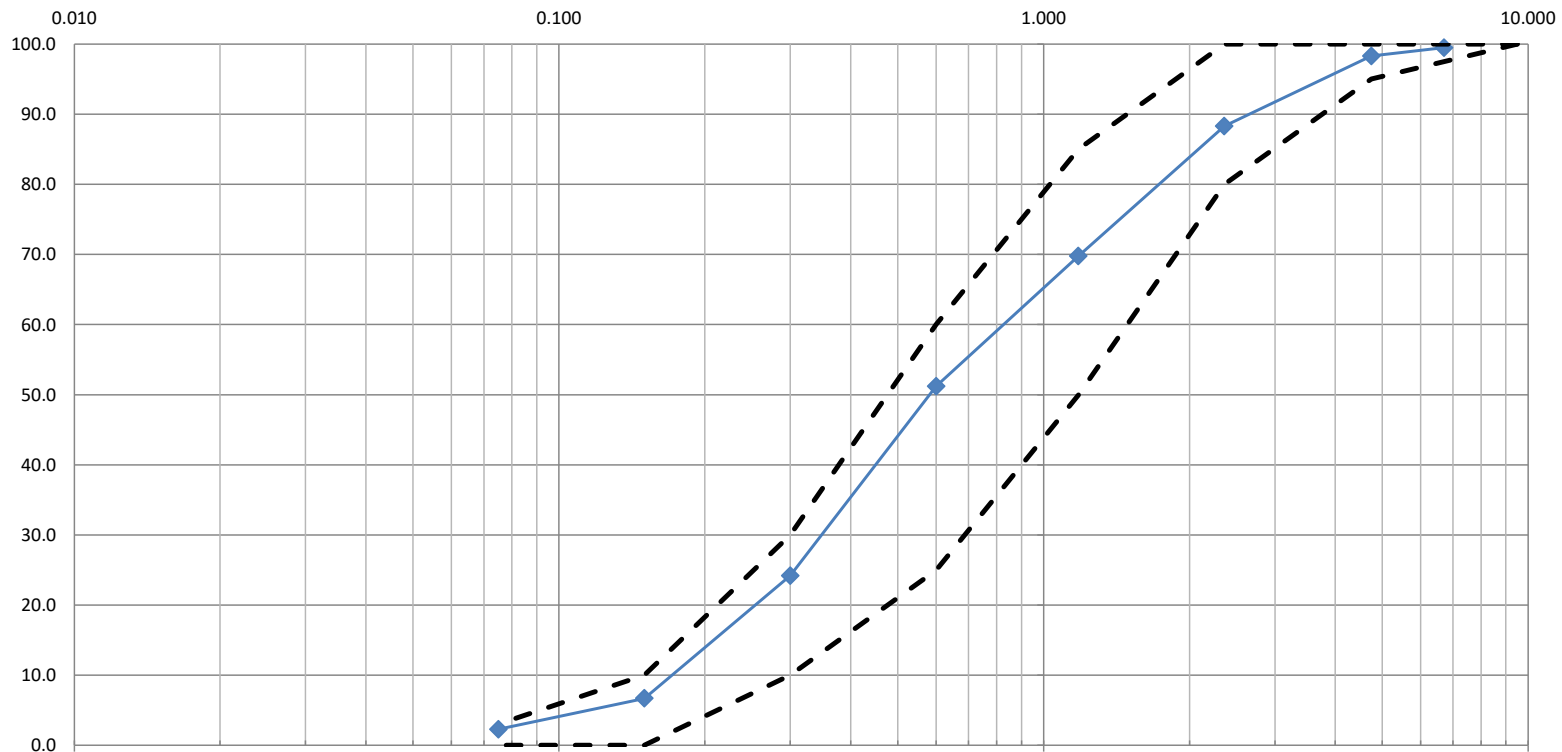


| | | | | | |
|---------------|----------------------|------------------|---------------|----------------|----------|
| CLIENT: | Greely Sand & Gravel | DESCRIPTION: | Sand | FILE NO: | PM0754 |
| CONTRACT No.: | - | SPECIFICATION: | Concrete Sand | LAB NO: | 15396 |
| PROJECT: | Laboratory Testing | INTENDED USE: | - | DATE RECEIVED: | 6-May-20 |
| | | PIT OR QUARRY: | Pit | DATE TESTED: | DK |
| DATE SAMPLED: | 5-May-20 | SOURCE LOCATION: | Spratt | DATE REPORTED: | 8-May-20 |
| SAMPLED BY: | Client | SAMPLE LOCATION: | - | TESTED BY: | DK |



Comments:

This material meets the grading requirements of OPSS Concrete Sand



REVIEWED BY:

Curtis Beadow

Joe Fosyth, P. Eng.

[Signature]

[Signature]

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|---------------------------------------|-------------------------------------------------------------------------------------|---------------------|------------------------------|---------------------------------------------------------------------------------------|---------------|-------------------------------|--------|
| patersongroup consulting engineers | | | | | | SIEVE ANALYSIS ASTM C136 | |
| CLIENT: Greely Sand & Gravel | | | DESCRIPTION: Sand | | | FILE NO.: PM0754 | |
| CONTRACT NO.: - | | | SPECIFICATION: Concrete Sand | | | LAB NO.: 15396 | |
| PROJECT: Laboratory Testing | | | INTENDED USE: - | | | DATE REC'D: 5-May-20 | |
| | | | PIT OR QUARRY: Pit | | | DATE TESTED: 6-May-20 | |
| DATE SAMPLED: 5-May-20 | | | SOURCE LOCATION: Spratt | | | DATE REPT'D: 8-May-20 | |
| SAMPLED BY: Client | | | SAMPLE LOCATION: - | | | TESTED BY: DK | |
| WEIGHT BEFORE WASH | | | | | | 368.7 | |
| WEIGHT AFTER WASH | | | | | | 363.0 | |
| SIEVE SIZE (mm) | WEIGHT RETAINED | PERCENT RETAINED | PERCENT PASSING | LOWER SPEC | UPPER SPEC | REMARK | |
| 150 | | | | | | | |
| 106 | | | | | | | |
| 75 | | | | | | | |
| 63 | | | | | | | |
| 53 | | | | | | | |
| 37.5 | | | | | | | |
| 26.5 | | | | | | | |
| 19 | | | | | | | |
| 16 | | | | | | | |
| 13.2 | | | | | | | |
| 9.5 | 0.0 | 0.0 | 100.0 | 100.0 | 100.0 | | |
| 6.7 | 1.8 | 0.5 | 99.5 | | | | |
| 4.75 | 6.1 | 1.7 | 98.3 | 95.0 | 100.0 | | |
| 2.36 | 43.0 | 11.7 | 88.3 | 80.0 | 100.0 | | |
| 1.18 | 111.2 | 30.2 | 69.8 | 50.0 | 85.0 | | |
| 0.6 | 180.1 | 48.8 | 51.2 | 25.0 | 60.0 | | |
| 0.3 | 279.5 | 75.8 | 24.2 | 10.0 | 30.0 | | |
| 0.15 | 343.9 | 93.3 | 6.7 | 0.0 | 10.0 | | |
| 0.075 | 360.2 | 97.7 | 2.3 | 0.0 | 3.0 | 0 to 6 for Manufactured Sands | |
| PAN | 362.0 | | | | | | |
| SIEVE CHECK FINE | | 0.28 | 0.3% max. | | | REFERENCE MATERIAL | |
| OTHER TESTS | | | | | RESULT | LAB NO. | RESULT |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| REVIEWED BY: | Curtis Beadow | | | Joe Forsyth, P. Eng. | | | |
| |  | | |  | | | |