

CONSTRUCTION MATERIAL TESTING Aggregate/Soil Test Report

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Report No: MAT:PR-20/0036-3

Issue No: 1

This report replaces all previous issues of report no 'MAT:PR-20/0036-3'.

Client: Ross Contractors
RSD 603 Greenwith Road
Golden Grove SA 5125

Project No.: PR-20/0036

Project: Sand Testing - 2020

Lot No: **TRN:**



Accredited for compliance with ISO/IEC 17025 - Testing



NATA Accredited
Laboratory Number:
375

Approved Signatory: Lorena Villacis (Senior
Laboratory Technician)

Date of Issue: 17/03/2020

THIS DOCUMENT SHALL NOT BE REPRODUCED EXCEPT IN FULL

Sample Details

Sample ID: PR-20/0036-3
Lot No.:
Client Sample ID: TS4 Sand
Date Received: 5/03/2020
Date Sampled: 5/03/2020
Source: On site
Material: TS4 SAND
Specification: SA Water TS 4 Packing Sand
Location:
Sampling Method: Sample submitted by client
Sampled From: Stockpile

Other Test Results

Description	Method	Result	Limits
Moisture Content (%)	AS 1289.2.1.1	6.9	
Sample History	AS 1289.1.1	Oven-dried	
Preparation	AS 1289.1.1	Dry Sieved	
Linear Shrinkage (%)	AS 1289.3.4.1	0.0	
Mould Length (mm)		250	
Crumbling		No	
Curling		No	
Cracking		No	
Liquid Limit (%)	AS 1289.3.1.2	N/A	
Plastic Limit (%)	AS 1289.3.2.1	NP	
Plasticity Index (%)	AS 1289.3.3.1	NP	
pH Value (pH)	AS 1289.4.3.1	6.5	≥5.0
Mean Resistivity (O.m)	AS 1289.4.4.1	80	≥50
Density Ratio (%)			

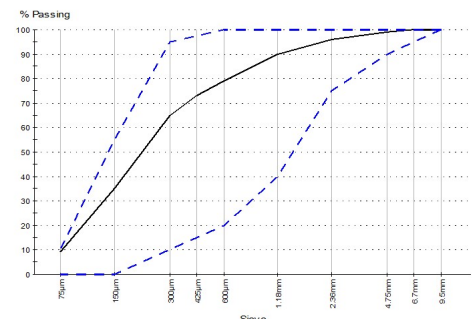
Particle Size Distribution

Method: AS 1141.11.1
Drying by: Oven

Note: Sample Washed

Sieve Size	% Passing	Limits
9.5mm	100	100
6.7mm	100	95≤α≤100
4.75mm	99	90≤α≤100
2.36mm	96	75≤α≤100
1.18mm	90	40≤α≤100
600µm	79	20≤α≤100
425µm	73	
300µm	65	10≤α≤95
150µm	35	0≤α≤55
75µm	9	0≤α≤10

Chart



Comments

NP = Non Plastic
Mean Dry Density (t/m³):1.68, Mean Moisture Content (%):25.8, Percentage retained on 2.36mm sieve:4%