AUCKLAND LABORATORY

645 Great South Road Penrose, Auckland

Test Report

Client: McCallum Bros. Ltd
Address: 747 Rosebank Road, Avondale, Auckland

Laboratory No: A26/4536
Final Report No: 155701
Report Date: 22/10/2026

Sample Details

Client reference	Grade 6	**Date sampled:**	09/10/2026 08:00
Job Location:	Pawanui Roading	**Sampled by:**	Shayne Elstob
Material:	Red Rock Chert	**Date of sample receipt**	12/10/2026
Material Source:	Wilco Stockpile		
Sampling method	*Unknown sampling method		

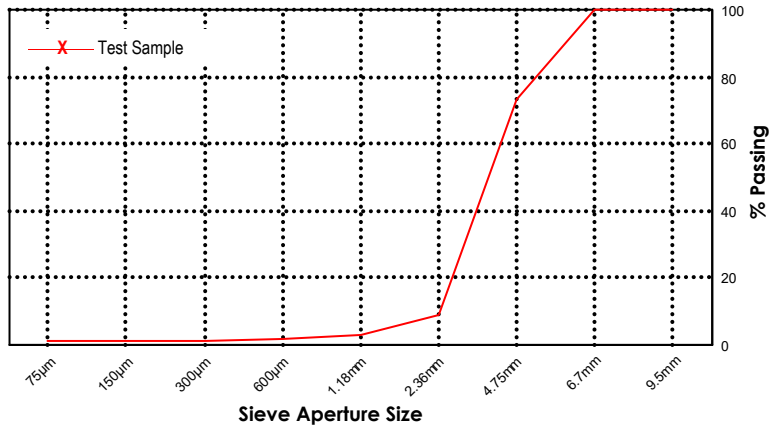
Sample Notes

Sample received in a damp condition.

Test results apply to sample as received.

Method Description	Testing Standard	Date tested
Particle size distribution - Subsidiary method by dry sieving	NZS 4407:2015 Test 3.8.2	12/10/2026

Sieve Size	% Passing	Specification
9.5mm	100	
6.7mm	100	
4.75mm	73	
2.36mm	9	
1.18mm	3	
600µm	2	
300µm	1	
150µm	1	
75µm	1	



Note: *PSD results obtained from an oven dry test sample.*

Method Description	Testing Standard	Date tested
Size and shape of aggregate particles	NZS 4407:2015 Test 3.13	13/10/2026
Cleanness value of coarse aggregate	NZS 4407:2015 Test 3.9	12/10/2026

	Results
Number of particles tested	100
Within 2.5mm of ALD (%)	**100**
AGD/ALD Ratio	**2.14**
ALD (mm)	**3.89**
Passing 4.75mm sieve (%)	73.0
Cleanness value	**49**

Adrian Maiquez
Key Technical Personnel
Field and Pavement Lead
IANZ Accreditation No: 240

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