

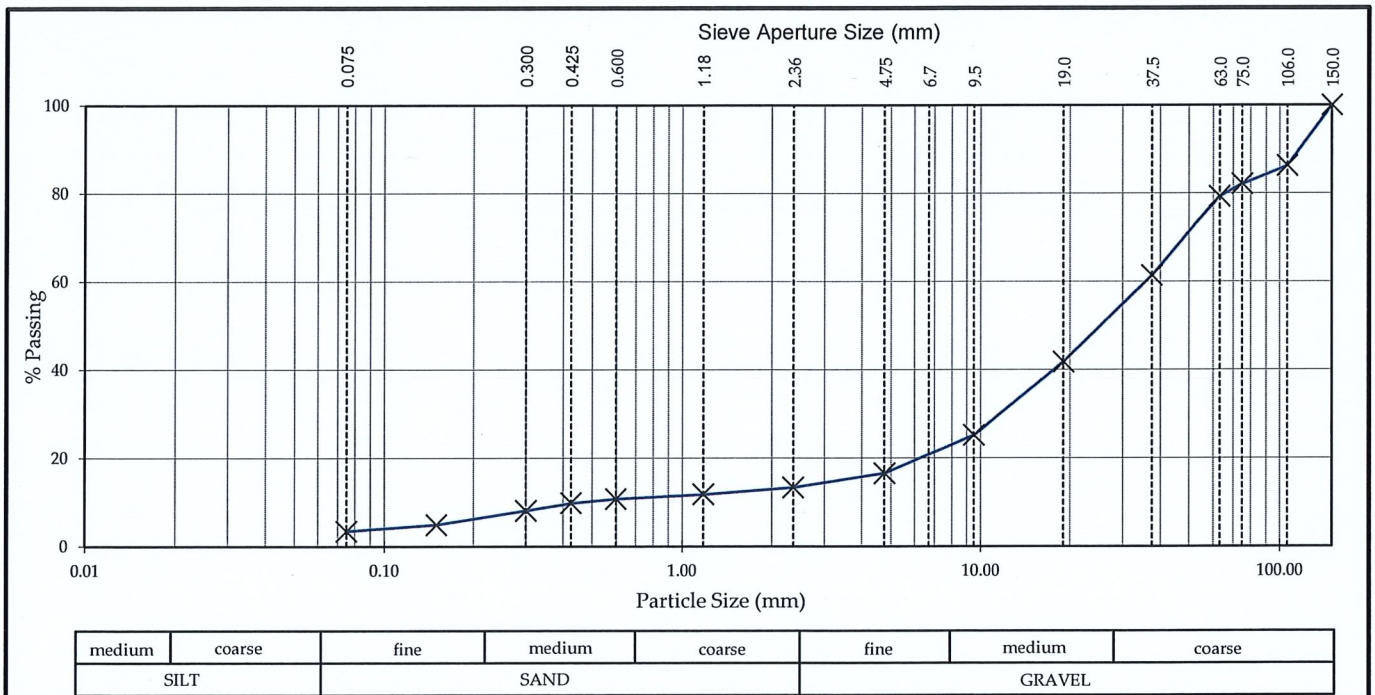
**WET SIEVE ANALYSIS
TEST REPORT**



Project : Quality Assurance
 Location : Production Stock
 Client : Road Metals Company Limited
 Contractor : Various
 Sampled by : Steve Gilbert (Road Metals)
 Date sampled : 14 February 2025
 Sampling method : NZS 4407: 2015 (2.4.6.3.2)
 Sample description : Pit Run
 Sample condition : Damp as received
 Source : Rolleston Quarry

Project No : 6-JRMCO.16/6LC
 Lab Ref No : CH12431
 Client Ref No : 915-170

Sieve Analysis							
Size (mm)	% Passing	Size (mm)	% Passing	Size (mm)	% Passing	Size (mm)	% Passing
150.00	100	37.50	61	4.75	17	0.425	10
106.00	86	19.00	42	2.36	13	0.300	8
75.00	82	9.50	25	1.18	12	0.150	5
63.00	79	6.70	-	0.600	11	0.075	3



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 : 28 February 2025 Sampling is covered by IANZ Accreditation
 Date reported : 5 March 2025 This report may only be reproduced in full

Approved Signatory
 Designation : Laboratory Manager
 Date : 5 March 2025



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

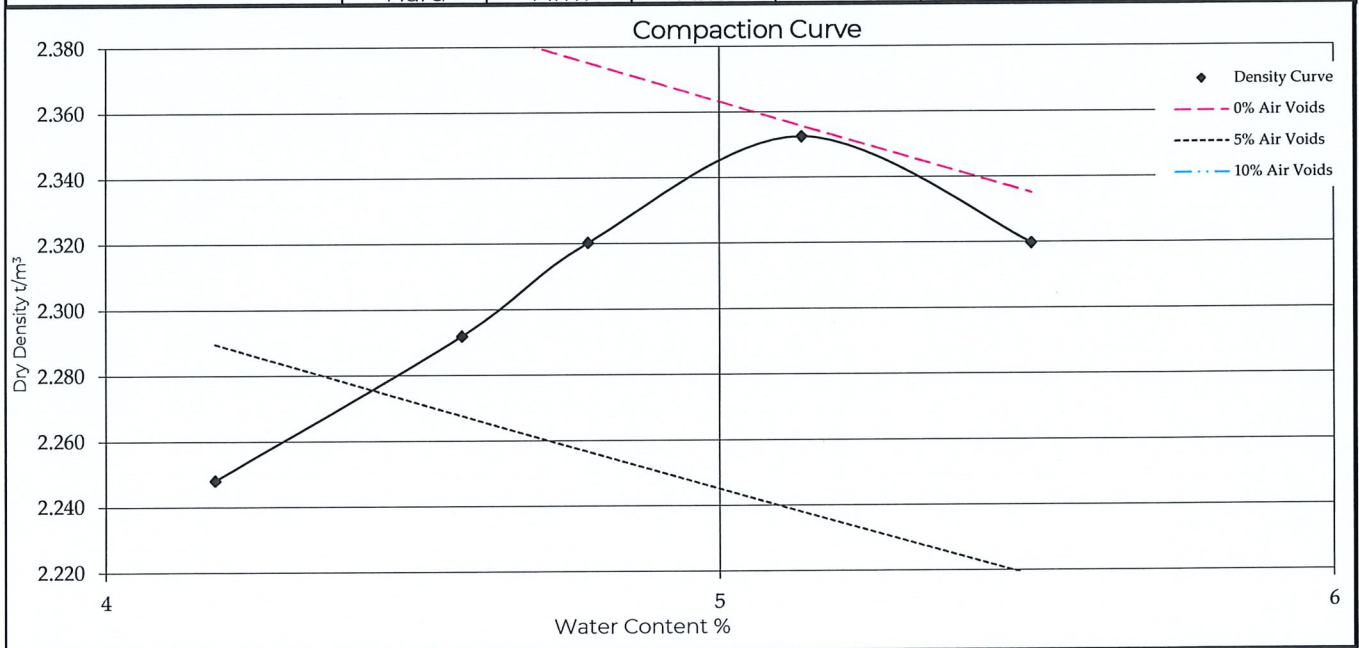
**DRY DENSITY / WATER CONTENT RELATIONSHIP
VIBRATING COMPACTION**



Project : Quality Assurance
 Location : Production Stock
 Client : Road Metals Company Limited
 Contractor : Various
 Sampled by : Steve Gilbert (Road Metals)
 Date sampled : 14 February 2025
 Sampling method : NZS 4407: 2015 (2.4.6.3.2)
 Sample description : Pit Run
 Sample condition : Damp as received
 Solid density : 2.68 t/m³ (Assumed)
 Source : Rolleston Quarry

Project No : 6-JRMCO.16/6LC
 Lab Ref No : CH12431
 Client Ref No : 915-170


Test Results							
Maximum dry density	2.36	t/m ³	Natural water content		4.6	%	
Optimum water content	5.2	%	Fraction tested		Passing 37.5mm		
Sample ID	-2%	Nat	+1%	+2%	+3%		
Bulk density t/m ³	2.342	2.397	2.431	2.473	2.448		
Water content %	4.2	4.6	4.8	5.1	5.5		
Dry density t/m ³	2.248	2.292	2.320	2.353	2.320		
Sample condition	Moist Hard	Moist Firm	Moist Firm	Wet Firm	Saturated Firm		



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

Date tested : 26 February 2025
 Date reported : 5 March 2025

Sampling is covered by IANZ Accreditation
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Approved Signatory 
 Designation : Laboratory Manager
 Date : 5 March 2025



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

CLAY INDEX
TEST REPORT



Project : Quality Assurance
 Location : Production Stock
 Client : Road Metals Company Limited
 Contractor : Various
 Sampled by : Steve Gilbert (Road Metals)
 Date sampled : 14 February 2025
 Sampling method : NZS 4407: 2015 (2.4.6.3.2)
 Sample description : Pit Run
 Sample condition : Damp as received
 Source : Rolleston Quarry


Project No : 6-JRMCO.16/6LC
 Lab Ref No : CH12431
 Client Ref No : 915-170

Test Results	
Clay index :	0.5

Test Method
NZS 4407 : 2015, Test 3.5

Date tested : 28 February 2025
 Date reported : 5 March 2025

Sampling is covered by IANZ Accreditation
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 All information supplied by Client

Approved Signatory 
 Designation : *Laboratory Manager*
 Date : 5 March 2025



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PLASTICITY INDEX FOR AGGREGATES
TEST REPORT



Project : Quality Assurance
 Location : Production Stock
 Client : Road Metals Company Limited
 Contractor : Various
 Sampled by : Steve Gilbert (Road Metals)
 Date sampled : 14 February 2025
 Sampling method : NZS 4407: 2015 (2.4.6.3.2)
 Sample description : Pit Run
 Sample condition : As Received
 Source : Rolleston Quarry

Project No : 6-JRMCO.16/6LC
 Lab Ref No : CH12431
 Client Ref No : 915-170

Test Results	
Client Ref No :	915-170
Cone penetration limit :	24
Plastic limit :	Unable to Roll Threads
Plasticity index :	NP
Sample fraction :	Fraction passing 425µm test sieve

Test Methods	
Cone Penetration	NZS 4407 : 2015 : Test 3.2
Plastic Limit	NZS 4407 : 2015 : Test 3.3
Plasticity Index	NZS 4407 : 2015 : Test 3.4

Date tested : 3 March 2025
 Date reported : 11 March 2025

Sampling is covered by IANZ Accreditation
 This report may only be reproduced in full
 All information supplied by Client

Approved Signatory 

Designation : *Laboratory Manager*
 Date : 11 March 2025



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