



Ministry of Transportation

TEST PIT / HOLE SUMMARY SHEET

Pit: Hemmingsen Contract Area: 1 Equipment Type: Excavator

Testpit Number	Overburden	Soil Bound. (mm)	Soil Classification	Gradation of Materials							Soundness Indicator				Density	Absorption		Watertable (m)	Remarks				
				75/150mm	150/225	+ 225mm	Maximum Size (mm)	Gravel	Sand	Fines	Fracture		Micro Duval	Sand Eq.		MgSO4				C (%)	F (%)		
											A (%)	B (%)				C (%)	F (%)					C (%)	F (%)
TP09-1	0.2	0.0/0.6	SM3	3	3	3	900	20	50	30										FVI			
		0.6/3.5	GPGM	5	5	5	900	70	25	5										FVI			
		3.5/7.0	GP	4	2	2	400	64	34	1.5										WSA			
TP09-2	0.2	0.0/6.0	GP				900	66	32	2										WSA			
		6.0/6.5	SPSM					0	90	10										6.0	FVI		
		6.5/7.0	GP	8	1		300	64	32	2											FVI		
TP09-3	0.2	0.0/0.2	TS																		ORGANICS		
		0.2/2.5	GP	4	3	2	500	62	35	3											FVI		
		2.5/7.0	GP	2	1	1	300	50	49	1.3			7.6	13.1	33						WSA		
TP09-4	0.2	0.0/0.2	TS																		ORGANICS		
		0.2/3.0	GP	2	1	1	300	62	35	3											FVI		
		3.0/7.0	GP	5	3	2	600	61	37	2.4	85	79									WSA		

FVI= Field Visual Identification
BRX= Bedrock

WSA= Washed Sieve Analysis

LVI= Lab Visual Identification



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				75/150mm	150/225	+ 225mm	Maximum Size (mm)	Gravel	Sand	Fines	Fracture		Micro	Duval	Sand Eq.	MgSO4		C (%)	F (%)					
											A (%)	B (%)				C (%)						F (%)	C (%)	F (%)
TP09-5	0.2	0.0/0.3	TS																		ORGANICS			
		0.3/0.7	GPGM					60	35	5												FVI		
		0.7/7.0	GP	2	2	1	500	49	49	1.9												WSA		
TP09-6	0.2	0.0/0.3	TS																			ORGANICS		
		0.3/1.0	GPGM					60	35	5												FVI		
		1.0/7.0	GP	3	3	1	400	64	35	1												FVI		
TP09-7	0.2	0.0/0.2	TS																			ORGANICS		
		0.2/1.0	SPSM					30	65	5												FVI		
		1.0/3.7	GP	4	3	2	400	64	35	1												FVI		
		3.7/4.7	SPSM					5	90	5												FVI		
		4.7/6.5	GP	1	1	1	300	55	40	5	86	82					2.8	1.0	1.9			WSA		
TP09-8	0.4	0.0/0.4	TS																			ORGANICS		
		0.4/1.2	SM2					20	60	20												FVI		
		1.2/4.5	GP	4	3	2	500	60	37	3												WSA		
		4.5/4.9	SPSM					5	90	5												FVI		
		4.9/6.5	GP	1	1	1	300	54	45	1												FVI		

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				75/150mm	150/225	+ 225mm	Maximum Size (mm)	Gravel	Sand	Fines	Fracture		Micro Duval	Sand Eq.		MgSO4				C (%)	F (%)		
											A (%)	B (%)				C (%)	F (%)					C (%)	F (%)
TP09-9	0.2	0.0/0.3	TS																ORGANICS				
		0.3/3.7	GPGM	10	7	5	800	65	30	5									FVI				
TP09-10	0.2	0.0/0.3	TS																ORGANICS				
		0.3/3.0	GP	6	5	4	600	64	32	4									FVI				
		3.0/7.0	GP	2	1	1	300	58	39	3	76	72							WSA				
TP09-11	0.2	0.0/0.3	TS																ORGANICS				
		0.3/2.7	GP	10	7	5	800	66	33	1									WSA				
TP09-12	0.2	0.0/0.3	TS																ORGANICS				
		0.3/1.1	GPGM					64	30	6									FVI				
		1.1/3.0	GP	7	5	4	800	72	27	1				1.0	7.1				WSA				
TP09-13	0.2	0.0/0.3	TS																ORGANICS				
		0.3/1.3	GPGM	7	5	4	800	64	30	6									FVI				
		1.3/7.0	GP	4	2	1	300	67	31	2									WSA				

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				75/150mm	150/225	+ 225mm	Maximum Size (mm)	Gravel	Sand	Fines	Fracture		Micro Duval	Sand Eq.		MgSO4				C (%)	F (%)		
											A (%)	B (%)				C (%)	F (%)					C (%)	F (%)
TP09-14	0.2	0.0/0.3	TS																ORGANICS				
		0.3/1.0	GPGM	7	5	4	800	64	30	6									FVI				
		1.0/7.0	GP	5	3	2	300	71	28	1									WSA				
TP09-15	0.2	0.0/0.4	TS																ORGANICS				
		0.4/1.4	SPSM					15	80	5									FVI				
		1.4/7.0	GP	6	4	3	400	69	30	1	90	81	6.5	10.3		2.8	0.7	2.0	WSA				
TP09-16	0.2	0.0/0.4	TS																ORGANICS				
		0.4/1.2	SP					19	80	1									FVI				
		1.2/7.0	GP	6	5	3	500	64	35	1									FVI				
TP09-17	0.2	0.0/0.5	TS																ORGANICS				
		0.5/5.5	GP	6	5	3	1000	64	35	1									FVI				
		5.5/7.0	SP					22	75	3									WSA				

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