



**Report No: MDD:CAN20S-07692**
**Issue No: 1**

# Maximum Dry Density Report

**Client:**  
 Woodstock Quarries Ltd  
 39 Stott Drive  
 RD 1  
 Darfield 7571

**Project:** QA 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.

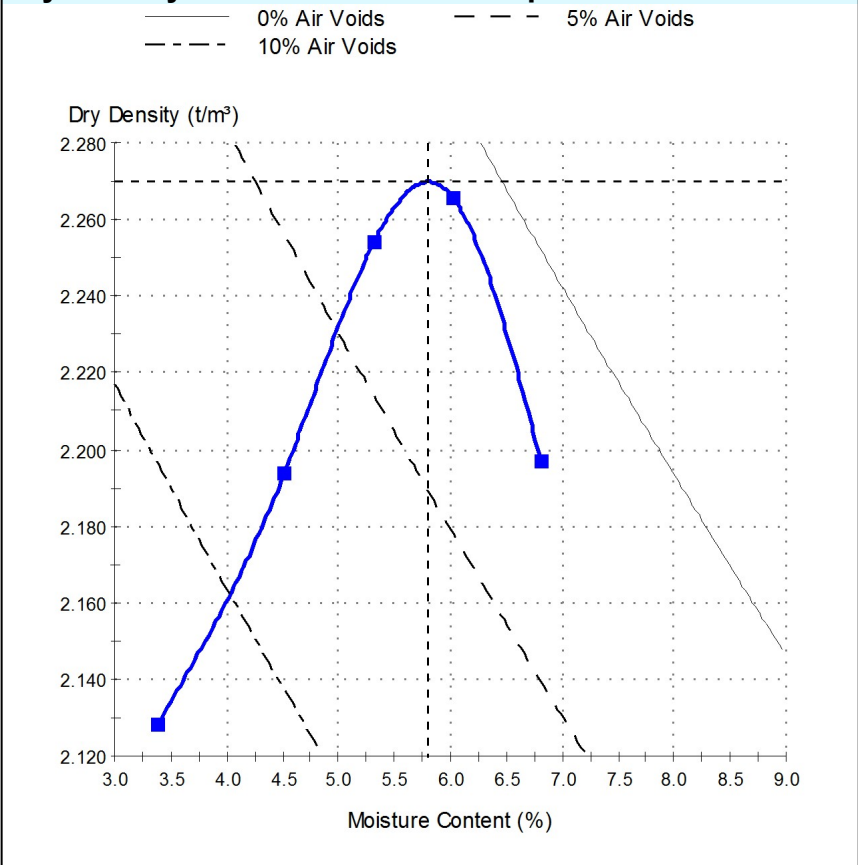
The results in this report relate only to the items / samples that were tested

Approved Signatory: Liam Brennan  
 (Laboratory Technician)  
 IANZ Accreditation No:200  
 Date of Issue: 21/05/2020

## Sample Details

<b>Sample ID:</b>	CAN20S-07692	<b>Client Sample ID:</b>	QA Testing
<b>Material:</b>	Silty Sandy Gravel	<b>Sample Source:</b>	Miscellaneous Material Source
<b>Site/Sampled From:</b>	Woodstock Quarry	<b>Date Sampled:</b>	15/05/2020
<b>Specification:</b>	Vibrating Hammer Compaction Test	<b>Sampled By:</b>	Advised - See Comments
<b>Sampling Method:</b>	As Received - Not Accredited	<b>Date Tested:</b>	20/05/2020
<b>Technician:</b>	Liam Brennan	<b>Sampling Endorsed?:</b>	No

## Dry Density - Moisture Relationship



## Test Results

NZS 4402:1986 Test 4.1.3 - 1986

**Maximum Dry Density (t/m³):** 2.26  
**Optimum Moisture (%):** 6.0  
**Solid Density (t/m³):** 2.66 assumed  
**Fraction Tested Passes (mm):** 37.5  
**Material Removed (%):** 5  
**Sample History:** Natural  
**Tested By:** Liam Brennan  
**Date Tested:** 20/05/2020

## Comments

Compaction for test point @ 6.8% ceased prior to 3 minutes due to oversaturation causing ejection of fines from sample.  
 Material sampled by Darryn Shepherd.  
 Loose pour Bulk Density = 1.5t/m³ @ 2.96%