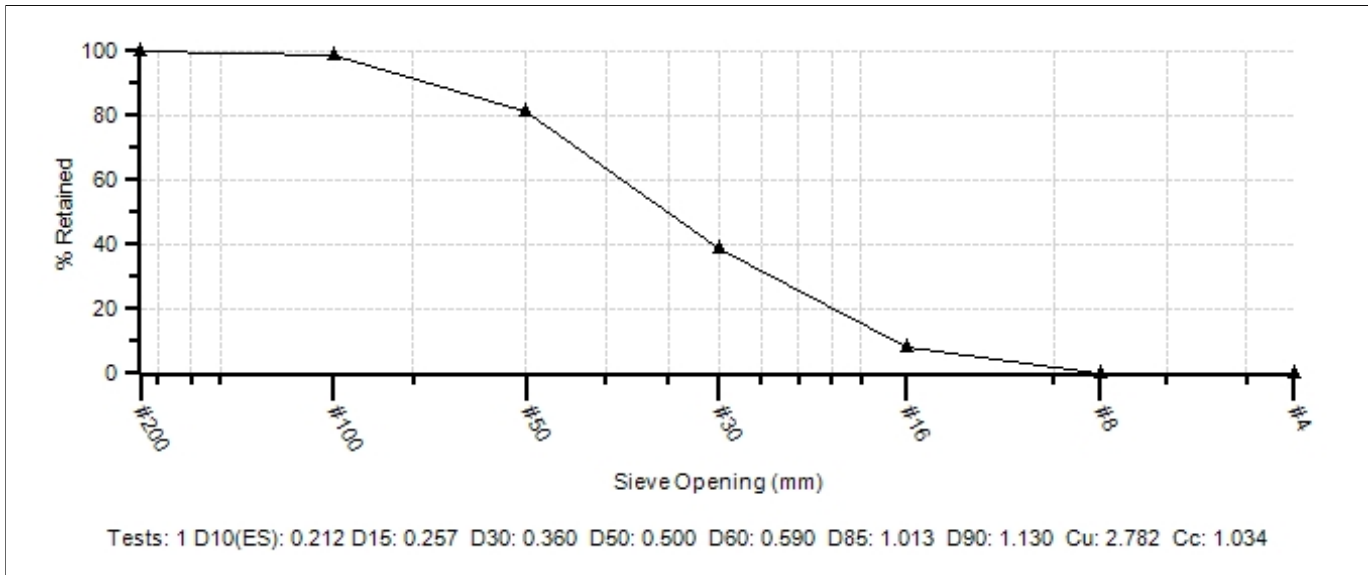




# Detail Gradation Statistical Summary Report

**Plant** 1050-Independent North Mine (FDOT Pit #11-490)  
**Product** 1001-FDOT Concrete Silica Sand Code F01  
**Specification** FLDOT Silica Sand  
**Period** 07/09/2020 - 07/16/2020

| Sieve/Test     | Tests | Average | Min  | Max  | Range | St Dev | Target        | Specification | PWS |
|----------------|-------|---------|------|------|-------|--------|---------------|---------------|-----|
| #4 (4.75mm)    | 1     | 0       | 0    | 0    | 0     |        | 0-5           | 0-5           |     |
| #8 (2.36mm)    | 1     | 0       | 0    | 0    | 0     |        | 0-15          | 0-15          |     |
| #16 (1.18mm)   | 1     | 8       | 8    | 8    | 0     |        | 4-33          | 3-35          |     |
| #30 (0.6mm)    | 1     | 39      | 39   | 39   | 0     |        | 32-73         | 30-75         |     |
| #50 (0.3mm)    | 1     | 81      | 81   | 81   | 0     |        | 67-93         | 65-95         |     |
| #100 (0.15mm)  | 1     | 99      | 99   | 99   | 0     |        | 93-100        | 93-100        |     |
| #200 (75µm)    | 1     | 100     | 100  | 100  | 0     |        | 96-100        | 96-100        |     |
| Pan            | 1     | 100     | 100  | 100  | 0     |        |               |               |     |
| Color          | 1     | 5       | 5    | 5    | 0     |        | 1-5\3         | 1-5           |     |
| Total Moisture | 1     | 3.0     | 3.0  | 3.0  | 0.0   |        |               |               |     |
| FM             | 1     | 2.28    | 2.28 | 2.28 | 0.00  |        | 2.08-2.4\2.25 | 2.05-2.45     |     |



**Comments**

**Query** Query Selections  
 Date Created 07/16/2020  
 Date Range 07/09/2020 - 07/16/2020  
 Plant Independent North Mine (FDOT Pit #11-490)  
 Sample Type Shipping  
 Agency Florida DOT MAC