# Particle Size Distribution Report



| | +3" | % GRAVEL | % SAND | % SILT | % CLAY | USCS | AASHTO | PL | LL |
|---|---|---|---|---|---|---|---|---|---|
| ○ | 0 | 0 | 16 | 84 | | ML | A-4(6) | 26 | 33 |
| □ | 0 | 0 | 3 | 97 | | CL | A-7-6(25) | 22 | 45 |
| △ | 0 | 0 | 1 | 99 | | (OH) | A-7-6(40) | 28 | 62 |

| SIEVE inches size | PERCENT FINER ○ | PERCENT FINER □ | PERCENT FINER △ |
|---|---|---|---|
| | | | |

| | GRAIN SIZE |
|---|---|
| $D_{60}$ | |
| $D_{30}$ | |
| $D_{10}$ | |

| | COEFFICIENTS |
|---|---|
| $C_c$ | |
| $C_u$ | |

| SIEVE number size | PERCENT FINER ○ | PERCENT FINER □ | PERCENT FINER △ |
|---|---|---|---|
| #4 | 100 | 100 | 100 |
| #10 | 100 | 100 | 100 |
| #40 | 98 | 99 | 100 |
| #200 | 84 | 97 | 99 |

**Material Description**

○ Silt with Sand (ML), Brown mottled Gray

□ Lean Clay (CL), Gray, Silty

△ Organic Clay (OH), Brown mottled Gray, Silty

REMARKS:

○ As Rec'd Moisture = 25.7%

□ As Rec'd Moisture = 34.1%

△ As Rec'd Moisture = 90.9%

○ Location: Sample #1 (5/14/2018)    Sample Number: 1
□ Location: Sample #2 (5/14/2018)    Sample Number: 2
△ Location: Sample #3 (5/14/2018)    Sample Number: 3

## GEOTECHNICS
### Soil & Material Testing
4510 Paris Gravel Road - Hannibal, MO

Client: Little Swan Lake

Project: Little Swan Lake - Siltation Project

Project No.: 18-3036                    Figure

**Tested By:** BJS                    **Checked By:** BJS