



SILT	SAND			GRAVEL		COBBLES
	fine	medium	coarse	fine	coarse	

Specimen Identification		Classification				MC%	LL	PL	PI	Cc	Cu
●	83734	Hydro Sand								1.18	2.9
☒											
▲											
★											
Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay		
●	83734	4.75	0.24	0.150	0.0806	0.0	92.3	7.7			
☒											
▲											
★											

CLIENT Greely Sand and Gravel  
 PROJECT Laboratory Testing - Spratt Pit

FILE NO. PM0754  
 DATE May 19, 16



**GRAIN SIZE DISTRIBUTION - HYDRO SAND**  
**JOHN D. PATERSON & ASSOCIATES LTD.**  
 Unit 1, 28 Concourse Gate, Nepean, Ontario K2E 7T7

<p><b>paterosgroup</b> consulting engineers</p>					SIEVE ANALYSIS	
CLIENT: Greely Sand & Gravel		DESCRIPTION: Aggregate		FILE NO.: PM0754		
CONTRACT NO.: -		SPECIFICATION: Hydro Sand		LAB NO.: 83734		
PROJECT: Laboratory Testing		INTENDED USE: -		DATE REC'D: 17-May-16		
		PIT OR QUARRY: Pit		DATE TESTED: 18-May-16		
DATE SAMPLED: -		SOURCE LOCATION: Spratt		DATE REPT'D: 19-May-16		
SAMPLED BY: Client		SAMPLE LOCATION: Stockpile		TESTED BY: D.B/C.B		
WEIGHT BEFORE WASH			A+B	336.2		
WEIGHT AFTER WASH		A	B	A+B	317.0	
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						
4.75	0.0	0.0	100.0	100.0	100.0	
2.36	0.5	0.1	99.9	95.0	100.0	
1.18	8.5	2.5	97.5	60.0	100.0	
0.6	26.6	7.9	92.1	35.0	80.0	
0.3	82.0	24.4	75.6	15.0	50.0	
0.15	235.8	70.1	29.9	2.0	15.0	
0.075	310.1	92.2	7.8	0.0	5.0	
PAN	316.8					
SIEVE CHECK FINE		0.06	0.3% max.			REFERENCE MATERIAL
OTHER TESTS					RESULT	LAB NO.
REVIEWED BY:	Curtis Beadow			Joe Forsyth, P. Eng.		
						