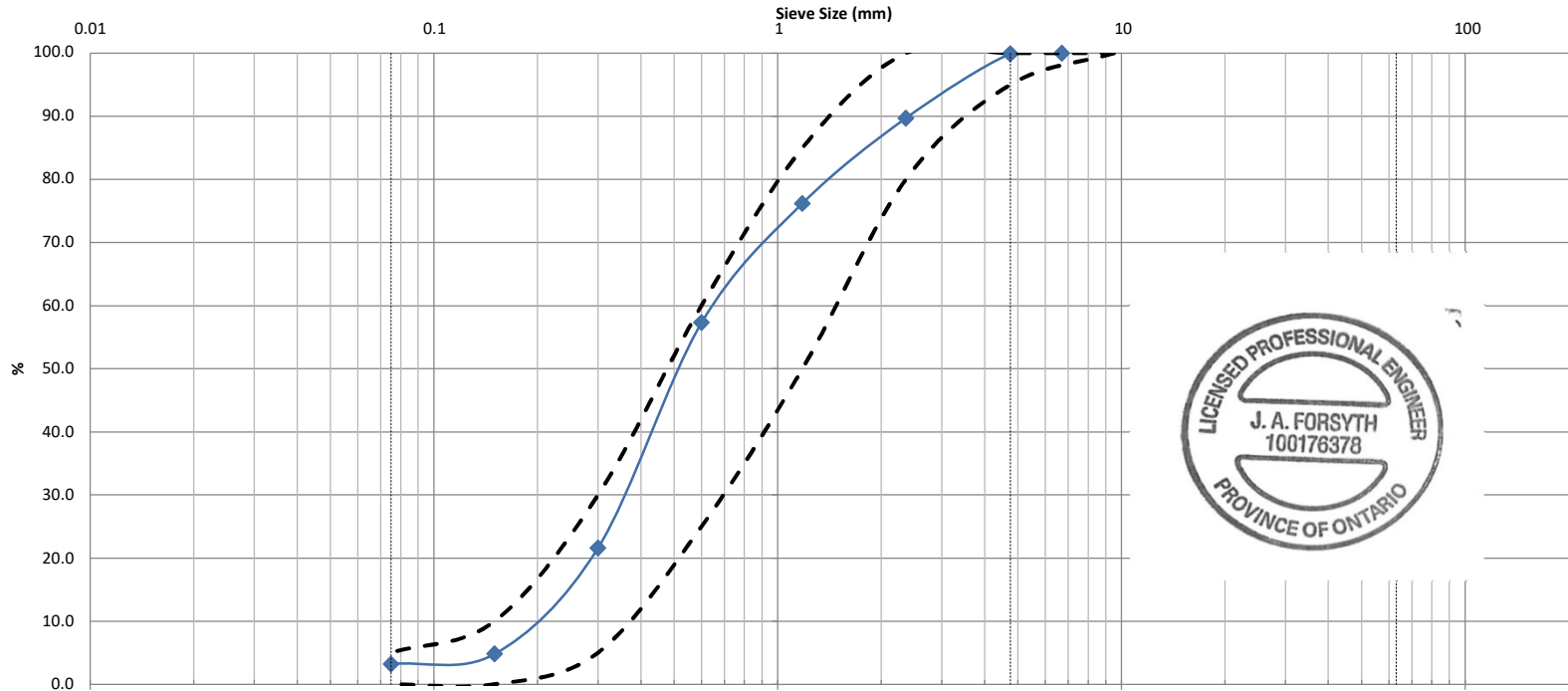




**SIEVE ANALYSIS
ASTM C136**

CLIENT:	Greely Sand & Gravel	DESCRIPTION:	Sand	FILE NO:	PM0754
CONTRACT NO.:	-	SPECIFICATION:	Eljen / Enviro Sand	LAB NO:	51353
PROJECT:	Laboratory Testing	INTENDED USE:	Eljen Specified / Enviro Sand	DATE RECEIVED:	26-Mar-24
		PIT OR QUARRY:	Pit	DATE TESTED:	27-Mar-24
DATE SAMPLED:	26-Mar-24	SOURCE LOCATION:	Spratt	DATE REPORTED:	2-Apr-24
SAMPLED BY:	Client	SAMPLE LOCATION:	Stockpile	TESTED BY:	C.P



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	0.65	0.37	0.21	0.1	96.7		3.2			

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. This material meets the grading requirements of Eljen Specified GFS Sand.

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

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PROJECT:	Laboratory Testing	INTENDED USE:	Eljen Specified / Enviro Sand	DATE REC'D:	26-Mar-24
		PIT OR QUARRY:	Pit	DATE TESTED:	27-Mar-24
DATE SAMPLED:	26-Mar-24	SOURCE LOCATION:	Spratt	DATE REP'D:	2-Apr-24
SAMPLED BY:	Client	SAMPLE LOCATION:	Stockpile	TESTED BY:	C.P

WEIGHT BEFORE WASH	534.5
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WEIGHT AFTER WASH	524.8
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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				100.0	100.0	
6.7	0.0	0.0	100.0			
4.75	0.4	0.1	99.9	95.0	100.0	
2.36	55.2	10.3	89.7	80.0	100.0	
1.18	127.2	23.8	76.2	50.0	85.0	
0.6	228.0	42.7	57.3	25.0	60.0	
0.3	419.2	78.4	21.6	5.0	30.0	
0.15	509.0	95.2	4.8	0.0	10.0	
0.075	517.6	96.8	3.2	0.0	5.0	
PAN	524.4					

SIEVE CHECK FINE	0.08	0.3% max.	REFERENCE MATERIAL
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OTHER TESTS	RESULT	LAB NO.	RESULT

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