

CONSTRUCTION TECHNOLOGY

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REPORT DATE: 07/11/24
 SAMPLE NUMBER: 24580
 OUR FILE NO: 866.001

ATTN: MR. PATRICK O'CONNOR
 PROJECT: **LABORATORY MATERIALS EVALUATION**

REVIEWED BY: TOM JOSLIN, SET, NICET

ASTM C136 / C117 / D422: SIZE DISTRIBUTION OF SOIL & AGGREGATES: SIEVE ANALYSIS

MATERIAL SOURCE: **O'CONNOR PIT: RED SAND**
 MATERIAL DESCRIPTION: SAND, fine; little Silt/Clay; trace fine Gravel
 MATERIAL PROJECT USE: PER CLIENT
 EVALUATION SPECIFICATION: PROJECT SPECIFICATIONS

COARSE SIEVE SERIES: US STANDARD				MEDIUM SIEVE SERIES: US STANDARD				FINE SIEVE SERIES: US STANDARD			
SIEVE SIZE	PERCENT RETAINED	PERCENT PASSING	SPECIFICATION ALLOWANCE	SIEVE SIZE	PERCENT RETAINED	PERCENT PASSING	SPECIFICATION ALLOWANCE	SIEVE SIZE	PERCENT RETAINED	PERCENT PASSING	SPECIFICATION ALLOWANCE
4"				1/4"		100.0		#50	11.4	88.6	
3"				#4	0.4	99.6		#60	29.9	70.1	
2 1/2"				1/8"				#80			
2"				#8	1.1	98.9		#100	67.4	32.6	
1 1/2"				#10	1.3	98.7		#140			
1"				#16	1.8	98.2		#200	84.0	16.0	
3/4"				#20	2.5	97.5		SILT			
1/2"				#30	3.0	97.0		CLAY			
3/8"				#40	4.4	95.6		COLLOID			

