


Report No: MAT:WAI21S-02049
Issue No: 1

Material Test Report

Client:
 Manukau Quarries LP
 P O Box 202230
 Takanini

 Auckland 2246
 NZ
Project: Laboratory Testing

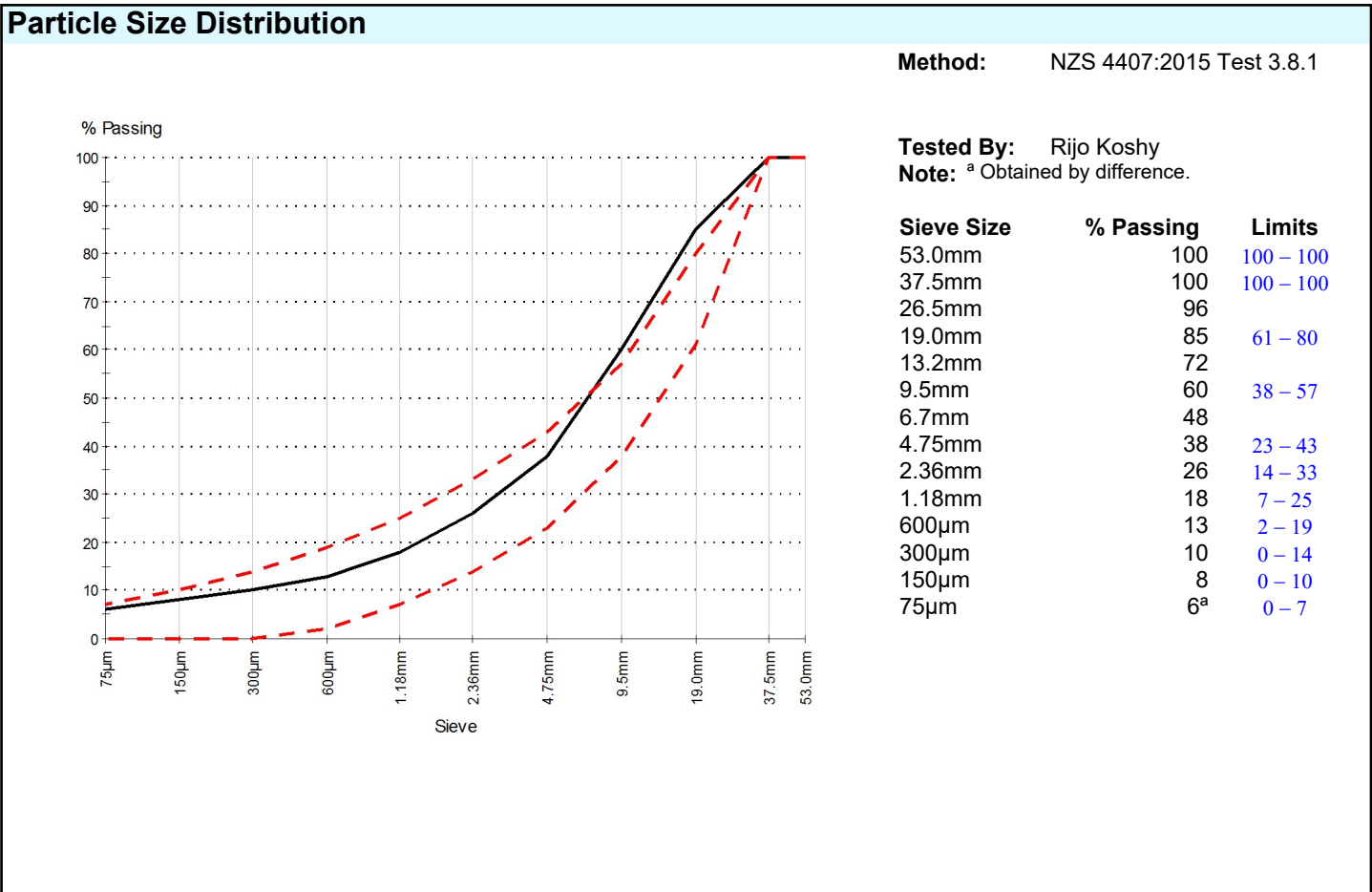


The tests reported herein (unless otherwise indicated) have been performed in accordance with the laboratory's scope of accreditation. Samples are tested as received, in natural condition, unless stated otherwise in the comments. This report may only be reproduced in full.

Ross Lambert
 Approved Signatory: Ross Lambert
 (IANZ/Bituminous Supervisor)
 IANZ Accreditation No:561
 Date of Issue: 17/06/2021

The results in this report relate only to the items / samples that were tested

Sample Details		Other Test Results			
Sample ID:	WAI21S-02049	Description	Method	Result	Limits
Client Sample ID:	Manarc 40 MR 9	Moisture Content (%)	NZS 4407:2015 Test 3.1	5.1	
Material:		Sand Equivalent	NZS 4407:2015 Test 3.6	34.0	≥25
Sample Source:		Shaking Method		Mechanical	
Site/Sampled From:		Preparation Method		Brushed	
Date Sampled:	04/06/2021	Plasticity Index	NZS 4407:2015 3.4	11	
Specification:	Clevedon - Manarc 40 MR 9	Plastic Limit	NZS 4407:2015 3.3	21	
Sampled By:	Unknown	Cone Penetration Limit	NZS 4407:2015 3.2	32	
Sampling Method:	Not Advised - Not Accredited	Sample History		Air-dried	
Date Tested:	10/06/2021	Test performed on		Fraction passing 425µm sieve	
Technician:	Rijo Koshy				
Sampling Endorsed?:	No				



Comments
 N/A