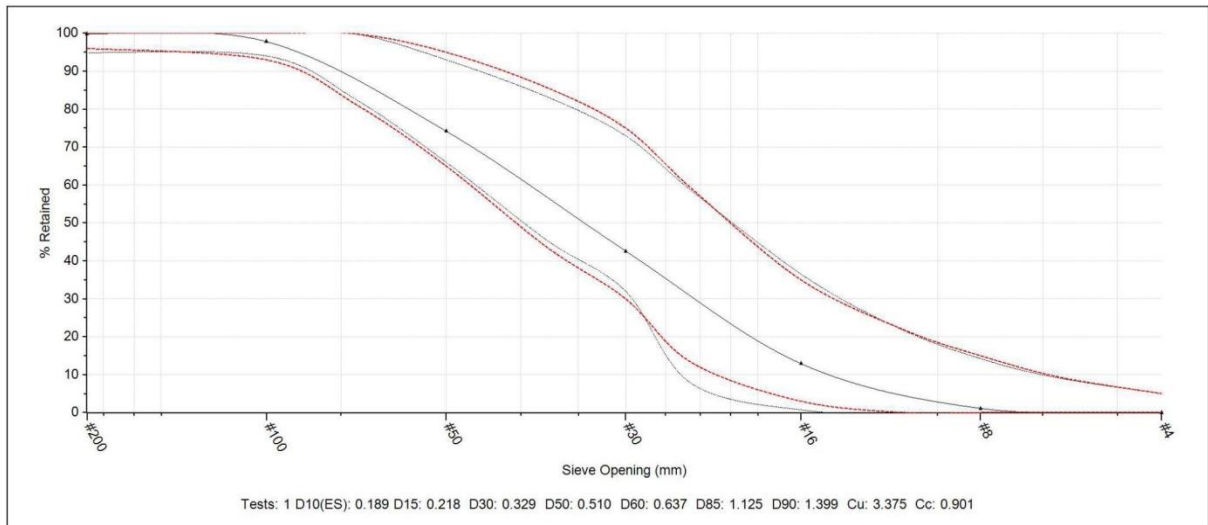




## Detail Gradation Statistical Summary Report

**Plant** Haines City Mine (FDOT Pit #16-024)-1030  
**Product** FDOT Concrete Silica Sand Code F01-1001  
**Specification** FDOT Concrete Silica Sand Code F01  
**Period** 06/23/2016 - 06/30/2016

Sieve/Test	Tests	Average	Min	Max	Range	St Dev	Target	Specification	PWS
#4 (4.75mm)	10	0.0	0.0	0.1	0.1	0.04			
#8 (2.36mm)	10	1.1	0.8	1.4	0.6	0.18			
#16 (1.18mm)	10	12.9	11.9	14.1	2.2	0.77			
#30 (0.6mm)	10	42.6	39.7	46.1	6.4	1.97			
#50 (0.3mm)	10	74.2	72.9	75.7	2.8	1.01			
#100 (0.15mm)	10	97.8	97.6	98.2	0.6	0.19			
#200 (75µm)	10	99.9	99.8	100.0	0.2	0.06			
Pan	10	100.0	100.0	100.0	0.0	0.00			
FM	10	2.29	2.24	2.35	0.11	0.031			
Total Moisture	10	3.0	2.7	3.4	0.7	0.24			



### Comments

**Query** Query Selections  
Date Created 06/30/2016  
Date Range 06/23/2016 - 06/30/2016  
Plant Haines City Mine (FDOT Pit #16-024)  
Sample Type Shipping  
Agency Florida DOT