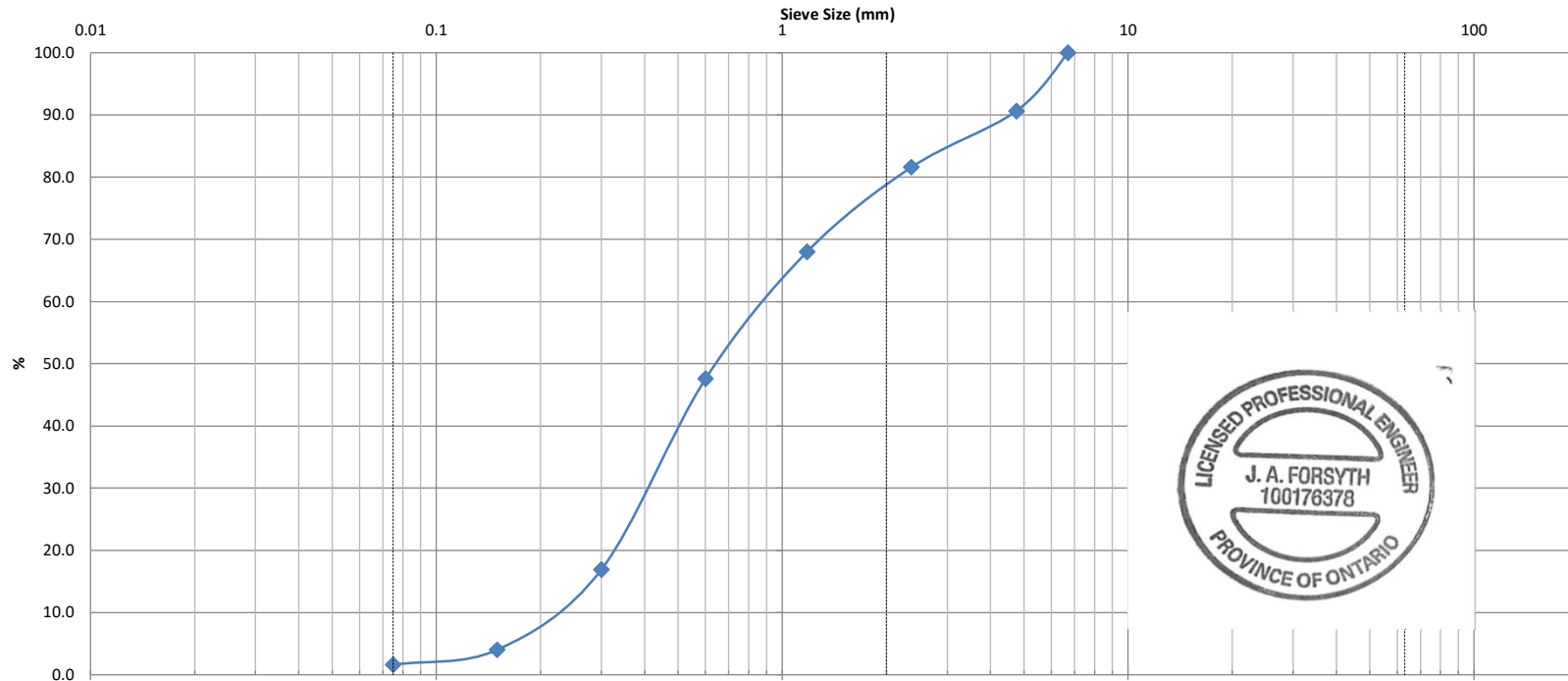




**SIEVE ANALYSIS
ASTM C136**

CLIENT:	Greely Sand & Gravel	DESCRIPTION:	Sand	FILE NO:	PM0754
CONTRACT NO.:	-	SPECIFICATION:	Septic Sand	LAB NO:	47517
PROJECT:	Laboratory Testing	INTENDED USE:	Misc.	DATE RECEIVED:	7-Sep-23
		PIT OR QUARRY:	Pit	DATE TESTED:	8-Sep-23
DATE SAMPLED:	7-Sep-23	SOURCE LOCATION:	Spratt	DATE REPORTED:	13-Sep-23
SAMPLED BY:	Client	SAMPLE LOCATION:	Stockpile	TESTED BY:	C.P/R.R



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 (%)	
	6.7	0.88	0.41	0.23	9.4	89.0		1.6			

Comments:

The sample is representative of a poorly graded fine sand with trace fines and gravel (SP) with an Estimated T Time = **6 to 8 min/cm**. The percolation rate provided above is based on the gradation of the test sample submitted, and as such, is approximate only. The values chosen for design should take into account the expected density in the field.

REVIEWED BY:	Curtis Beadow	Joe Fosyth, P. Eng.
	<i>Curtis Beadow</i>	<i>Joe Fosyth</i>

CLIENT: Greely Sand & Gravel	DESCRIPTION: Sand	FILE NO.: PM0754
CONTRACT NO.: -	SPECIFICATION: Septic Sand	LAB NO.: 47517
PROJECT: Laboratory Testing	INTENDED USE: Misc.	DATE REC'D: 7-Sep-23
	PIT OR QUARRY: Pit	DATE TESTED: 8-Sep-23
DATE SAMPLED: 7-Sep-23	SOURCE LOCATION: Spratt	DATE REP'D: 13-Sep-23
SAMPLED BY: Client	SAMPLE LOCATION: Stockpile	TESTED BY: C.P/R.R

WEIGHT BEFORE WASH	1583.9
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WEIGHT AFTER WASH	1562.4
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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						
6.7	0.0	0.0	100.0			
4.75	149.0	9.4	90.6			
2.36	291.3	18.4	81.6			
1.18	507.2	32.0	68.0			
0.6	829.6	52.4	47.6			
0.3	1316.8	83.1	16.9			
0.15	1520.3	96.0	4.0			
0.075	1559.2	98.4	1.6			
PAN	1562.2					

SIEVE CHECK FINE	0.01	0.3% max.	REFERENCE MATERIAL
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OTHER TESTS	RESULT	LAB NO.	RESULT

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