



## TEST REPORT NO.: 17 – 0435

Report Date: 30<sup>th</sup> January 2018

Client:

By Email:

Sample: 1 of Sand

Our Ref.: 17/A/2001

Date Received: 8<sup>th</sup> December 2017

Sampled By: Client

Analysis Required: **Carbonate Content (Rapid Titration by C.S.  
Piper Method)**

**Aggregate Soundness by Exposure to Sodium  
Sulphate Solution (AS 1141.24)**

**SAMPLE NOTES:**

*Unless otherwise notified, all samples will be disposed of within three months of reporting date.*

Yours faithfully,

**SHARP AND HOWELLS PTY. LTD.**

*JKEllingsen*

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**RESULTS OF ANALYSIS:**

1. **Carbonate Content:** (Rapid Titration by C.S. Piper Method)

Lab Number:	17/A/2001
Sample Marked:	Sample ID: 313 Date: 7/12/2017 Sand Type: 2A Filter
Sample Description:	Tan coloured sand
Calcium Carbonate Content, as CaCO <sub>3</sub> , % w/w:	1.0

2. **Aggregate Soundness – Evaluation by Exposure to Sodium Sulphate Solution:** (AS 1141.24)

Our Ref.:	17/A/2001
Sample Marked:	Sample ID: 313 Date: 7/12/2017 Sand Type: 2A Filter
Sample Description:	Tan coloured sand
Test Fraction Loss, % w/w: (Passing 4.75 mm, Retained 2.36 mm)	Less than 0.1
Test Fraction Loss, % w/w: (Passing 2.36 mm, Retained 1.18 mm)	0.2
Test Fraction Loss, % w/w: (Passing 1.18 mm, Retained 600 µm)	0.1
Test Fraction Loss, % w/w: (Passing 600 µm, Retained 300 µm)	0.1
Total Weighted Loss, % w/w:	0.4