

Material Test Report

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geotechnical & environmental solutions

Report Number: P244010-3
Issue Number: 1
Date Issued: 05/03/2024
Client: P. F. Formation
 1 Patricia Fay Drive, Maroota NSW 2765

Alliance Geotechnical Pty Ltd
 10 Welder Road Seven Hills NSW 2147
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Contact: Joshua Graham
Project Number: P244010
Project Name: Laboratory Testing - Maroota
Project Location: 1 Patricia Fay Drive, Maroota
Work Request: 32674
Sample Number: 24-32674A
Date Sampled: 26/02/2024
Dates Tested: 28/02/2024 - 04/03/2024
Sampling Method: Sampled by Client



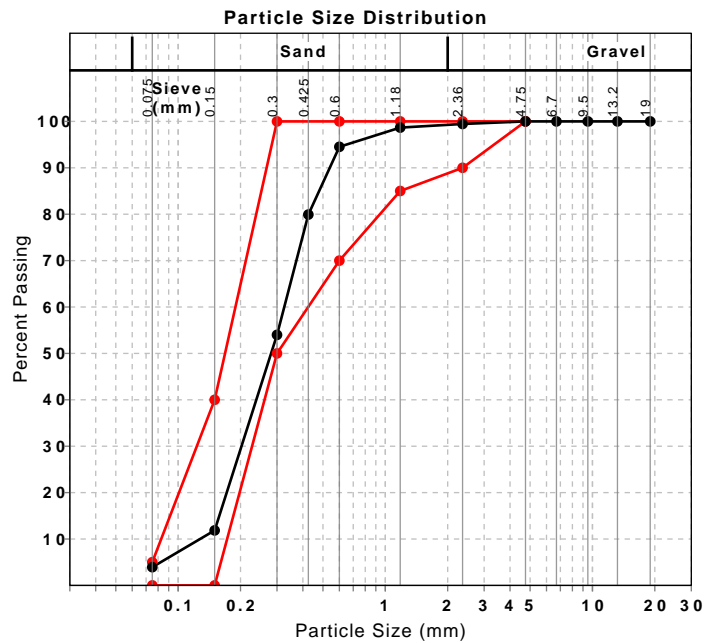
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B. Bellingham

Approved Signatory: Brett Bellingham
 Conformance Testing Manager
 NATA Accredited Laboratory Number: 15100

Preparation Method: AS 1289.1.1 - Sampling and Preparation of Soils
Remarks: Product Specification; WSA_PS_350 Compaction Sand for Pipe Embedment. Table 350.1 Grade B.
Sample Location: Type B; Compaction Sand
Material: SAND; fine to coarse, yellow, trace fine gravel, trace silt

Particle Size Distribution (AS1289 3.6.1)			
Sieve	Passed %	Passing Limits	
19 mm	100		
13.2 mm	100		
9.5 mm	100		
6.7 mm	100		
4.75 mm	100	100	100
2.36 mm	99	90	100
1.18 mm	99	85	100
0.6 mm	95	70	100
0.425 mm	80		
0.3 mm	54	50	100
0.15 mm	12	0	40
0.075 mm	4	0	5



Report Number: P244010-1
Sample Number: 24-32674A
Sample Source: Type B; Compaction Sand

Sample Date: 26/02/2024
Test Date: 29/02/2024
Report Date: 06/03/2024

Project Number: P244010
Project Name: Laboratory Testing - Maroota
Project Location: 1 Patricia Fay Drive, Maroota
Issue Number: 1
Reissue Reason: N/A.
Client: P. F. Formation
Client Address: 1 Patricia Fay Drive, Maroota 2765, NSW
Client Contact: Joshua Graham <josh@pfformation.com.au>
Soil Description: SAND; fine to coarse, yellow, (trace fine gravel, trace silt)

Sample Information

Percentage Oversize Retained on 2.36mm Sieve (%)	0.5
Mean Moisture Content of Soil (%)	27.8
Mean Dry Density (t/m ³)	1.53

Results

Mean Resistivity of Soil (Ω m)	380
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Additional Comments

1. Distilled water used to saturate sample in accordance with AS1289.4.4.1.
2. Sample requirements: ER – >1500 Ω m.cm
3. Report Remarks: Product Specification; WSA_PS_350 Compaction Sand for Pipe Embedment. Table 350.1 Grade B.



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NATA Accredited Laboratory Number:

Approved Signatory:

Ian Goldschmidt
Specialised Testing Manager



Report Number: P244010-1
Sample Number: 24-32674A
Sample Source: Type B; Compaction Sand

Sample Date: 26/02/2024
Test Date: 29/02/2024
Report Date: 04/03/2024

Project Number: P244010
Project Name: Laboratory Testing - Maroota
Project Location: 1 Patricia Fay Drive, Maroota
Issue Number: 1
Reissue Reason: N/A
Client: P. F. Formation
Client Address: 1 Patricia Fay Drive, Maroota NSW 2765
Client Contact: Joshua Graham <josh@pfformation.com.au>
Sample Description: SAND; fine to coarse, yellow, (trace fine gravel, trace silt)

Test Details

pH of Distilled Water	6.8
Moisture Condition	Air-dried
Temperature (°C)	20
Soil to Water Ratio	30:75

Results

Mean pH of Soil	5.8
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Additional Comments

Sample requirements: pH – Range 5-9

Report Remarks: Product Specification; WSA_PS_350 Compaction Sand for Pipe Embedment. Table 350.1 Grade B.



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15100

Approved Signatory:

Ian Goldschmidt
Specialised Testing Manager