

# AGGREGATE TEST HOLE SUMMARY SHEET

PIT: GOLDDUST

DISTRICT: FRASER VALLEY

FILE No: 1711

T.P. No.	O.B. Depth	Soil Bound. (m)	Soil Class.	Gradation of Materials								Soundness Indicator				Material at Bottom of Hole	Watertable (m)	Remarks
				75/150 (mm)	150/225 (mm)	+225 (mm)	Max. Size (mm)	Gravel	Sand	Fines	Fracture %	Degrad.	Sand Equiv.	MgSO <sub>4</sub>				
														CA	FA			
95-1	0.5	0.0/0.5	SM3					5	65	30								FVi
		0.5/4.2	GP	5	3	1	250	61	37	2	90							WSA
		4.2/4.7	ML					10	70	20							ML	FVi
95-2	0.2	0.0/0.2	ML/TS					5	5	90								FVi, Organics
		0.2/0.8	SP/SM					10	80	10								FVi
		0.8/2.3	GP	5	3	1	125	63	35	2								FVi
		2.3/4.5	SM2					10	70	20							SM2	FVi
95-3	0.1	0.0/0.1	TS					10	10	90								FVi, Organics
		2.0	SM2					10	70	20								FVi
		2.0/4.2	GP	5	3	1	300	60	36	4		59	62	8.9	16.8			WSA
		4.2/5.0	SC2					20	60	20							SC2	FVi
95-4	0.1	0.0/0.1	ML/TS					10	10	90								FVi, Organics
		0.1/2.5	SP/SM					1	94	5								FVi
		2.5/5.0	GP	3	1	1	250	54	45	1							GP	FVi
95-5	0.1	0.0/0.1	TS					2	8	90								FVi, Organics
		0.1/1.8	SP/SM					5	90	5								FVi
		1.8/5.0	GP	4	2	1	250	55	43	2	87	66	81				GP	WSA



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				75/150 (mm)	150/225 (mm)	+225 (mm)	Max. Size (mm)	Gravel	Sand	Fines	Fracture %	Degrad.	Sand Equiv.	MgSO <sub>4</sub>				
														CA	FA			
95-9	0.2	0.0/0.2	TS							5	95							FVi, Organics
		0.2/1.5	SP					3	95	2								FVi
		1.5/2.3	SP					43	55	2								FVi
		2.3/3.3	SP					4	95	1								FVi
		3.3/5.0	GP		4	3	1	250	64	35	1						GP	FVi
95-10	0.3	0.0/0.3	TS							5	95							FVi, Organics
		0.3/2.0	SP							96	4							FVi
		2.0/3.2	GP		4	3	1	250	63	35	2							FVi
		3.2/4.5	SC2						10	65	25						SC2	FVi
95-11	0.1	0.0/0.1	TS							5	95							FVi, Organics
		0.1/0.5	SP/SM					4	90	6								FVi
		0.5/5.0	GP		5	3	1	300	53	44	3		Lost	68			GP	WSA
95-12	0.1	0.0/0.1	TS							5	95							FVi, Organics
		0.1/1.0	SP/SM					4	90	6								FVi
		1.0/4.5	GP		5	2	1	250	52	47	1							WSA
		4.5/5.0	SC2						10	65	25						SC2	FVi

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				75/150 (mm)	150/225 (mm)	+225 (mm)	Max. Size (mm)	Gravel	Sand	Fines	Fracture %	Degrad.	Sand Equiv.	MgSO <sub>4</sub>				
														CA	FA			
95-13	0.1	0.0/0.1	TS						5	95								FVi, Organics
		0.1/0.5	SP					20	76	4								FVi
		0.5/5.0	GP	5	4	1	300	57	40	3	95	33	73	7.3	17.6	GP		WSA
95-14	0.1	0.0/0.1	TS						5	95								FVi, Organics
		0.1/1.0	SP					20	76	4								FVi
		1.0/4.5	GP/GM	4	3	1	250	55	39	6		35	57					WSA
		4.5/5.0	SC2						75	25						SC2		FVi
95-15	0.4	0.0/0.4	TS						5	95								FVi, Organics
		0.4/1.3	SP/SM					5	85	10								FVi
		1.3/3.0	GP	4	3	1	250	61	35	4								FVi
		3.0/4.5	SC3						70	30						SC3		FVi
95-16	0.5	0.0/0.5	TS						5	95								FVi, Organics
		0.5/1.5	SP/SM						93	7								FVi
		1.5/5.0	GP	5	4	1	625	59	38	3						GP		WSA
95-17	0.3	0.0/0.3	TS						5	95								FVi, Organics
		0.3/1.0	SP/SM					5	90	5								FVi
		1.0/2.5	GP	3	2	1	225	64	35	1								FVi
		2.5/4.0	SC3						70	30						SC3		FVi

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				75/150 (mm)	150/225 (mm)	+225 (mm)	Max. Size (mm)	Gravel	Sand	Fines	Fracture %	Degrad.	Sand Equiv.	MgSO <sub>4</sub>					
														CA	FA				
95-18	0.3	0.0/0.3	TS							5	95								FVi, Organics
		0.3/0.8	SP/SM							93	7								FVi
		0.8/5.0	GP	5	4	1	250	62	34	4	92	41	47				GP		WSA
95-19	0.1	0.0/0.1	TS							5	95								FVi, Organics
		0.1/0.6	SP					26	70	4									FVi
		0.6/1.5	SP					10	89	1									FVi
		1.5/2.8	GP					59	40	1									FVi
		2.8/3.8	SC <sub>3</sub>						65	35							SC3		FVi
95-20	0.1	0.0/0.1	TS							5	95								FVi, Organics
		0.1/0.5	SP/SM					30	65	5									FVi
		0.5/3.0	GP	5	4	1	500	63	35	2									FVi
		3.0/4.5	SC <sub>3</sub>						65	35							SC3		FVi
95-21	0.3	0.0/0.3	TS							5	95								FVi, Organics
		0.0/5.0	GP	3	2		200	66	32	2							GP		WSA
95-22	0.3	0.0/0.3	TS							5	95								FVi, Organics
		0.3/5.0	GP	5	3	1	250	62	34	4	94	44	66				GP		WSA

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				75/150 (mm)	150/225 (mm)	+225 (mm)	Max. Size (mm)	Gravel	Sand	Fines	Fracture %	Degrad.	Sand Equiv.	MgSO <sub>4</sub>				
														CA	FA			
95-23	0.2	0.0/0.2	TS							5	95							FVi, Organics
		0.2/1.5	GP/GM					63	30	7								FVi
		1.5/2.3	CL						20	80						CL		FVi
95-24	0.3	0.0/0.3	TS							5	95							FVi, Organics
		0.3/0.5	SP							97	3							FVi
		0.5/5.0	GP	4	3	1	250	56	41	3		33	50			GP		WSA
95-25	0.2	0.0/0.2	TS							5	95							FVi
		0.2/0.5	SP							96	4							FVi
		0.5/5.0	GP/GM	5	4	1	300	61	34	5		35	42			GP/GM		WSA
95-26	0.2	0.0/0.2	TS							5	95							FVi, Organics
		0.2/5.0	GP	4	3	1	250	59	38	3	88	52	57	7.9	13.8	GP		WSA
95-27	0.1	0.0/0.1	TS							5	95							FVi, Organics
		0.1/5.0	GP/GM	4	2	1	250	52	41	7						GP/GM		WSA
95-28	0.1	0.0/0.1	TS							5	95							FVi, Organics
		0.1/5.0	GP	4	2	1	250	62	35	3	92	31	68			GP		WSA

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				75/150 (mm)	150/225 (mm)	+225 (mm)	Max. Size (mm)	Gravel	Sand	Fines	Fracture %	Degrad.	Sand Equiv.	MgSO <sub>4</sub>				
														CA	FA			
95-29	0.2	0.0/0.2	TS							5	95							
		0.2/1.2	GP/GM					60	30	10								FVi, Organics
		1.2/5.0	GP	4	2	1	250	60	36	4	96	45	49			GP		FVi, WSA
95-30	0.2	0.0/0.2	TS							5	95							FVi, Organics
		0.2/4.2	GP/GM	5	3	1	375	60	33	7							4.2	FVi, Seepage
		4.2/4.7	GC1					58	30	12								FVi
		4.7/5.0	CL						30	70						CL		FVi
95-31	0.1	0.0/0.1	TS							5	95							FVi, Organics
		0.1/4.0	SP/SM					15	80	5						SP/SM		WSA
95-32	0.1	0.0/0.1	TS							5	95							FVi, Organics
		0.1/4.0	GP	2			150	58	41	1		56	87					WSA
		4.0/5.0	SP					29	70	1						SP		FVi
95-33	0.3	0.0/0.3	TS							5	95							FVi, Organics
		0.3/3.5	SP					29	70	1								FVi
		3.5/3.8	SP/SM						93	7								FVi
		3.8/4.5	SC3						70	30						SC3		FVi







Ministry of Transportation

# TEST PIT / HOLE SUMMARY SHEET

Pit: Gold Dust

Contract Area: Fraser Valley

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				C	F	C	F
												A	B			C	F										
												(%)	(%)	(%)		(%)	(%)		(%)	(%)				(%)	(%)	(%)	(%)
TP12-1	1.2	0.0	1.2	GP	3	2	1	300	58	40	2												FVI				
	5.8	1.2	7.0	ML/SP																			FVI, ALTERNATE LAYERS OF ML & SP				
TP12-2	1.8	0.0	1.8	GP	3	3	2	380	64	35	1											1.8	FVI, FEW ML/CL LUMPS				
	5.2	1.8	7.0	ML						40	60												FVI				
TP12-3	0.3	0.0	0.3	5/8 CR																				FVI			
	1.2	0.3	1.5	SM3					10	55	35													FVI			
	5.5	1.5	7.0	GP	2	1	1	300	54	44	2	74	64	14	15									WSA	311		
TP12-4	0.6	0.0	0.6	OB																				FVI, SILTS/ORGANICS			
	6.4	0.6	7.0	GPGM	3	2	2	380	56	37	7					50	5	8	2.7	2.7	1.4	2.1		WSA, 2" SILT SEAM AT 2m	312		
TP12-5	0.4	0.0	0.4	5/8 CR																				FVI			
	4.2	0.4	4.6	GP	4	2	1	500	66	31	3	86	83	17	14									WSA	313		
	2.4	4.6	7.0	ML						25	75													FVI			
TP12-6	0.2	0.0	0.2	TS																				FVI			
	1.0	0.2	1.2	SM2					10	70	20													FVI			
	4.8	1.2	6.0	GP	1	1		150	50	47	3	69	67			69								WSA	314		
	1.0	6.0	7.0	GP	3	2	1	300	64	35	1													FVI			

FVI= Field Visual Identification  
BRX= Bedrock

WSA= Washed Sieve Analysis

LVI= Lab Visual Identification







Ministry of Transportation

# TEST PIT / HOLE SUMMARY SHEET

Pit: Gold Dust

Contract Area: Fraser Valley

Equipment Type:

SONIC

Test Pit/Hole Number	Layer Thickness (m)	Layer Top Elevation (m)	Layer Bottom Elevation (m)	Soil Classification	Gradation of Materials							Soundness Indicator					Density	Absorption				Petrographic No.	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 (%)	C (%)	F (%)					C (%)	F (%)	
												A (%)	B (%)			C (%)												F (%)
TH12-1	0.3	0.0	0.3	TS																						FVI		
	4.6	0.3	4.9	GPGM					50	42	8			15	7.1												WSA	302
	0.3	4.9	5.2	CL						10	90																FVI	
	0.6	5.2	5.8	GP					90	9	1																FVI	
	0.9	5.8	6.7	CL					10	10	80																FVI	
	2.1	6.7	8.8	ROCK																							FVI; POSSIBLE CLUSTER OF ROCKS	
	0.6	8.8	9.4	SM3						66	34																FVI	
	0.9	9.4	10.4	SM2					4	74	22																FVI	
	1.8	10.4	12.2	SM1	5	5	10		40	41	19			14	9.6												WSA; ESTIMATED OVERSIZE	303
	6.1	12.2	18.3	GM2	5	5	10		40	38	22																WSA; TILL LIKE, ESTIMATED OVERSIZE	304
TH12-2	0.6	0.0	0.6	TS																							FVI	
	3.0	0.6	3.7	GPGM					53	37	10			13	8.7									104			WSA	305
	1.2	3.7	4.9	ROCK AND GRAVEL																							FVI	
	1.2	4.9	6.1	SP					48	50	2																FVI	
	0.9	6.1	7.0	GM1					45	43	12																WSA	
	4.0	7.0	11.0	CL					10	20	70																FVI	
	0.3	11.0	11.3	SP					40	58	2																FVI	
	4.0	11.3	15.2	GM1					53	30	17																WSA; TILL-LIKE	307
	1.2	15.2	16.5	SM1					36	50	14																WSA	308
	1.8	16.5	18.3	GPGM					54	36	10																FVI; SAME AS 37-50 m LAYER	

FVI= Field Visual Identification  
BRX= Bedrock

WSA= Washed Sieve Analysis

LVI= Lab Visual Identification



Ministry of Transportation

# TEST PIT / HOLE SUMMARY SHEET

Pit: Gold Dust

Contract Area: Fraser Valley

Equipment Type:

SONIC

Test Pit/Hole Number	Layer Thickness (m)	Layer Top Elevation (m)	Layer Bottom Elevation (m)	Soil Classification	Gradation of Materials							Soundness Indicator					Density	Absorption				Petrographic No.	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	C	F					C	F		
												A (%)	B (%)			C (%)												F (%)	C (%)
TH12-3	5.2	0.0	5.2	GPGM						63	29	8														WSA	309		
	13.1	5.2	18.3	ML							10	90										30'			FVI				
TH12-4	0.3	0.0	0.3	GP						52	46	2														FVI			
	0.6	0.3	0.9	ML						5	10	85														FVI			
	5.8	0.9	6.7	SM2						33	43	24									104					WSA	310		
	5.5	6.7	12.2	ML							10	90														FVI			
	6.1	12.2	18.3	ML							20	80														FVI			
TH12-5	3.0	0.0	3.0	GPGM						51	40	9														WSA	76		
	9.1	3.0	12.2	ML							10	90														FVI			

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WSA= Washed Sieve Analysis

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