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Client:	Aden Aggregates	Project:	Grasso Quarry QC 2025
Material:	3/8 Stone	Project Number:	250005
Source:	Grasso Quarry	Lab Number:	25-1368A
Location:	Stockpile	Specification:	DOT
Date Sampled:	10/6/2025	Sampled By:	Client
Date Tested:	10/20/2025	Tested By:	Robert Thomas

Report of 5 Cycle Sodium Sulfate Soundness Test
Test Method: ASTM C88

Test Sample Gradation			Test Sample					
Sieve Size	Original Grading	Weighing Factor	Original Weight	Basket Number	Final Weight	Weight Loss	Percent Wt. Loss	Wgtd. Avg. Corr. % Loss
2.5 - 2in (63mm - 50mm)	0.0	0.000	0.0	0	0.0	0.0	0.00	0.00
2 - 1.5in (50 - 37.5mm)	0.0			0				
1.5 - 1in (37.5 - 25mm)	0.0	0.000	0.0	0	0.0	0.0	0.00	0.00
1 - 3/4in (25 - 19mm)	0.0			0				
3/4 - 1/2in (19 - 12.5mm)	4.9	0.319	1006.9	49A	896.5	110.4	10.96	3.50
1/2 - 3/8in (12.5 - 9.5mm)	25.2			38A				
3/8in - No. 4 (9.5 - 4.75mm)	64.3	0.681	300.5	30A	297.5	3.0	1.00	0.68
Total	94.4	1.000						4.18

Sample Composition: Grey Crushed Stone

Principal Form of Degradation: Disintegration

Specification:

Comments:

Emily J. Rodriguez

Report Reviewed By: _____

The simple acceptance/rejection decision rule is utilized to determine in-tolerance and out of tolerance or pass/fail conditions and no measurement of uncertainty is applied in this determination.

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