



Ministry of Transportation

TEST PIT / HOLE SUMMARY SHEET

Pit: Strong Contract Area: Fraser Valley - 7 Equipment: Excavator Date: July 2016

Test Hole Number	Layer Thickness (m)	Layer Top Elevation (m)	Layer Bottom Elevation (m)	Soil Classification	Gradation of Materials							Soundness Indicator					Density	Absorption		Water Table Elevation (m)	Remarks	Bag #					
					Gravel	Sand	Fines	75-150 mm	150-300 mm	> 300 mm	Maximum Size (mm)	Fracture		Micro Duval	Sand Eq.	MgSO4		C (%)	F (%)				C (%)	F (%)			
												A (%)	B (%)			C (%)									F (%)	C (%)	F (%)
16-1	3.5	86.5	83.0	GP	58	40	2	3	1		250												UTM: 541661E 5430869N WSA	773			
	1.5	83.0	81.5	CL																			FVI				
	1.5	81.5	80.0	GP	58	38	4	6	2		250	71	76	5.8	10.3							-	WSA	875			
16-2	0.5	86.1	85.6	SP	45	54	1	2			150												UTM: 541700E 5430831N FVI				
	5.0	85.6	80.6	CL																			FVI				
	1.0	80.6	79.6	SP	30	68	2	2			150											-	FVI				
16-3	4.5	85.9	81.4	GP	49	48	3	1			100												UTM: 541697E 5430869N WSA	770			
	2.0	81.4	79.4	CL																		-	FVI				
16-4	0.3	85.7	85.4	SP	34	64	4	1			100												UTM: 541659E 5430842N FVI				
	3.7	85.4	81.7	CL																			FVI				
	2.5	81.7	79.2	GP	60	36	4	3	1		200											-	WSA	772			
16-5	6.5	89.8	83.3	SP	47	49	4	1	1	1	300												UTM: 541594E 5430847N WSA	876			

BRX= Bedrock
 Layer Elevation = Possible Error

FVI= Field Visual Identification
 WSA= Washed Sieve Analysis
 LVI= Lab Visual Identification



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					Gravel	Sand	Fines	75-150 mm	150-300 mm	> 300 mm	Maximum Size (mm)	Fracture		Micro Duval		Sand Eq.	MgSO4				C	F	C	F			
												A (%)	B (%)				C (%)								F (%)	C (%)	F (%)
16-11	2.0	75.5	73.5	CL																UTM: 541394E 5430350N FVI; ON THE SLOPE							
	1.0	73.5	72.5	SP	24	75	1	1													FVI						
	3.5	72.5	69.0	SM3		65	35														FVI						
	3.0	69.0	66.0	SP	24	75	1	1													FVI						
16-12	4.0	77.8	73.8	SP	24	75	1	1	1	1	350										UTM: 541231E 5430367N FVI						
	5.5	73.8	68.3	SM3		65	35														FVI						
16-13	6.5	73.9	67.4	SP	45	52	3	4	1		250										UTM: 541315E 5430392N WSA	878					
16-14	3.0	78.4	75.4	SP	44	55	1	1			150										UTM: 541292E 5430394N FVI; ON THE SLOPE						
	0.3	75.4	75.1	SM3		65	35														FVI						
	6.2	75.1	68.9	SP	41	57	2	1		1	325										WSA	879					
16-15	1.0	79.3	78.3	SM3		65	35														UTM: 541366E 5430419N FVI; ON THE SLOPE						
	5.0	78.3	73.3	SP	44	55	1	1			150										FVI						
	2.5	73.3	70.8	SM3		65	35														FVI						

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					Gravel	Sand	Fines	75-150 mm	150-300 mm	> 300 mm	Maximum Size (mm)	Fracture		Micro Duval	Sand Eq.		MgSO4					C	F	C	F		
												A	B				C	F								C	F
												(%)	(%)				(%)	(%)								(%)	(%)
16-16	5.0	77.7	72.7	SPSM	46	49	5	1	1		200											UTM: 541380E 5430417N WSA; INTERBEDDED SAND & GRAVEL	771				
	1.5	72.7	71.2	SM2		75	25														-	FVI					
16-17	2.0	69.8	67.8	SP	5	94	1															UTM: 541165E 5430324N FVI					
	3.0	67.8	64.8	CL																	65.3	FVI; 10L/MIN					
16-18	0.4	84.0	83.6	SM3	5	94	1															UTM: 541165E 5430324N FVI; ON THE SLOPE					
	8.1	83.6	75.5	GP	60	39	1	3	1		300										75.5	FVI; 5L/MIN					
16-19	0.5	79.3	78.8	CL																			UTM: 541043E 5430413N FVI; ON THE SLOPE				
	2.5	78.8	76.3	SM3		65	35																FVI				
	6.5	76.3	69.8	GP	56	42	2	3	1		300											-	FVI				
16-20	2.0	76.3	74.3	GP	56	42	2	2			150											74.8	UTM: 540977E 5430411N FVI; 10L/MIN				

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					Gravel	Sand	Fines	75-150 mm	150-300 mm	> 300 mm	Maximum Size (mm)	Fracture		Micro Duval	Sand Eq.							MgSO4			
												A (%)	B (%)									C (%)	F (%)	C (%)	F (%)
16-21	5.0	82.6	77.6	SM1		84	16														UTM: 540946E 5430418N FVI; ON THE SLOPE				
	3.6	77.6	74.0	SP	40	58	2	3	1		250										74.6	FVI; 5L/MIN			
16-22	0.4	79.5	79.1	ASPHALT																		UTM: 540900E 5430418N FVI			
	0.6	79.1	78.5	SM1		84	16															FVI			
	3.5	78.5	75.0	SP	45	54	1	3	1		300										75.0	FVI; 5L/MIN			

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