paterson consulting eng	group gineers							SIEVE ANALY			
CLIENT:	Greely Sand & Gravel	DESCRIPTION:		Aggregate		FILE NO:			PM0754		
CONTRACT NO.:	-	SPECIFICATION:		Sand		LAB NO:			07245		
PROJECT:	Laboratory Testing	INTENDED USE:	Playground Sand		d Sand	DATE RECEIVED:			3-May-19		
Laboratory resting		PIT OR QUARRY:		Pit		DATE TESTED:			6-May-19		
DATE SAMPLED:	-	SOURCE LOCAT	ION:	Spratt Rd.		DATE REPORTED:			8-May-19		
SAMPLED BY:	-	SAMPLE LOCATI	ON:	-	- TESTED BY:			N.T/D.K			
	.01	0.1		Sieve 1	Size (mm)		10		100		
100.0 90.0 80.0 70.0 60.0 \$< 50.0 40.0 20.0											
0.0			Sand			Gravel					
Silt and Clay		Fir	Fine Medium Coarse			ine Coarse		Cobble			
dentification		Soil Class	sification		MC(%)	LL	PL	PI	<b>Cc</b> 0.92	<b>Cu</b> 2.5	
h	D100 D60	D30	D10	Gravel (%)		id (%)	Sil	t (%)	Cla	2.5 ay (%)	
	6.7 0.43  Comments:	0.26	0.17	0.17 0.1			9.0 0.9  e Playground Sand Grading Requirements				
REVIEWE	D BY:	Curtis Beadow  Low Row				Joe Fosyth, P. Eng.					

paterson consulting en	SIEVE ANALYSIS ASTM C136							
CLIENT:	Greely Sand & Gravel		DESCRIPTION:	Aggre	egate	FILE NO.:	PM0754	
CONTRACT NO.:		-	SPECIFICATION:	Sa	nd	LAB NO.:	07245	
PROJECT:	Laborator	rv Testina	INTENDED USE: Playground Sand			DATE REC'D:	3-May-19	
		,	PIT OR QUARRY:	Р	it	DATE TESTED:	6-May-19	
DATE SAMPLED:		-	SOURCE LOCATION	ON:	Spratt Rd.	DATE REP'D:	8-May-19	
SAMPLED BY:		-	SAMPLE LOCATION	DN:	-	TESTED BY:	N.T/D.K	
WEIGHT BEFORE	WASH					309.8		
WEIGHT AFTER W	/ASH					307.7		
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	0.3	0.1	99.9	99.0	100.0			
2.36	6.2	2.0	98.0	98.0	100.0			
1.18	40.0	12.9	87.1	84.0	99.0			
0.6	78.1	25.2	74.8	70.0	87.0			
0.3	188.1	60.7	39.3	8.0	43.0			
0.15	288.8	93.2	6.8	0.0	9.0			
0.075	307.0	99.1	0.9	0.0	2.0			
PAN	307.6							
SIEVE CHECK FIN	E	0.03	0.3% max.			REFERENCE MATERIAL		
OTHER TESTS					RESULT	LAB NO.	RESULT	
		Curtio Boods			les Fe	routh D Eng		
REVIEWED BY:	Lm	Curtis Beadov	Joe Forsyth, P. Eng.					