received
 Solid density : 2.68 t/m³ (Assumed)
 Source : Waimakariri River

Project No : 6-JRMCO.16/6LC
 Lab Ref No : CH12304
 Client Ref No : Chris Newcombe

Test Results							
Maximum dry density	2.30	t/m ³	Natural water content	2.2	%		
Optimum water content	2.8	%	Fraction tested	Passing 37.5mm			
Sample ID	-2%	-1%	NAT	+1%	+2%		
Bulk density t/m ³	2.235	2.285	2.349	2.372	2.311		
Water content %	0.8	1.3	2.2	3.3	4.5		
Dry density t/m ³	2.218	2.254	2.299	2.297	2.211		
Sample condition	Dry Hard	Wet Firm	Wet Firm	Wet Firm	Saturated Soft		



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

Date tested : 23 January 2025
 Date reported : 27 January 2025

Sampling is covered by IANZ Accreditation
 This report may only be reproduced in full

Approved Signatory

Designation : Laboratory Manager
 Date : 27 January 2025



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