



# Gradation Test Report

**Product** screenings-Stone Dust  
**Specification** Screenings

## Sample Information

**Sample No** 587737973 **Split Sample**   
**Date Sampled** 12/12/2024 16:29 **Resample**   
**Type** Production  
**Method** Belt Stream

## Gradation Results

**Date Completed** 12/12/2024 16:29

| Unit          | Moist Mass    | Dry Mass          | Wash Mass      | Moisture % | Wash Loss % | Procedure |               |         |
|---------------|---------------|-------------------|----------------|------------|-------------|-----------|---------------|---------|
| g             | 335.70        | 326.00            | 292.00         | 3.0        | 10.4        |           |               |         |
| Sieve         | Mass Retained | Cum Mass Retained | Ind % Retained | % Retained | % Passing   | Target    | Specification | Comment |
| 3/8" (9.5mm)  | 0.00          | 0.00              | 0.0            | 0.0        | 100.0       |           |               |         |
| 1/4" (6.3mm)  | 2.40          | 2.40              | 0.7            | 0.7        | 99.3        |           |               |         |
| #4 (4.75mm)   | 17.51         | 19.91             | 5.4            | 6.1        | 93.9        |           |               |         |
| 1/8" (3.17mm) | 63.90         | 83.81             | 19.6           | 25.7       | 74.3        |           |               |         |
| #8 (2.36mm)   | 29.80         | 113.61            | 9.1            | 34.8       | 65.2        |           |               |         |
| #16 (1.18mm)  | 64.00         | 177.61            | 19.6           | 54.5       | 45.5        |           |               |         |
| #30 (.6mm)    | 37.90         | 215.51            | 11.6           | 66.1       | 33.9        |           |               |         |
| #40 (.425mm)  | 15.20         | 230.71            | 4.7            | 70.8       | 29.2        |           |               |         |
| #50 (.3mm)    | 12.90         | 243.61            | 4.0            | 74.7       | 25.3        |           |               |         |
| #100 (.15mm)  | 24.70         | 268.31            | 7.6            | 82.3       | 17.7        |           |               |         |
| #200 (75µm)   | 18.00         | 286.31            | 5.52           | 87.83      | 12.17       |           |               |         |
| Pan           | 4.80          | 291.11            | 12.17          | 100.00     | 0.00        |           |               |         |