SMS GEOTECHNICAL
Quality in Construction

SMS Geotechnical (SE) Pty. Ltd.
167 Dohle Road
Yahl, SA 5291
Ph. 0414 995 917
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Material Test Report

Client:	Henschke Industries
	31 Blackwell Road, NARACOORTE SA 5271
Project No:	SMS4.21081
Project:	Geotechnical Testing
Location:	Naracoorte

NATA WORLD RECOGNISED ACCREDITATION

NATA Accredited Laboratory Number:GAM

Accredited for compliance with ISO/IEC 17025-Testing
The results in this report relate only to the items/samples that were tested.

Approved Signatory: Callum Smith
(Director)
Date of Issue: 2/07/2021
THIS DOCUMENT SHALL NOT BE REPRODUCED EXCEPT IN FULL

Sample Details

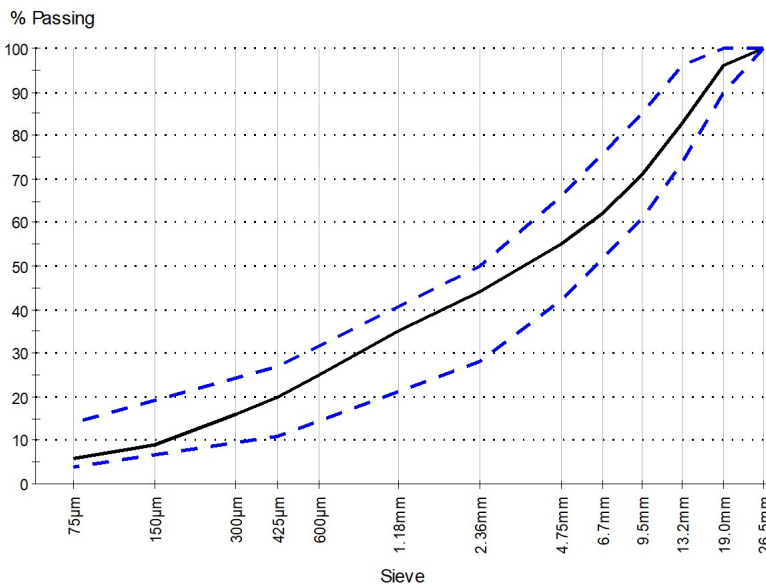|	
Sample ID	4-2101366
Sample Location	Sample #7
Sampling Method	Submitted by Client
Specification	PM2/20QG
Material Description	pale brown

Other Test Results

Description	Method	Result	Limits
Los Angeles Value (%)	AS 1141.23	41	≤45
Test Grading		B	
Date Tested		1/07/2021	

Particle Size Distribution

TSA-MAT-TP134

Date Tested: 28/06/2021

% Passing

Sieve

Sieve Size	% Passing	Limits
26.5mm	100	100
19.0mm	96	90 – 100
13.2mm	83	74 – 96
9.5mm	71	61 – 85
6.7mm	62	
4.75mm	55	42 – 66
2.36mm	44	28 – 50
1.18mm	35	
600µm	25	
425µm	20	11 – 27
300µm	16	
150µm	9	
75µm	6	4 – 14

Comments

NP = Non Plastic

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Other Test Results

Description	Method	Result	Limits
Sample History	AS 1289.1.1	Air-dried	
Preparation	AS 1289.1.1	Dry Sieved	
Linear Shrinkage (%)	AS 1289.3.4.1	0.0	≤ 4
Mould Length (mm)		250	
Crumbling		No	
Curling		No	
Cracking		No	
Liquid Limit (%)	AS 1289.3.1.2	N/A	≤ 28
Plastic Limit (%)	AS 1289.3.2.1	NP	
Plasticity Index (%)	AS 1289.3.3.1	NP	$1 - 8$
Date Tested		30/06/2021	

Comments

NP = Non Plastic