AUCKLAND LABORATORY

645 Great South Road Penrose, Auckland

Test Report

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

Laboratory No: A26/4535
Final Report No: 155700
Report Date: 22/10/2026

Sample Details

Client reference	Grade 5	**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		

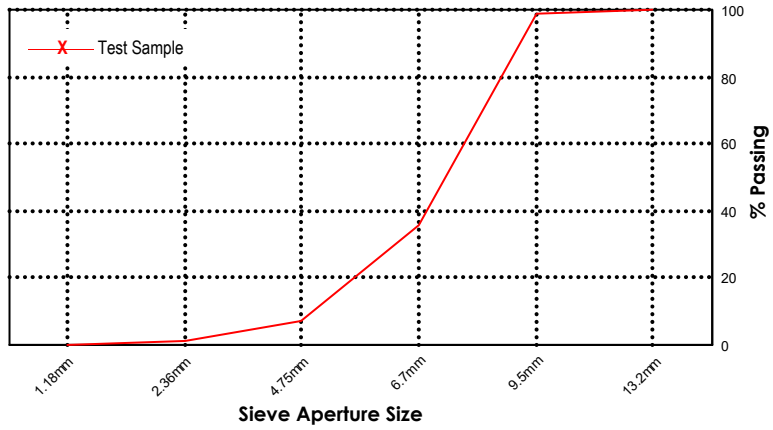
Sample Notes

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
13.2mm	100	
9.5mm	99	
6.7mm	36	
4.75mm	7	
2.36mm	1	
1.18mm	0	



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	12/10/2026
Cleanness value of coarse aggregate	NZS 4407:2015 Test 3.9	12/10/2026

	Results
Number of particles tested	100
AGD/ALD Ratio	**2.16**
ALD (mm)	**5.40**
Passing 4.75mm sieve (%)	7.0
Within 2.5mm of ALD (%)	**93**
Cleanness value	**89**

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

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