BGC ENGINEERING INC.
AN APPLIED EARTH SCIENCES COMPANY

LABORATORY GRAIN SIZE ANALYSIS

Fine Filter Revision 2

Project Information		**Sample Information**					**Laboratory Information**			
Project Name:		Structure:		Material Type:		Coordinates (N or STN, E or Offset. Elev.	Lab Name:		Test Date:	
Project Number		Work Area:		Sample ID			Technician:		Report Date:	
Client Name		Borrow Source:		Sampled By:			Sample Date:		Test Method:	

Grain Size Testing Information		**Grain Size Distribution**							**Preparation Method:**	
(A) Container		Screen	(mm)	Wt Ret	% Ret	Cum % Ret	% Pass	Specs	Oven Dry	Air Dry
(B) Wt Wet Soil + Tare, g		12"	300						Mech. Split	Man. Split
(C) Wt Dry Soil + Tare, g		3"	75							
(D) Tare		1.5"	37.5						**Summary Grain Size Distribution Parameter**	
(E) Wt Dry Soil (C-D)		1"	25							
(F) Wt Washed, g		3/4"	19						Coarser than Gravel%	
(G) Wt Wash Pan, g(E-F)		3/8"	9.5						Gravel%	
Reactivity Test Test Method FM-13-006		No. 4	4.75						Sand%	
Total Sample Weight (g):		10	2						Fines%	
Weight used for the Test (g):		16	1.18						D60, mm:	
A Particles Reactive #:		20	0.85						D30, mm:	
B Particles Reactive #:		50	0.3						D10, mm:	
C Particles Reactive #:		60	0.25						Cc:	
D Particles Reactive #:		200	0.075						Cu:	
E Particles Reactive #:		**Pan**								
Average Particles Reactive:		**Tot Pan**								
Reaction Strength Result:		**Test Condition**	**Passed**	**Failed**						
Reactivity Test Legend:		Gradation test								

# Particles	**React. Strength**	**Symbol**
0	No Rective	NR
1 to 15	Weak	W
16 to 30	Moderate	M
30+	Strong	S

Reactivity test

Corrective actions/Comments:

Comparison Information

Screen	Specs	CCQA % Pass	CQC % Pass	Diff CQA - CQC Lab % pass
3/8"	100			
No. 4	95-100			
10	65-100			
16	50-85			
50	5-30			
60	0-25			
200	0-5			

Reviewed By:_____ Date:_____ DB Checked by: _____ Entered in DB by:_____