

CONSTRUCTION TECHNOLOGY

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REPORT DATE: 07/11/24
 SAMPLE NUMBER: 24574
 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: SEPTIC MIX**
 MATERIAL DESCRIPTION: SAND; trace 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"	3.5	96.5		#50	58.6	41.4	
3"				#4	7.3	92.7		#60	66.6	33.4	
2 1/2"				1/8"				#80			
2"				#8	19.8	80.2		#100	82.7	17.3	
1 1/2"				#10	22.9	77.1		#140			
1"				#16	30.1	69.9		#200	90.9	9.1	
3/4"				#20	37.3	62.7		SILT			
1/2"		100.0		#30	42.4	57.6		CLAY			
3/8"	0.4	99.6		#40	48.4	51.6		COLLOID			

