LIQUIDLABSWA
CONSTRUCTION MATERIALS TESTING LABORATORY

MODIFIED DRY DENSITY & MOISTURE CONTENT RELATION OF SOIL TEST REPORT

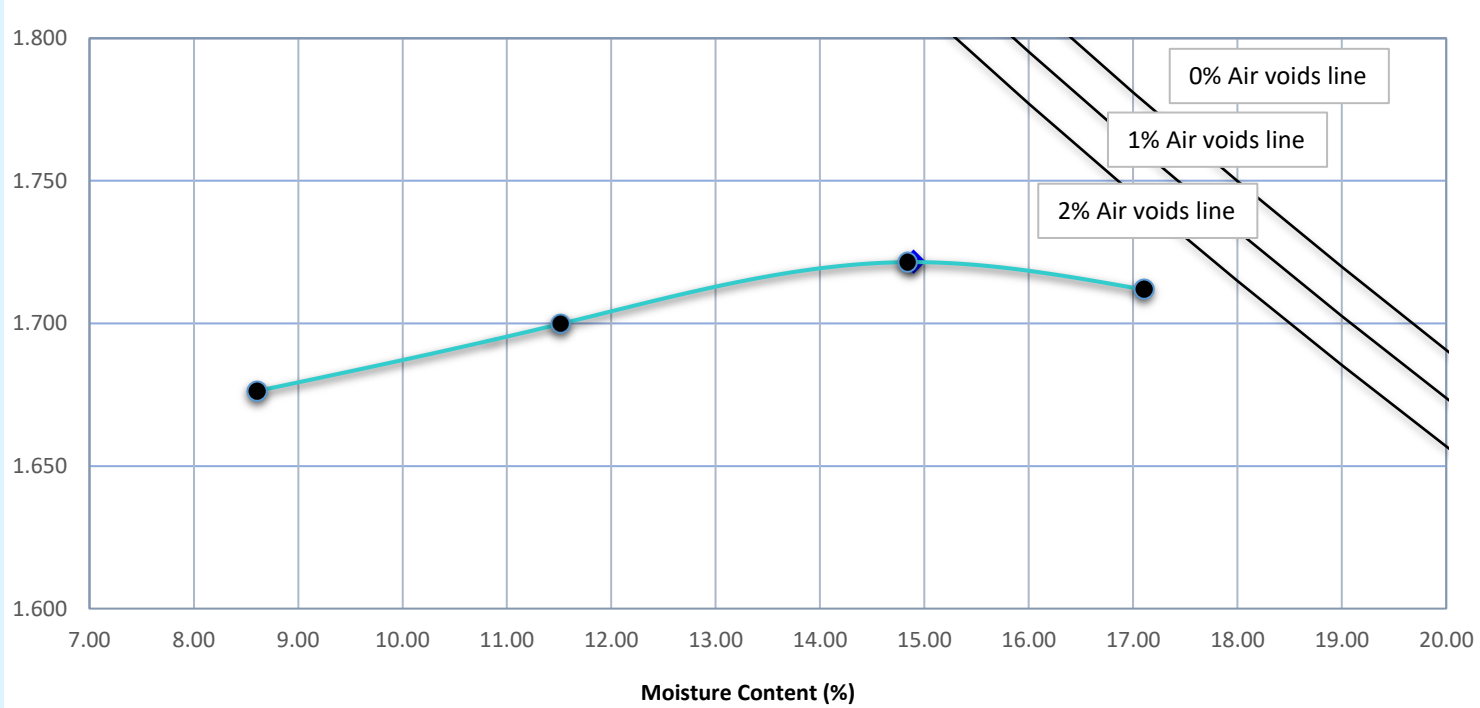
AS 1289.5.2.1

Client	**Stass Environmental**	Ticket No.	**S2607**
Client Address	**PO Box 11, Kalamunda**	Report No.	**LLS18/5525_1_MMDD**
Project	**Material Assessment**	Sample No.	**LLS18/5525**
Sampling Location	**Waroona Pit**	Date Received	**-**
Sample Identification	**SE1**	Date Tested	**23/11/2018**
Sampling Method	**Sampled by Client, Tested as Received**	Preparation Method	**AS1289.1.1**
Liquid Limit Method	**Visual/tactile assessment by competent technician**	Sample Curing Time	**2 Hours**

	Oversize Material
Retained 19.0mm (%)	**0**
Retained 37.5mm (%)	**0**

AS 1289.5.2.1, 2.1.1, 1.1	**Laboratory Moisture & Density Results**				
Moisture Content (%)	**8.6**	**11.5**	**14.8**	**17.1**	
Dry Density (t/m³)	**1.676**	**1.700**	**1.721**	**1.712**	

Plot: Dry Density vs. Moisture Content



Modified Maximum Dry Density (t/m³)	**1.72**
Modified Optimum Moisture Content (%)	**15.0**

Comments:

The above air void lines are derived from a calculated apparent particle density of 2.555 t/m³

Approved Signatory:

Name: Matt van Herk
Function: Laboratory Manager
Date: 27-November-2018

NATA WORLD RECOGNISED ACCREDITATION

Accredited for compliance with ISO/IEC 17025 - Testing

Accreditation No. 19872

This document may not be reproduced except in full.