



A TETRA TECH COMPANY

**East Tamaki Laboratory**

Coffey Services (NZ) Limited

144A Cryers Road, East Tamaki NZ 2013  
PO Box 58877, Botany, Manukau NZ 2163

Phone: +64 9 272 3375  
Fax: +64 9 272 3378

# Material Test Report

**Report No: ETAM18S-11044-1**  
**Issue No: 1**

**Client:** Landscaping Direct Ltd  
PO Box 1629  
Taupo 3351


**Principal:** Shaun Fredricksen

**Project No.:** 773-ETAM00534AA

**Project Name:** Scoria Properties Testing - Takanini

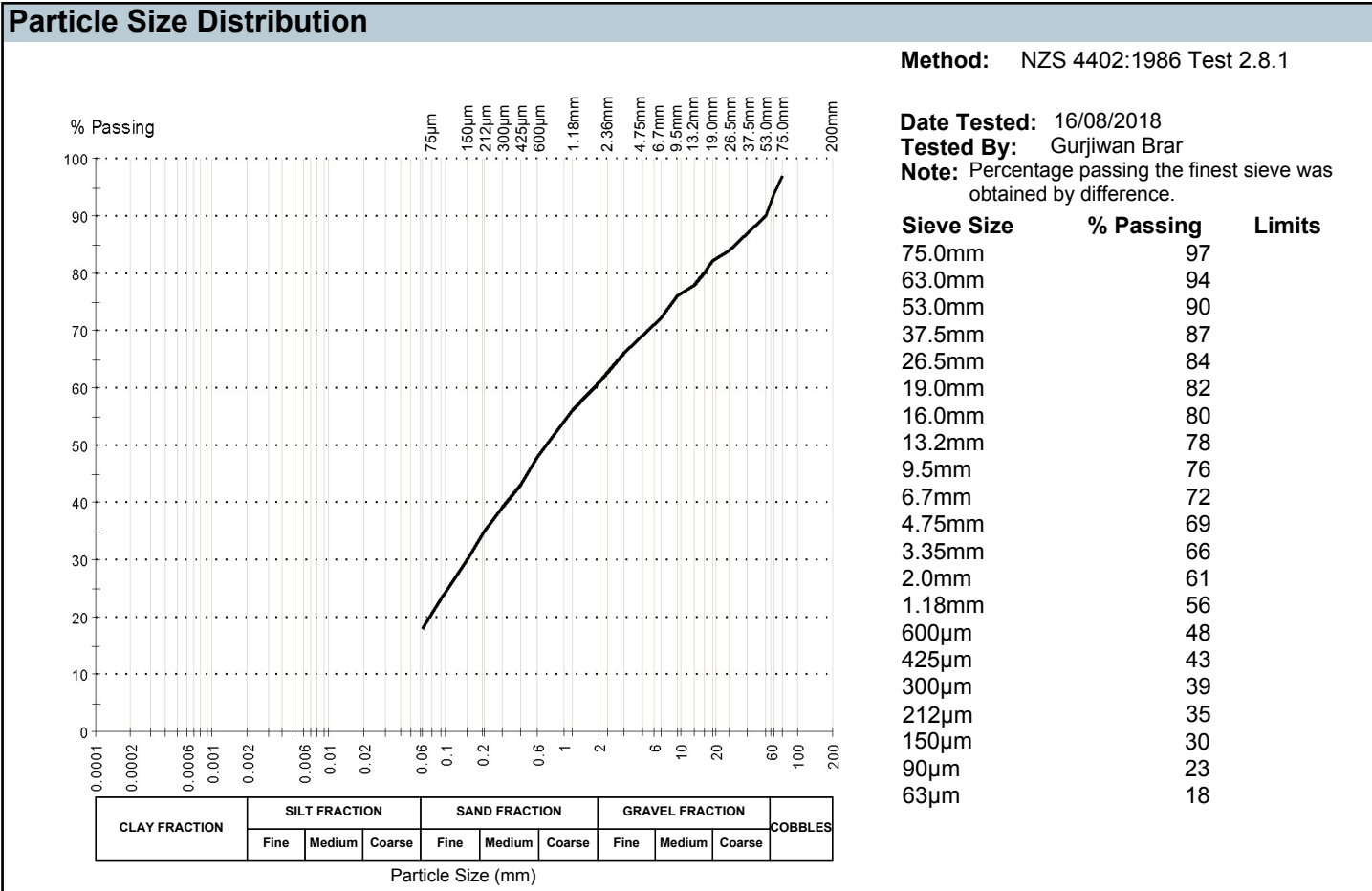
**Lot No.:** TRN:

All tests reported herein have been performed in accordance with the laboratory's scope of accreditation.  
{This document may not be altered or reproduced except in full. This report relates only to the positions tested.}



Approved Signatory: Ramir Casidsid  
(Laboratory Team Leader)  
IANZ Accredited Laboratory Number:105  
Date of Issue: 27/08/2018

Sample Details		Other Test Results			
<b>Sample ID:</b>	ETAM18S-11044	<b>Description</b>	<b>Method</b>	<b>Result</b>	<b>Limits</b>
<b>Client Sample:</b>	-	Moisture Content (%)	NZS 4402:1986 Test 2.1	18.9	
<b>Date Sampled:</b>	07/08/2018	Date Tested		14/08/2018	
<b>Source:</b>	Taupo Quarry	Solid Particle Density (t/m <sup>3</sup> )	NZS 4402:1986 Test 2.7.1	1.64	
<b>Material:</b>	Pumice	History		Oven Dried	
<b>Specification:</b>	NZ Grading Full	Test Performed on Fraction		Passing 19 mm Sieve	
<b>Sampling Method:</b>	NZS4407: 2015 Part 2.4.6.3.1	Date Tested		27/08/2018	
<b>Project Location:</b>	35 Rangī Road, Takanini				
<b>Sample Location:</b>	Bottom Pit,(Coarser)				



**Comments**

Work Order No : ETAM18W03521