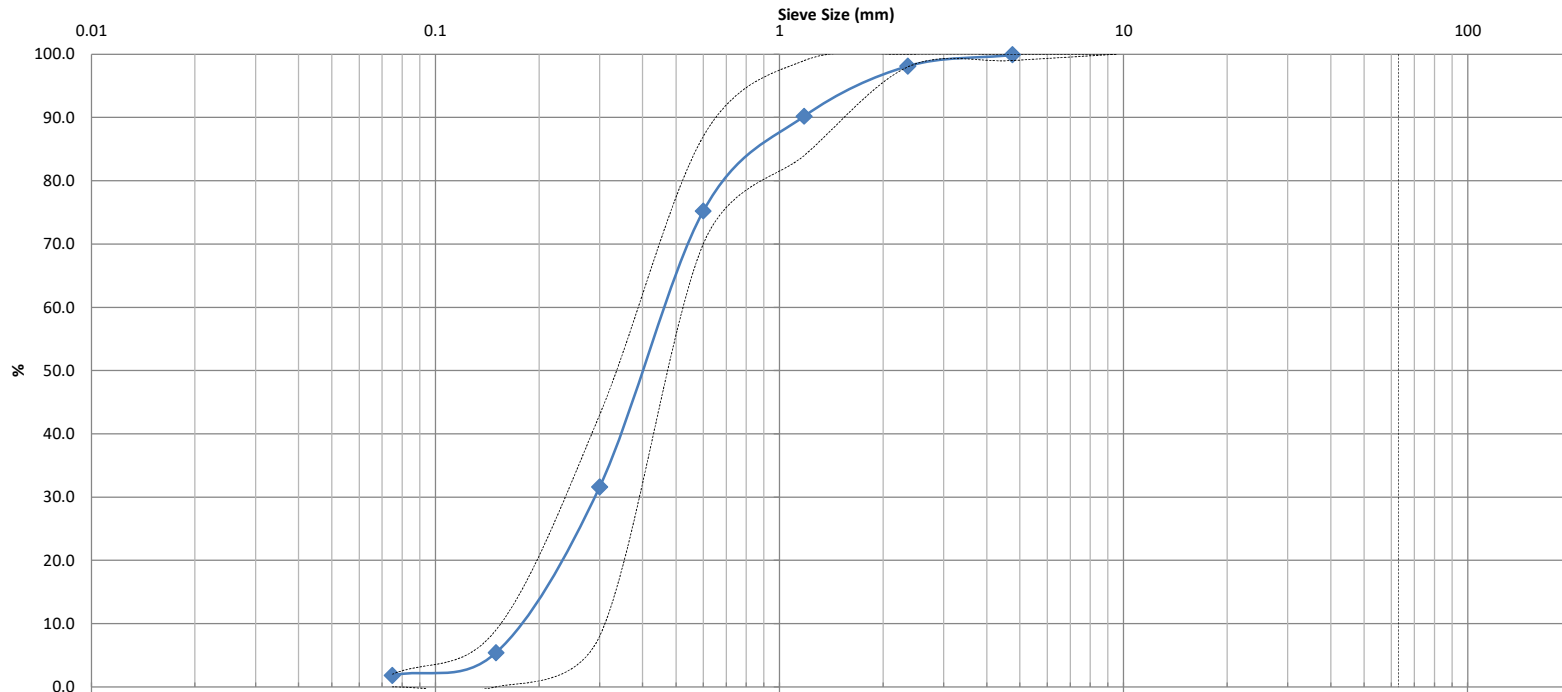




**SIEVE ANALYSIS
ASTM C136**

| | | | | | |
|---------------|----------------------|------------------|-----------------|----------------|-----------|
| CLIENT: | Greely Sand & Gravel | DESCRIPTION: | Sand | FILE NO: | PM0754 |
| CONTRACT NO.: | - | SPECIFICATION: | Playground Sand | LAB NO: | 42208 |
| PROJECT: | Laboratory Testing | INTENDED USE: | Playground Sand | DATE RECEIVED: | 18-Apr-23 |
| | | PIT OR QUARRY: | Pit | DATE TESTED: | 19-Apr-23 |
| DATE SAMPLED: | 18-Apr-23 | SOURCE LOCATION: | Spratt | DATE REPORTED: | 24-Apr-23 |
| SAMPLED BY: | Client | SAMPLE LOCATION: | Stockpile | TESTED BY: | C.P/A.L |



| | | | | | | |
|---------------|------|--------|--------|--------|--------|--------|
| Silt and Clay | Sand | | | Gravel | | Cobble |
| | Fine | Medium | Coarse | Fine | Coarse | |

| | | | | | | | | | | |
|----------------|---------------------|------|------|-------|------------|----------|----------|----------|------|-----|
| Identification | Soil Classification | | | | MC(%) | LL | PL | PI | Cc | Cu |
| | D100 | D60 | D30 | D10 | Gravel (%) | Sand (%) | Silt (%) | Clay (%) | 0.97 | 2.5 |
| | 6.7 | 0.47 | 0.29 | 0.185 | 0.1 | 98.1 | | | 1.8 | |

Comments:

This material conforms to the Ottawa Playground Sand Grading Envelope

REVIEWED BY:

Curtis Beadow

Joe Fosyth, P. Eng.

| | | |
|------------------------------|--------------------------------|------------------------|
| CLIENT: Greely Sand & Gravel | DESCRIPTION: Sand | FILE NO.: PM0754 |
| CONTRACT NO.: - | SPECIFICATION: Playground Sand | LAB NO.: 42208 |
| PROJECT: Laboratory Testing | INTENDED USE: Playground Sand | DATE REC'D: 18-Apr-23 |
| | PIT OR QUARRY: Pit | DATE TESTED: 19-Apr-23 |
| DATE SAMPLED: 18-Apr-23 | SOURCE LOCATION: Spratt | DATE REP'D: 24-Apr-23 |
| SAMPLED BY: Client | SAMPLE LOCATION: Stockpile | TESTED BY: C.P/A.L |



| | |
|---------------------------|-------|
| WEIGHT BEFORE WASH | 333.1 |
|---------------------------|-------|

| | |
|--------------------------|-------|
| WEIGHT AFTER WASH | 327.8 |
|--------------------------|-------|

| 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 | | | | 100.0 | 100.0 | |
| 6.7 | 0.0 | 0.0 | 100.0 | 99.0 | 100.0 | |
| 4.75 | 0.3 | 0.1 | 99.9 | 99.0 | 100.0 | |
| 2.36 | 6.4 | 1.9 | 98.1 | 98.0 | 100.0 | |
| 1.18 | 32.5 | 9.8 | 90.2 | 84.0 | 99.0 | |
| 0.6 | 82.6 | 24.8 | 75.2 | 70.0 | 87.0 | |
| 0.3 | 227.8 | 68.4 | 31.6 | 8.0 | 43.0 | |
| 0.15 | 315.0 | 94.6 | 5.4 | 0.0 | 9.0 | |
| 0.075 | 327.2 | 98.2 | 1.8 | 0.0 | 2.0 | |
| PAN | 327.8 | | | | | |

| | | | |
|------------------|------|-----------|---------------------------|
| SIEVE CHECK FINE | 0.00 | 0.3% max. | REFERENCE MATERIAL |
|------------------|------|-----------|---------------------------|

| OTHER TESTS | RESULT | LAB NO. | RESULT |
|-------------|--------|---------|--------|
| | | | |
| | | | |
| | | | |

| | | |
|---------------------|---|---|
| REVIEWED BY: | Curtis Beadow | Joe Forsyth, P. Eng. |
| |  |  |