

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 Mech. Split Man. Split	
(B) Wt Wet Soil + Tare, g		12"	300							
(C) Wt Dry Soil + Tare, g		3"	75.0							
(D) Tare		1.5"	37.5							
(E) Wt Dry Soil (C-D)		1"	25						Summary Grain Size Distribution Parameter	
(F) Wt Washed, g		3/4"	19.0							
(G) Wt Wash Pan, g(E-F)		3/8"	9.50							

Reactivity Test		Test Method FM-13-007		No. 4	4.75					Coarser than Gravel%	
Total Sample Weight (g):				10	2					Gravel%	
Weight used for the Test (g):				16	1.18					Sand%	
A	Particles Reactive #:			20	0.85					Fines%	
B	Particles Reactive #:			50	0.30					D60, mm:	
C	Particles Reactive #:			60	0.25					D30, mm:	
Weight Mat. Ret. No.4 (if Applicable)				200	0.075					D10, mm:	
Wt Reactive Part. Ret.No.4 (If Applicable)				Pan						Cc:	
Percent Reactive Particles (If Applicable)				Tot Pan						Cu:	

Reactivity Test Legend:			Test Condition	
Average Particles Reactive:			Test	Passed
Reaction Strength Result:			Failed	
Reactivity Test Legend:			Gradation test	
# Particles	React. Strength	Symbol	Reactivity test	
0	No Rective	NR	Comments/ Corrective Action:	
1 to 15	Weak	W		
16 to 30	Moderate	M		
30+	Strong	S		

Comparison Information				
Screen	Specs	CQA % Pass	CQC % Pass	Diff CQA - CQC Lab % pass
1.5"	100			
1"	87-100			
3/4"	70-100			
3/8"	33-100			
No. 4	7-60			
10	0-15			
20	0-7			
200	0-5			

Reviewed By: _____

Date: _____

DB Checked by: _____ Entered in DB by: _____