



Ministry of Transportation

TEST PIT / HOLE SUMMARY SHEET

Pit: Whipsaw Creek #2 #2883 **Contract Area:** Okanagan-Shuswap - 8 **Equipment Type:** Excavator

Test Pit/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 #			
					75/150 mm	150/225 mm	> 225 mm	Maximum Size (mm)	Gravel	Sand	Fines	Fracture		Micro Duval		Sand Eq.	MgSO4				C (%)	F (%)	
												A (%)	B (%)				C (%)						F (%)
13-1	0.3	1029.7	1029.4	TS																FVI; ORGANICS			
	3.7	1029.4	1025.7	GP	3	1		300	58	41	1										FVI		
	1.5	1025.7	1024.2	SPSM	1			75	11	82	7										WSA	240	
13-2	0.3	1031.6	1031.3	TS																	FVI; ORGANICS		
	3.7	1031.3	1027.6	SP	3	2		300	34	62	4	79	70								WSA	239	
	1.5	1027.6	1026.1	SP	1			75	20	78	2										FVI; SOME SILTY LUMPS		
	0.5	1026.1	1025.6	GP	6	2	1	500	60	37	3										WSA	238	
13-3	0.3	1031.6	1031.3	TS																	FVI; ORGANICS		
	3.7	1031.3	1027.6	GP	3	1		300	56	42	2										FVI		
	1.0	1027.6	1026.6	SP	1			75	16	82	2										FVI		
	1.0	1026.6	1025.6	GP	2	1		250	58	39	3										WSA	237	
13-4	0.4	1025.7	1025.3	TS																	FVI; ORGANICS		
	3.6	1025.3	1021.7	GP				50	60	38	2	74	62	9.3	16						WSA; NO OVERSIZE; < 2"	236	
	2.0	1021.7	1019.7	GP	1	1		250	66	31	3										WSA	235	

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					75/150 mm	150/225 mm	> 225 mm	Maximum Size (mm)	Gravel	Sand	Fines	Fracture		Micro Duval		Sand Eq.	MgSO4				C (%)	F (%)	
												A (%)	B (%)				C (%)						F (%)
13-5	0.4	1028.9	1028.5	TS															FVI; ORGANICS				
	2.0	1028.5	1026.5	GPGM	3	1		250	52	41	7									WSA; MOSTLY 0.5-1.5 CM	234		
	0.3	1026.5	1026.2	SM3						68	32									FVI; SEAM OF SILT SW OF HOLE			
	3.3	1026.2	1022.9	GPGM	3	2	1	350	61	33	6									WSA	233		
13-6	0.4	1026.8	1026.4	TS																FVI; ORGANICS			
	2.0	1026.4	1024.4	GP	5	3	1	500	67	30	3									WSA	231		
	2.1	1024.4	1022.3	GP	3	2	1	500	59	38	3									WSA	232		
	1.5	1022.3	1020.8	GP	1	1		250	53	45	2									WSA	948		
13-7	0.4	1028.1	1027.7	TS																FVI; ORGANICS			
	5.6	1027.7	1022.1	GP	3	1	1	350	55	43	2	77	73							WSA	947		
13-8	0.4	1033.6	1033.2	TS																FVI; ORGANICS			
	4.6	1033.2	1028.6	GP	3	1		250	73	24	3	64	62	10	23					WSA; V.LOOSE MATERIAL	946		
13-9	0.4	1035.4	1035.0	TS																FVI; ORGANICS			
	5.6	1035.0	1029.4	GP	7	3		300	59	39	2									WSA; LOOSE MATERIAL	132		

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					75/150 mm	150/225 mm	> 225 mm	Maximum Size (mm)	Gravel	Sand	Fines	Fracture		Micro Duval	Sand Eq.	MgSO4		C (%)	F (%)				C (%)	F (%)	
												A (%)	B (%)			C (%)	F (%)								C (%)
13-10	0.4	1038.6	1038.2	TS																			FVI; ORGANICS		
	4.6	1038.2	1033.6	GP	5	1	1	450	64	34	2					60	3	9	2.8	2.7	1.0	2.3		WSA; LOOSE MATERIAL	133
13-11	0.4	1039.3	1038.9	TS																				FVI; ORGANICS	
	4.6	1038.9	1034.3	GP	5	1	1	400	60	39	1	46	45	11	14									WSA; LOOSE MATERIAL	134
13-12	0.3	1039.4	1039.1	TS																				FVI; ORGANICS	
	1.0	1039.1	1038.1	GP	3	1	1	400	54	42	4													FVI	
	3.2	1038.1	1034.9	GP	3	1	1	400	69	29	2													WSA	957
	1.0	1034.9	1033.9	SM2							77	23												WSA	958
	0.5	1033.9	1033.4	GP	3	1		300	58	40	2													FVI	
13-13	0.4	1036.5	1036.1	TS																				FVI; ORGANICS	
	1.0	1036.1	1035.1	SM1							88	12												FVI; SAME AS TP13-12 BAG 958	
	3.1	1035.1	1032.0	GP	5	1	1	450	60	39	1													FVI	
	1.2	1032.0	1030.8	SM1							88	12												FVI; SAME AS TP13-12 BAG 958	
	0.3	1030.8	1030.5	GP?																				FVI	
13-14	0.4	1042.7	1042.3	TS																				FVI; ORGANICS	
	0.3	1042.3	1042.0	SM1							88	12												FVI	
	4.3	1042.0	1037.7	GP	5	1		300	60	38	2													WSA	945

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					75/150 mm	150/225 mm	> 225 mm	Maximum Size (mm)	Gravel	Sand	Fines	Fracture		Micro Duval		Sand Eq.	MgSO4				C (%)	F (%)	
												A (%)	B (%)				C (%)						F (%)
13-15	0.4	1044.5	1044.1	TS															FVI; ORGANICS				
	1.6	1044.1	1042.5	SM1						88	12								FVI; SAME AS TP13-12 BAG 958				
	0.3	1042.5	1042.2	GP	1			150	58	41	1								FVI				
	0.7	1042.2	1041.5	SM3						68	32								FVI				
	2.5	1041.5	1039.0	GP	3	1		250	60	39	1	78	61						WSA	959			
13-16	0.4	1042.7	1042.3	TS															FVI; ORGANICS				
	2.6	1042.3	1039.7	SM1						88	12								FVI				
	0.3	1039.7	1039.4	GP	3			150	58	41	1								FVI; HOLE SAME AS TP13-15				
	2.4	1039.4	1037.0	SM3						68	32								FVI				
	0.3	1037.0	1036.7	GP?															FVI				
13-17	0.4	1033.3	1032.9	TS															FVI; ORGANICS				
	4.1	1032.9	1028.8	GP	5	2	1	750	77	22	1								WSA; LOOSE MATERIAL	950			
	1.5	1028.8	1027.3	GP	3	1		300	62	36	2								WSA	951			
13-18	0.4	1030.3	1029.9	TS															FVI; ORGANICS				
	4.1	1029.9	1025.8	GP	8	3	2	600	72	26	2								WSA	200			
	1.5	1025.8	1024.3	SP	1			100	26	68	3								WSA	944			

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					75/150 mm	150/225 mm	> 225 mm	Maximum Size (mm)	Gravel	Sand	Fines	Fracture		Micro Duval		Sand Eq.	MgSO4				C (%)	F (%)	
												A (%)	B (%)				C (%)						F (%)
13-19	0.4	1032.1	1031.7	TS															FVI; ORGANICS				
	3.0	1031.7	1028.7	GP	8	3	2	750	60	38	2									WSA	198		
	1.0	1028.7	1027.7	SM1						88	12									FVI			
	1.6	1027.7	1026.1	GP	3	1		200	56	43	1									WSA	199		
13-20	0.3	1033.4	1033.1	TS																FVI; ORGANICS			
	0.7	1033.1	1032.4	GP	3	1		250	56	42	2									FVI; LOOSE MATERIAL			
	0.3	1032.4	1032.1	SP					5	94	1									FVI			
	3.5	1032.1	1028.6	GP	8	3	2	800	66	33	1									WSA	197		
	1.2	1028.6	1027.4	SM1						88	12									FVI			
13-21	0.3	1039.9	1039.6	TS																FVI; ORGANICS			
	5.2	1039.6	1034.4	GP	8	3	2	800	71	26	3	63	47	14	20					WSA; LOOSE MATERIAL	196		
13-22	0.3	1041.8	1041.5	TS																FVI; ORGANICS			
	0.3	1041.5	1041.2	SM1						88	12									FVI			
	4.9	1041.2	1036.3	GP	8	3	2	600	69	29	2									WSA; LOOSE MATERIAL	195		
13-23	0.3	1039.3	1039.0	TS																FVI; ORGANICS			
	0.3	1039.0	1038.7	SM1						88	12									FVI			
	5.4	1038.7	1033.3	GP	3			150	52	47	1									WSA; ALTERNATING S+G	194		

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					75/150 mm	150/225 mm	> 225 mm	Maximum Size (mm)	Gravel	Sand	Fines	Fracture		Micro Duval	Sand Eq.		MgSO4					C (%)	F (%)	C (%)	F (%)
												A (%)	B (%)				C (%)	F (%)							
13-24	0.2	1031.5	1031.3	TS																	FVI; ORGANICS				
	4.3	1031.3	1027.0	GP	5	2	1	300	67	29	4											WSA; VERY LOOSE	193		
13-25	0.3	1039.8	1039.5	TS																		FVI; ORGANICS			
	0.5	1039.5	1039.0	GPGM	5	1		300	54	38	8											FVI			
	2.0	1039.0	1037.0	GP	5	1		300	60	39	1											FVI			
	1.0	1037.0	1036.0	SP					28	71	1											WSA	191		
	2.2	1036.0	1033.8	GP	8	4	1	600	60	39	1			81	3	7	2.7	2.6	1.4	2.3		WSA	192		
13-26	0.4	1038.7	1038.3	TS																		FVI; ORGANICS			
	0.3	1038.3	1038.0	GP	3	1		300	56	43	1											FVI			
	1.0	1038.0	1037.0	SM1						88	12											FVI; ONLY ON SW WALL			
	4.3	1037.0	1032.7	GP	5	1		300	70	27	3	67	68	10	14							WSA; LOOSE MATERIAL	220		
		1032.7	1032.7	SP/SM1?																		FVI; SP/SM1 AT BOTTOM?			
13-27	0.4	1043.0	1042.6	TS																		FVI; ORGANICS			
	0.3	1042.6	1042.3	SM3						68	32											FVI			
	3.3	1042.3	1039.0	GP	3	1		250	58	40	2											FVI; LOOSE MATERIAL			
	1.0	1039.0	1038.0	SM3						68	32											FVI			
	1.0	1038.0	1037.0	GP	5	2		300	67	32	1											WSA	219		

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					75/150 mm	150/225 mm	> 225 mm	Maximum Size (mm)	Gravel	Sand	Fines	Fracture		Micro Duval	Sand Eq.	MgSO4		C (%)				F (%)	C (%)	F (%)	
												A (%)	B (%)			C (%)	F (%)								C (%)
13-28	0.2	1033.0	1032.8	TS																		FVI;ORGANICS			
	3.8	1032.8	1029.0	GP	8	3	2	500	65	34	1					60	3	7	2.7	2.6	1.6	2.5		WSA	217
	2.0	1029.0	1027.0	SP	3	1		200	34	64	2													WSA	218
13-29	0.3	1033.3	1033.0	TS																				FVI; ORGANICS	
	4.7	1033.0	1028.3	GP	5	2		250	73	26	1	76	72											WSA; LOOSE MATERIAL	216
13-30	0.3	1033.8	1033.5	TS																				FVI; ORGANICS	
	4.2	1033.5	1029.3	GP	5	2	1	500	63	36	1													WSA	215
13-31	0.3	1031.2	1030.9	TS																				FVI; ORGANICS	
	4.7	1030.9	1026.2	GP	5	2	1	500	61	38	1													WSA	214
	1.0	1026.2	1025.2	SM1						88	12													FVI	

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