



SILT	SAND			GRAVEL		COBBLES
	fine	medium	coarse	fine	coarse	

Specimen Identification	Classification	MC%	LL	PL	PI	Cc	Cu
● 63235M	HYDRO SAND					1.10	3.5
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Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● 63235M	6.70	0.32	0.183	0.0937	0.1	94.2	5.7	
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CLIENT Greely Sand and Gravel FILE NO. _____
 PROJECT Laboratory Testing - Spratt Road Pit DATE Apr 29, 13



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

CLIENT: GREELY S&G		DESCRIPTION: SAND		FILE NO.:	PM0754		
CONTRACT NO.: -		SPECIFICATION: HYDRO SAND		LAB NO.:	63235M		
PROJECT: LAB TESTING		INTENDED USE:		LOT/SUB:	-		
		PIT OR QUARRY:		SEAL #:	-		
SAMPLED BY: CLIENT		LOCATION:		DATE REC'D:	25-Apr-13		
DATE SAMPLED: 25-Apr-13		SAMPLE LOCATION:		DATE REQ'D:	25-Apr-13		
WEIGHT BEFORE WASH			A+B	333.5	DATE TESTED: 26-Apr-13		
WEIGHT AFTER WASH		A	B	A+B	319.2	TESTED BY: JH/EC/DB	
SIEVE SIZE	TOTAL WEIGHT RETAINED	CUM. WT RETAINED (A)	CUM. WT RETAINED (B)	% RETAINED	% PASSING	SPEC.	REMARK
150 mm							
106 mm							
75 mm							
63 mm							
53 mm							
37.5 mm							
26.5 mm							
19 mm							
16 mm							
13.2 mm							
9.5 mm							
6.7 mm	0.0	0.0		0.0	100.0		
4.75 mm	0.3	0.3		0.1	99.9		
2.36 mm	2.2	2.2		0.7	99.3		
1.18 mm	17.9	17.9		5.4	94.6		
0.600 mm	54.1	54.1		16.2	83.8		
0.300 mm	143.0	143.0		42.9	57.1		
0.150 mm	269.5	269.5		80.8	19.2		
0.075 mm	314.6	314.6		94.3	5.7		
PAN	318.5	318.5		95.502249	4.4977511		
SIEVE CHECK		0.219	0.3% max.				

OTHER TESTS	RESULT	REFERENCE MATERIAL LAB NO.	RESULT

REVIEWED BY: Curtis Beadow

DATE REPORTED: 29-Apr-13

APPROVED BY: Stephen J. Walker, P.Eng.