

Project #: 121620330

Task #: 200.225

Client: WSP Canada Inc.

Project: WSP 171-10642-00, Parade Grounds Resurfacing

Source: A and A Aggregate Quarry - Gravel Sample

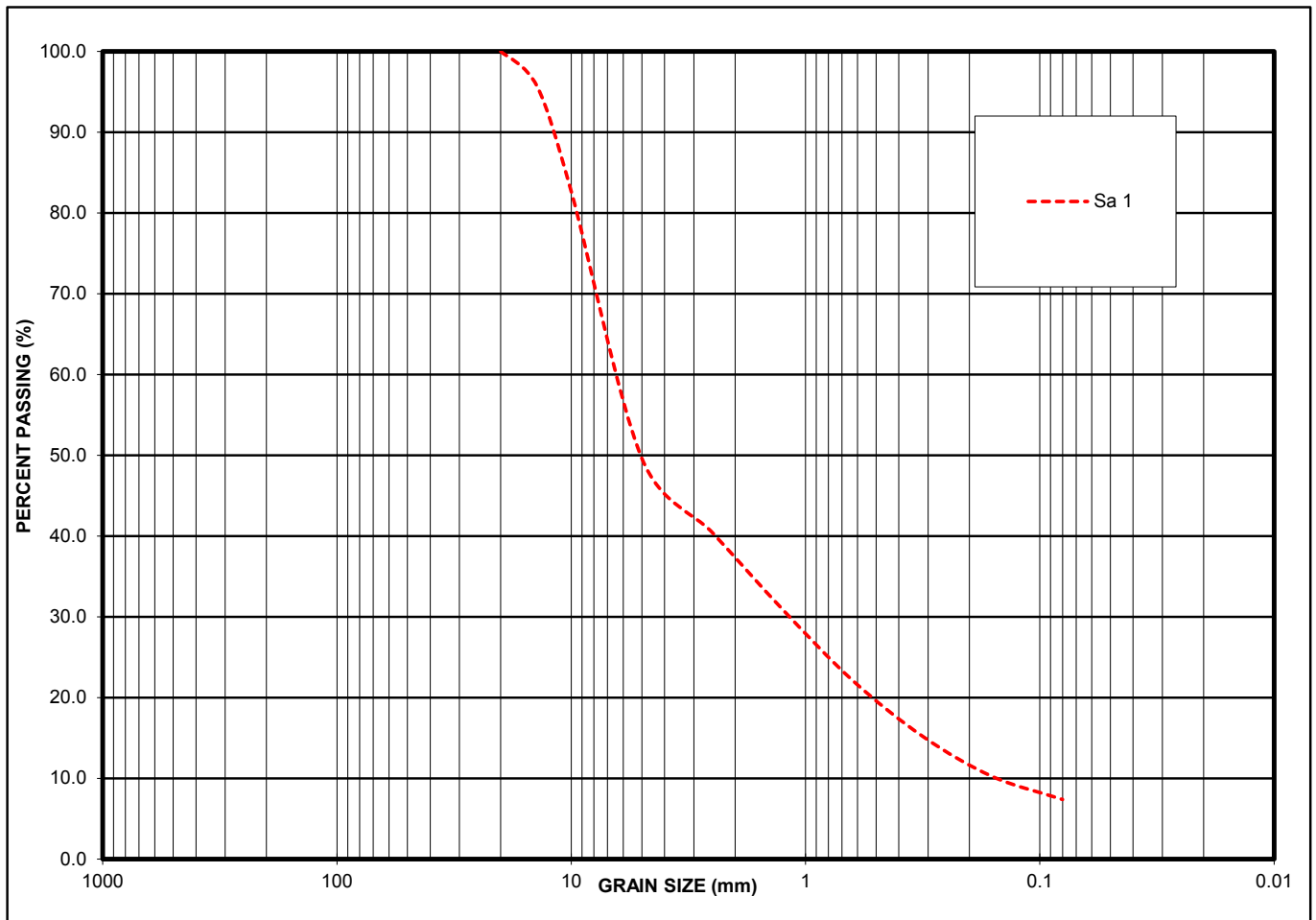
Material Type: N/A

Date Received: July 28, 2017

Date Tested: August 1, 2017

GRADING				
SAMPLE #	Sa 1			SPEC
SIEVE (mm)	% PASSING	% PASSING	% PASSING	
112				-
80				-
56				-
40				-
28				-
20	100.0			-
14	95.7			-
10	82.6			-
5	49.6			-
2.5	40.4			-
1.25	30.9			-
0.630	22.1			-
0.315	15.2			-
0.160	10.2			-
0.080	7.4			-

PHYSICAL PROPERTY TESTS			
Sample Number	Sa 1		
Gravel, %	50.4		
Sand, %	42.2		
Silt & Clay, %	7.4		
Unconfined Freeze Thaw, %			
Abrasion Loss, %			
Soundness Loss, %			
Micro Deval Loss, %			
Fine Absorption, %			
Flat & Elongated Particles, %			
Coarse Absorption, %			
Coarse Spec. Gravity, kg/m ³			
Fractured Faces, %			
Liquid Limit, %			
Plastic Limit, %			
Plasticity Index, %			
Max. Dry Density: Standard	2189kg/m ³		
Optimum Moisture Content %	9.4		


Technician R.Cameron

Reviewed By C.Mullins