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		

Project No :6-JRMCO.16/6LCLab Ref No :CH12304Client 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		



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

Approved Signatory

Designation : Laboratory Manager Date : 27 January 2025

boratory Ma



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

Page 1 of 2

WSP ,

PF-LAB-099 (11/07/2020)

Christchurch (Hayton Rd) Quality Management Systems Certified to ISO 9001 52C Hayton Rd PO Box 1482, Christchurch Mail Centre, 8140, Christchurch, New Zealand

Sampling is covered by IANZ Accreditation

This report may only be reproduced in full

Telephone 03 343 0739 Website www.wsp.com/nz

DRY DENSITY / WATER CONTENT RELATIONSHIP VIBRATING COMPACTION



Project : Location : Client : Contractor : Sampled by : Date sampled : Sampling method : Sample description : Sample condition : Solid density : Source :	Quality As Production Road Meta Various David Ohs 15 January NZS 4407: River Run Damp as r 2.68 Waimakar	surance n Stock als Compa (Road Me 2025 2015 (2.4.6 eceived t/m ³ (Ass iri River	ny Limited tals) 5.3.2) sumed)	Project No Lab Ref No Client Ref N	: : \0:	6-JRMCO CH12304 Chris Nev	.16/6LC vcombe
			Test Results				
Maximum dry density	2.30	t/m ³		Natural wa	ter content	2.2	%
Optimum water content	2.8	%		Fraction tested Passing 37.5mm		ōmm	
Sample ID	-2%	-1%	ΝΑΤ	+1%	+2%		
541101000000000000000000000000000000000	2235	2285	2 3 4 9	2,372	2,311		
Water content %	0.8	1.3	2.2	3.3	4.5		
Drv density t/m^3	2.218	2.254	2.299	2.297	2.211		
Sample condition	Drv	Wet	Wet	Wet	Saturated		
	Hard	Firm	Firm	Firm	Soft		
			Compactic	n Curve			
2.320 2.300 2.280 2.280 2.260 2.240							Density Curve O% Air Voids S% Air Voids 10% Air Voids

2.200 4 5 1 2 3 0 Water Content % Test Methods Notes

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

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

Approved Signatory

Sin

Date :

2.220

Designation : Laboratory Manager 27 January 2025

PF-LAB-027 (19/01/2022)

WSP

Christchurch (Hayton Rd) Quality Management Systems Certified to ISO 9001

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

52C Hayton Rd

PO Box 1482, Christchurch Mail Centre,

8140, Christchurch, New Zealand



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

Page 2 of 2

Telephone 03 343 0739 Website www.wsp.com/nz