



A TETRA TECH COMPANY

**East Tamaki Laboratory**

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**Report No: MDD:ETAM18S-11044**

**Issue No: 1**

# Maximum Dry Density Report

<b>Client:</b>	Landscaping Direct Ltd PO Box 1629 Taupo 3351
<b>Principal:</b>	Shaun Fredricksen
<b>Project No.:</b>	773-ETAM00534AA
<b>Project Name:</b>	Scoria Properties Testing - Takanini
<b>Lot No.:</b>	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.}

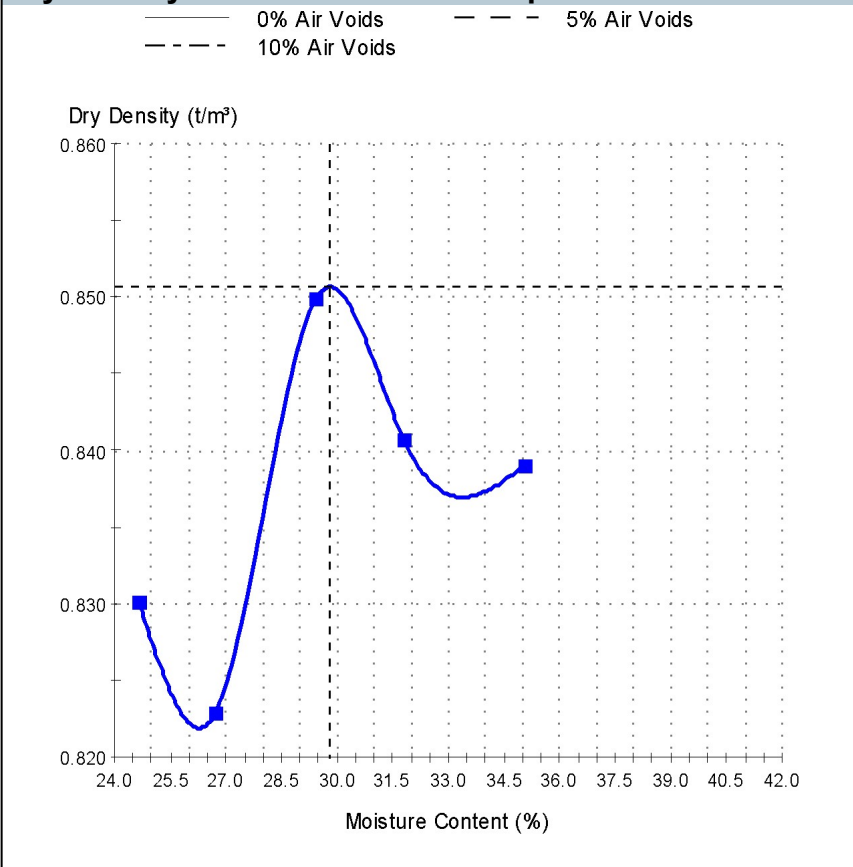


Approved Signatory: Ramir Casidsid  
(Laboratory Team Leader)  
IANZ Accredited Laboratory Number:105  
Date of Issue: 27/08/2018

## Sample Details

<b>Sample ID:</b>	ETAM18S-11044	<b>Sampling Method:</b>	NZS4407: 2015 Part 2.4.6.3.1
<b>Date Sampled:</b>	7/08/2018	<b>Material:</b>	Pumice
<b>Date Submitted:</b>	14/08/2018	<b>Source:</b>	Taupo Quarry
<b>Date Tested:</b>	16/08/2018	<b>Specification:</b>	NZ Grading Full
<b>Project Location:</b>	35 Rangī Road, Takanini		
<b>Sample Location:</b>	Bottom Pit, (Coarser)		

## Dry Density - Moisture Relationship



## Test Results

NZS 4402:1986 Test 4.1.1

<b>Maximum Dry Density (t/m³):</b>	<b>0.85</b>
<b>Optimum Moisture Content (%):</b>	<b>30</b>
<b>Solid Density (t/m³):</b>	1.640
<b>Oversize Sieve (mm):</b>	19.0
<b>Oversize Material (%):</b>	18
<b>Sample History:</b>	Natural

## Comments

Work Order NO : ETAM18W03521  
Tested BY : GB