

AGGREGATE TEST HOLE SUMMARY SHEET

PIT: McClay

Contract Area - 1

EQUIPMENT TYPE: Auger, Becker and Excavator

Testpit Number	Overburden Depth	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 (%)
<u>1975 AUGERDRILL</u>																							
75-1		0.0/3.1	GP					60	39	1										FVI, REFUSAL			
75-2		0.0/3.1	GPGM					55	40	5										FVI			
		3.1/6.7	GP					?	?	TR										FVI			
75-3		0.0/1.8	GP					61	36	3										WSA			
		1.8/4.9	SPSM					45	50	5										WSA			
		4.9/7.0	SPSM					25	65	10										WSA			
75-4		0.0/4.9	SP					40	57	3										WSA			
		4.9/7.0	SPSM					45	50	5										WSA			
75-5		0.0/1.8	GP					81	16	3										WSA			
		1.8/4.9	SPSM					5	85	10										WSA			
		4.9/7.0	SPSM					25	65	10										WSA			
75-6		0.0/2.4	GP					60	36	4										WSA			
		2.4/7.0	GPGM					50	43	7										WSA			
75-7	0.6	0.0/0.6	OB																	FVI			
		0.6/3.7	GW			50		?	?	?										FVI, nothing on log			
		3.7/7.0	GPGM					52	40	8										WSA			

FVI= Field Visual Identification

BRX= Bedrock

WSA= Washed Sieve Analysis

LVI= Lab Visual Identification

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											A (%)	B (%)			C (%)						F (%)	C (%)	F (%)
75-8		0.0/0.6	GP				75	82	15	3											FVI		
		0.6/1.8	GP				37	100														FVI	
		1.8/4.0	GP				75	77	20	3												FVI	
75-9	1.5	0.0/0.3	OB																			FVI	
		0.3/0.9	ML							100												FVI	
		0.9/1.5	GM2				75	50	30	20												FVI	
		1.5/2.4	GP				100	90	9	1												FVI, REFUSAL	
75-10	3.7	0.0/0.3	OB																			FVI	
		0.3/3.7	CL							100												FVI	
75-11	3.7	0.0/3.7	CL																			FVI	
75-12	2.1	0.0/1.8	CL							100												FVI	
		1.8/2.1	SM3						70	30												FVI, REFUSAL	
75-13		0.0/0.6	GP				75	77	20	3												FVI	
		0.6/1.5	SPSM				25	6	87	7												WSA	
		1.5/2.4	SM1					1	81	18												WSA	
		2.4/4.6	SP					41	55	4												WSA	
		4.6/9.4	SP					37	59	4												WSA	

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											A (%)	B (%)			C (%)						F (%)	C (%)	F (%)
75-14		0.0/4.6	SP				50	43	56	1											WSA		
		4.6/9.4	SP				25	37	61	2											WSA		
75-15		0.0/3.7	GP				75	52	47	1											WSA, DEG-79		
		3.7/4.6	SM2					2	75	23											WSA		
		4.6/8.2	SP				50	37	62	1											WSA		
		8.2/9.4	SP						99	1											FVI		
75-16		0.0/2.4	SP				50	46	52	2											WSA		
		2.4/4.6	GP				25	50	49	1											WSA		
		4.6/8.2	SP					48	51	1											WSA		
		8.2/9.4	GP				75	74	25	1											FVI		
75-17	0.6	0.0/0.6	FILL																		FVI		
		0.6/2.4	SPSM				19	43	49	8											WSA		
		2.4/6.1	GPGM				75	59	34	7											WSA		
75-18	0.6	0.0/0.6	GM1					60	25	15											FVI		
		0.6/3.7	GP				25	58	41	1											WSA		
		3.7/4.6	SPSM					19	75	6											WSA		
		4.6/9.4	SP					5	91	4											WSA		

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											A (%)	B (%)			C (%)						F (%)
75-19	1.5	0.0/1.5	FILL																	FVI	
		1.5/4.7	GP				50	59	39	2										WSA	
		4.7/5.8	SM1					10	76	14										WSA	
		5.8/8.5	GP				75	57	41	2										WSA	
75-20		0.0/4.7	GP				75	58	41	1										WSA, DEG-65	
		4.7/9.4	GP				19	52	47	1										WSA	

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Province of British Columbia, Ministry of Transportation , GEOTECHNICAL AND MATERIALS ENGINEERING
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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 (%)
JAN. 1982 AUGERDRILL																					
82-1		0.0/3.0	GP				75	68	31	1								WSA, DEG- 36			
		3.0/3.3	SPSM					5	90	5								FVI			
		3.3/4.5	GPGM				75	60	35	5								FVI			
		4.5/8.0	SP				100	23	74	3								WSA			
82-2		0.0/2.3	GP				75	50	49	1								WSA, DEG- 66			
		2.3/3.4	SPSM					17	76	7								WSA			
		3.4/8.0	SM1						85	15								WSA			
82-3	4.1	0.0/0.5	ML/CL					5	20	75								FVI			
		0.5/2.5	SM1					2	81	17								WSA			
		2.5/4.1	SM2					10	70	20								FVI			
		4.1/4.5	SP				25	33	63	4								WSA			
		4.5/8.0	SM1						85	15								FVI			
82-4	2.2	0.0/0.7	SPSM					20	70	10								FVI			
		0.7/2.2	ML					13	33	54								WSA			
		2.2/2.7	GPGM				25	50	45	5								FVI			
		2.7/5.4	SPSM						95	5								WSA			
		5.4/8.0	SP				50	34	62	4								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 (%)
82-5	1.2	0.0/1.2	ML					5	22	73											WSA		
		1.2/2.5	SP				50	11	85	4											WSA		
		2.5/4.2	SPSM				75	36	57	7											WSA		
		4.2/8.0	SM1					3	82	15											WSA		
82-6		0.0/3.6	SP				50	11	87	2											WSA		
		3.6/7.4	SP				50	27	71	2											WSA		
		7.4/8.0	SPSM				25	6	88	6											WSA		
82-7	0.8	0.0/0.8	SM2					20	60	20											FVI		
		0.8/3.0	SP				75	40	57	3											WSA		
		3.0/7.0	SP				75	34	64	2											WSA		
		7.0/9.0	SP				50	18	80	2											WSA		
82-8		0.0/2.3	SP				50	23	75	2											WSA		
		2.3/3.4	SP					3	95	2											WSA		
		3.4/7.2	SP				75	41	57	2											WSA		
		7.2/9.4	GPGM				75	50	45	5											FVI		
82-9		0.0/2.7	GP				75	51	47	2											WSA, DEG- 58		
		2.7/4.9	SP				75	30	68	2											WSA		
		4.9/9.0	SP				50	37	61	2											WSA		

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											A (%)	B (%)			C (%)						F (%)	C (%)	F (%)
82-10		0.0/3.0	SP					98	2											WSA			
		3.0/6.1	SP				50	22	76	2										WSA			
		6.1/6.6	SPSM					30	65	5										FVI			
		6.6/8.0	SP					1	95	4										WSA			
82-11		0.0/5.6	GP				75	53	45	2										WSA			
		5.6/8.0	SP				50	36	63	1										WSA			
82-12	0.7	0.0/0.7	SM1					25	60	15										FVI			
		0.7/5.3	SP				75	33	65	2										WSA			
		5.3/8.6	SP				25	21	75	4										WSA			
82-13		0.0/1.3	SP				50	33	64	3										WSA			
		1.3/3.2	SPSM				75	25	70	5										WSA			
		3.2/5.8	SP					2	95	3										WSA			
		5.8/9.0	SP				50	40	58	2										WSA			
82-14		0.0/1.4	SPSM				25	14	76	10										WSA			
		1.4/2.3	SPSM				50	29	65	6										WSA			
		2.3/4.3	SP				75	44	53	3										WSA, DEG-39			
		4.3/8.0	SP				75	39	58	3										WSA			
82-15	5.4	0.0/5.4	ML					15	85											FVI			

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											A (%)	B (%)			C (%)						F (%)
JUNE 1982 AUGERDRILL																					
82-1A	1.1	0.0/1.1	SM4					4	55	40										FVI	
		1.1/7.2	SP				100	38	60	2										WSA	
		7.2/9.0	SP						98	2										WSA	
82-2A	1.0	0.0/1.0	SC2					11	63	26										WSA	
		1.0/15.6	SP				100	43	55	2										WSA, DEG- 51	
82-3A		0.0/1.4	SPSM					25	65	10										WSA	
		1.4/2.0	GPGM				75	55	40	5										FVI	
		2.0/4.0	SM1					10	71	19										WSA	
		4.0/9.6	GP				75	54	44	2										WSA	
		9.6/10.8	GPGM				75	60	33	7										WSA	
82-4A		0.0/2.0	GPGM				75	55	38	7										WSA	
		2.0/5.2	SP				50	37	62	1										WSA	
		5.2/11.3	SP				75	24	74	2										WSA	
82-5A	3.0	0.0/1.6	CL							100										LVI	
		1.6/3.0	SC4					5	45	50										LVI	
		3.0/4.0	SPSM					25	64	11										LVI	
		4.0/5.6	CL					10	20	70										FVI	

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											A (%)	B (%)			C (%)						F (%)
82-6A	2.9	0.0/1.3	SM4					12	39	49										LVI	
		1.3/2.9	ML						39	61										LVI	
		2.9/5.7	SPSM					11	80	9										LVI	
82-7A	1.0	0.0/1.0	ML					20	30	50										FVI	
		1.0/5.6	SP				25	22	76	2										WSA	
82-8A		0.0/2.3	SP					34	65	1										WSA	
		2.3/5.0	GP				125	51	47	2										WSA, DEG- 24	
		5.0/9.0	SP				75	33	64	3										WSA	
82-9A		0.0/1.9	SP				75	41	58	1										WSA	
		1.9/9.2	SP				50	24	74	2										WSA	
82-10A		0.0/5.6	SP				75	30	68	2										WSA	
		5.6/9.3	SP				50	18	78	4										WSA	
		9.3/15.0	SPSM				25	1	92	7										WSA	
82-11A		0.0/7.8	SP				125	42	57	2										WSA	
		7.8/13.0	SP				50	28	70	2										WSA	
82-12A		0.0/5.1	SP				75	27	70	3										WSA	
		5.1/6.4	ML					3	36	61										LVI	
		6.4/7.1	SPSM					46	49	5										WSA	

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											A (%)	B (%)			C (%)						F (%)	C (%)	F (%)
82-13A		0.0/8.3	GP				125	58	41	1										WSA, DEG- 48			
82-14A	1.0	0.0/1.0	OB																	FVI, LOGS, LARGE BLDRS			
		1.0/2.0	SPSM					30	65	5										WSA			
		2.0/6.7	SPSM						93	7										LVI			
82-14B	0.9	0.0/0.9	ML					10	30	60										FVI			
		0.9/12.6	SP				50	23	74	3										WSA			
82-15A		0.0/0.7	GPGM					60	35	5										FVI			
		0.7/5.6	CL						5	95										LVI			
82-16A		0.0/5.4	CL							100										LVI			
82-17A		0.0/1.6	GPGM					50	40	10										FVI			
		1.6/?	HPAN																	FVI, HARDPAN			
82-18A		0.0/8.4	SP				75	35	64	1										WSA			
		8.4/10.4	SP					15	83	2										LVI			
82-19A		0.0/5.5	SP				60	36	63	1										WSA			
		5.5/8.0	SP				40	16	83	1										WSA			
		8.0/10.0	SPSM					7	86	7										LVI			

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											A (%)	B (%)			C (%)						F (%)
82-20A		0.0/2.0	SP				50	34	63	3										WSA	
		2.0/8.0	SP				50	20	78	2										WSA	
82-21A	1.4	0.0/1.4	CL					5	28	67										LVI	
		1.4/6.0	SPSM				50	20	74	6										WSA	
		6.0/8.0	SM1						83	17										LVI	
82-22A	4.8	0.0/4.8	CL					5	30	65										LVI	
82-23A	3.5	0.0/3.5	CL					3	12	85										LVI	
		3.5/7.5	SPSM				50	19	75	6										WSA	
82-24A	1.2	0.0/1.2	ML					28	22	50										LVI	
		1.2/4.0	SPSM				60	36	56	8										WSA	
		4.0/8.0	SM3					13	57	30										LVI	
82-25A		0.0/2.0	SP					25	72	3										WSA	
		2.0/4.8	SP					8	80	2										WSA	

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											A (%)	B (%)			C (%)						F (%)
1986 AUGERHOLES																					
86-1		0.0/2.0	SPSM				50	20	75	5										FVI	
		2.0/4.0	SPSM				50	5	90	5										FVI, REFUSAL BLDR	
86-2		0.0/2.4	GP				75	52	45	3										WSA	
		2.4/6.8	SPSM				75	28	67	5										WSA	
86-3		0.0/1.2	SP				50	29	69	2										WSA	
		1.2/4.3	GP				75	55	42	3										WSA, DEG- 77, REFUSAL BLDR	
86-4		0.0/5.3	GP				150	63	36	1										WSA, DEG- 77, REFUSAL BLDR	
86-5	4.4	0.0/4.4	CL							100										FVI	
86-6	6.8	0.0/6.8	CL							100										FVI	
86-7	6.8	0.0/6.8	CL							100										FVI	
86-8	4.8	0.0/4.8	CL							100										FVI	
86-9	4.6	0.0/4.6	CL							100										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 (%)
1987 EXCAVATED TEST PITS																							
87-1	2.6	0.0/0.2	TS						10	90									FVI				
		0.2/2.4	ML						10	90									FVI				
		2.4/2.6	SM3						70	30									FVI				
		2.6/5.0	GP				150	54	43	3	93	77			28				WSA, DEG- 12				
87-2	4.8	0.0/0.2	GM1					45	40	15									FVI				
		0.2/0.8	ML						20	80									FVI				
		0.8/4.8	CL						6	94									LVI				
87-3	2.9	0.0/0.1	TS						10	90									FVI				
		0.1/2.9	ML						20	80									FVI				
		2.9/5.5	SPSM					32	62	6									WSA				
87-3A	0.7	0.0/0.2	TS						10	90									FVI				
		0.2/0.7	SM4					10	50	40									FVI				
		0.7/1.3	SPSM					15	80	5									FVI				
		1.3/2.0	GP					52	45	3									FVI				
		2.0/4.5	SP					35	63	2									FVI				
87-4	5.5	0.0/0.2	TS						10	90									FVI				
		0.2/5.5	ML						20	80									FVI				

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AGGREGATE TEST HOLE SUMMARY SHEET

PIT: McClay

Contract Area - 1

EQUIPMENT TYPE: Auger, Becker and Excavator

Testpit Number	Overburden Depth	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 (%)
87-5	3.5	0.0/0.3	TS						10	90											FVI	
		0.3/3.5	ML						20	80												FVI
		3.5/4.5	SM1					42	45	13												WSA
		4.5/6.0	SPSM					28	61	11												LVI
87-6	2.5	0.0/0.2	TS						10	90												FVI
		0.2/2.5	ML						20	80												FVI
		2.5/5.5	SM1					29	57	14												WSA
		5.5/6.3	SP					43	56	1												LVI
87-7	4.5	0.0/0.3	TS						10	90												FVI
		0.3/4.5	ML						20	80												FVI
87-8	4.5	0.0/0.3	TS						10	90												FVI
		0.3/4.5	ML						20	80												FVI
87-9	4.5	0.0/0.3	TS						10	90												FVI
		0.3/4.5	ML						20	80												FVI
		4.5/5.5	CL						3	97												LVI

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AGGREGATE TEST HOLE SUMMARY SHEET

PIT: McClay

Contract Area - 1

EQUIPMENT TYPE: Auger, Becker and Excavator

Testpit Number	Overburden Depth	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 (%)
87-10		0.0/0.5	SP						98	2									FVI				
		0.5/0.7	SP					39	60	1									FVI				
		0.7/1.8	SP					49	50	1	30	40			82				WSA, DEG- 70				
		1.8/4.0	GP					53	46	1	28	38			80				WSA, DEG- 70				
		4.0/5.5	SP					40	59	1									WSA				
NOTE: TP87-10A IS PIT FACE ABOVE TP87--10, 0.0 IS PIT FLOOR ELEVATION																							
87-10A		0.0/1.0	GP	7	5	3	300	63	36	1	49	48			91				WSA, DEG- 79				
		1.0/2.2	SP	1			150	29	70	1									WSA				
		2.2/3.0	GP	5	3		225	66	33	1	53	54			82				WSA, DEG- 66				
		3.0/5.5	SP	2			150	40	59	1									FVI				
87-11		0.0/0.1	GM1					65	15	20									FVI				
		0.1/0.7	SP						99	1									FVI				
		0.7/5.0	GP	3	2		225	55	44	1	40	48			91				WSA, DEG- 75				
		5.0/6.3	GP					54	45	1	29	47			86				WSA, DEG- 69				
87-12	0.3	0.0/0.3	TS						10	90									FVI				
		0.3/2.0	?					?	?	?									FVI				
		2.0/2.8	GPGM	7	5	3	300	75	20	5									FVI				
		2.8/5.0	GP	1			150	66	33	1									WSA				
		5.0/10.0	GP	10	7	5	300	89	10	1	53	74			86				WSA, DEG- 65				
87-13	0.1	0.0/0.1	TS						10	90									FVI				
		0.1/6.3	GP	4			150	59	40	1	44	43			95				WSA, DEG- 67				

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AGGREGATE TEST HOLE SUMMARY SHEET

PIT: McClay

Contract Area - 1

EQUIPMENT TYPE: Auger, Becker and Excavator

Testpit Number	Overburden Depth	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 (%)
87-14	0.1	0.0/0.1	TS					10	90											FVI			
		0.1/5.5	GP	5	2		225	65	34	1	48	47								WSA			
		5.5/6.3	SP					39	60	1										WSA			

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AGGREGATE TEST HOLE SUMMARY SHEET

PIT: McClay

Contract Area - 1

EQUIPMENT TYPE: Auger, Becker and Excavator

Testpit Number	Overburden Depth	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 (%)
87-15	0.2	0.0/0.2	GM2					60	20	20											FVI		
		0.2/1.7	GP	2			100	79	20	1												WSA	
87-16	0.1	0.0/0.1	SM3						70	30												FVI	
		0.1/0.9	SP	5			150	48	51	1												WSA	
		0.9/2.8	SP					10	89	1												FVI	
		2.8/4.0	GP	5			150	65	34	1	68	60			69							WSA, DEG- 39	
		4.0/5.5	GP					78	21	1												WSA	
87-17	0.2	0.0/0.2	TS						10	90												FVI	
		0.2/0.5	SPSM					40	53	7												FVI	
		0.5/1.2	GP	2			100	74	25	1	45	46			81							WSA, DEG- 14	
		1.2/4.5	SP	5			100	36	63	1												WSA	
87-18	0.6	0.0/0.1	TS						10	90												FVI	
		0.1/0.6	SM1						85	15												FVI	
		0.6/1.3	SP	1			150	10	89	1												FVI	
		1.3/4.0	GP	5	2		225	66	31	3	49	53			70			2.8	0.96	4.2		WSA, DEG- 34	
		4.0/5.3	GP	3	1		225	52	47	1												FVI	

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AGGREGATE TEST HOLE SUMMARY SHEET

PIT: McClay

Contract Area - 1

EQUIPMENT TYPE: Auger, Becker and Excavator

Testpit Number	Overburden Depth	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 (%)
87-19	0.2	0.0/0.2	TS						10	90										FVI			
		0.2/1.0	SPSM						89	11										LVI			
		1.0/1.4	GP	1			150	55	44	1										FVI			
		1.4/1.8	SP						99	1										FVI			
		1.8/6.0	GP	6	2	1	300	62	36	2	43	48		75						WSA, DEG- 22			
87-20	0.2	0.0/0.2	TS						10	90										FVI			
		0.2/0.6	SP						98	2										FVI			
		0.6/3.0	GP	7	5		225	62	37	1	59	47		100						WSA, DEG- 29			
		3.0/6.3	GP					60	39	1	44	50								WSA			
87-21	0.7	0.0/0.7	SM1						80	20										FVI			
		0.7/1.0	SP						99	1										FVI			
		1.0/3.5	GP	7	5	1	300	62	34	4	57	49								WSA			
		3.5/6.0	GP	2			150	58	41	1										WSA			
87-22		0.0/2.0	SP	5			150	35	64	1										FVI			
		2.0/4.5	GP	5			150	63	36	1	48	54								WSA			

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AGGREGATE TEST HOLE SUMMARY SHEET

PIT: McClay

Contract Area - 1

EQUIPMENT TYPE: Auger, Becker and Excavator

Testpit Number	Overburden Depth	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 (%)
1987 AUGERDRILL																							
87-1		0.0/2.8	GP					55	43	2										WSA			
		2.8/6.6	SP					48	50	2										WSA			
		6.6/8.9	GP					60	39	1										WSA			
87-2	0.2	0.0/0.2	OB																	FVI			
		0.2/1.4	SM3					24	41	35										LVI			
		1.4/5.9	GPGM					49	45	6										WSA			
87-3		0.0/1.2	GPGM					58	33	9										WSA			
		1.2/5.5	GPGM					65	30	5										FVI			
87-4		0.0/8.9	SP					40	57	3										WSA			
87-5		0.0/3.4	GPGM					65	30	5										FVI			
		3.4/8.0	GPGM					50	45	5										FVI			
		8.0/10.7	SPSM					25	70	5										FVI			
87-6		0.0/2.8	GPGM					65	30	5										FVI			
		2.8/5.8	SPSM					20	75	5										FVI			
		5.8/8.3	SPSM					40	55	5										FVI, REFUSAL BLDR			
87-7		NOT DRILLED																					

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AGGREGATE TEST HOLE SUMMARY SHEET

PIT: McClay

Contract Area - 1

EQUIPMENT TYPE: Auger, Becker and Excavator

Testpit Number	Overburden Depth	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 (%)
1989 BECKERDRILL																							
89-1		0.0/3.7	GP					60	40										FVI				
		3.7/10.4	GP					80	20										FVI				
		10.4/14.0	GP					68	30	2	58	54			70				WSA, DEG- 72				
		14.0/16.5	SP					37	60	3	51	18							WSA				
89-2	1.8	0.0/1.8	TS					ORGANICS												FVI			
		1.8/3.1	GP					?	?	?										FVI			
		3.1/5.5	GPGM					54	40	6										WSA			
		5.5/11.0	GP					53	44	3	57	38								WSA			
		11.0/15.2	SPSM					32	63	5										WSA			
89-3		0.0/7.3	SPSM					41	51	8	66	52								WSA			
		7.3/12.2	GP					63	33	4	61	23								WSA			
		12.2/16.5	SP					32	64	4	48	11								WSA			
89-4		NOT DRILLED																					

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AGGREGATE TEST HOLE SUMMARY SHEET

PIT: McClay

Contract Area - 1

EQUIPMENT TYPE: Auger, Becker and Excavator

Testpit Number	Overburden Depth	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 (%)
89-5		0.0/3.7	GP					68	29	3											WSA
		3.7/7.3	SP					46	53	1											WSA
		7.3/9.1	GP					85	15												FVI
		9.1/10.4	GP					66	32	2	30	21									WSA
		10.4/11.6	GP					90	10												FVI
		11.6/14.0	GP					70	30												FVI
		14.0/16.5	SP					15	85												FVI
89-6		0.0/5.5	SPSM					22	73	5	53	53									WSA
		5.5/11.6	SP					20	80												FVI
		11.6/13.4	SM1					20	65	15											WSA
		13.4/14.6	SP					20	80												FVI
		14.6/16.5	SM2						78	22											WSA
89-7		0.0/6.1	GP?					PUSHED LARGE BOULDER TO 6.1													FVI
		6.1/9.1	SP					28	69	3	53	49									WSA
		9.1/12.8	SPSM					19	76	5	48	57									WSA
		12.8/16.5	SPSM					34	61	5	34	21									WSA

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AGGREGATE TEST HOLE SUMMARY SHEET

PIT: McClay

Contract Area - 1

EQUIPMENT TYPE: Auger, Becker and Excavator

Testpit Number	Overburden Depth	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 (%)
2003 EXCAVATOR- NOTE: GRADATIONS SHOWN ARE ESTIMATED FROM "CONSULTANT" REPORT TESTPIT PHOTOS & MATERIAL LOG DESCRIPTIONS																					
03-1		0.0/0.5	SP					20	78	2											FVI
		0.5/4.9	GP	2	1		250	53	46	1											WSA
03-2		0.0/0.3	SP					20	78	2											FVI
		0.3/3.0	SP	1			100	34	65	1											FVI
		3.0/3.3	SP					4	95	1											FVI
		3.3/5.3	GP	2			100	54	45	1											FVI
03-3		0.0/0.6	SP					35	63	2											FVI
		0.6/0.8	SP					15	83	2											FVI
		0.8/1.6	SP						99	1											FVI
		1.6/3.4	GP					58	40	2											FVI
		3.4/5.5	SP					15	83	2											FVI
03-4	0.5	0.0/0.2	SM2					10	65	25											FVI
		0.2/0.5	SP					15	83	2											FVI
		0.5/4.5	GP	2			150	58	40	2											FVI
03-5	0.5	0.0/0.5	SM2					10	65	25											FVI
		0.5/3.1	GP	2			150	51	48	1											FVI
		3.1/3.5	SP					20	78	2											FVI

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AGGREGATE TEST HOLE SUMMARY SHEET

PIT: McClay

Contract Area - 1

EQUIPMENT TYPE: Auger, Becker and Excavator

Testpit Number	Overburden Depth	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 (%)
03-6		0.0/0.6	SP					33	65	2										FVI	
		0.6/2.3	SP					25	73	2										FVI	
		2.3/3.4	GP					75	24	1										FVI	
03-7	0.2	0.0/0.2	SM1					5	80	15										FVI	
		0.2/4.8	SP					6	90	4										FVI	
03-8	0.3	0.0/0.3	SM3					9	60	31										FVI	
		0.3/3.0	GP	3	1		175	57	40	3										FVI	
03-9	0.3	0.0/0.3	ML						10	90										FVI	
		0.3/4.5	GPGM	4	2	1	300	55	35	10		71	6.9	13	2.8	0.7	2.3			WSA, DEG- 27	
03-10	0.1	0.0/0.1	ML						10	90										FVI	
		0.1/2.8	SP	1			100	34	63	3										FVI	
		2.8/5.5	SPSM					15	80	5										FVI	
03-11	1.1	0.0/0.1	SM2					5	75	20										FVI	
		0.1/1.1	SM2					15	65	20										FVI	
		1.1/4.1	GP	1			100	52	45	3										FVI	
03-12	1.0	0.0/0.4	SM1					10	75	15										FVI	
		0.4/1.0	SM3					9	60	31										FVI	
		1.0/4.5	ML						10	90										FVI	

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AGGREGATE TEST HOLE SUMMARY SHEET

PIT: McClay

Contract Area - 1

EQUIPMENT TYPE: Auger, Becker and Excavator

Testpit Number	Overburden Depth	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 (%)
03-13	1.3	0.0/0.3	ML						10	90										FVI	
		0.3/1.3	SM3					5	65	30										FVI	
		1.3/5.0	GP					57	42	1										WSA	
03-14	0.1	0.0/0.1	SM2					5	75	20										FVI	
		0.1/3.1	GP	1			100	51	48	1										FVI	
		3.1/3.5	GP					59	40	1										FVI	
03-15	0.1	0.0/0.1	SM2					5	75	20										FVI	
		0.1/0.9	GP					52	45	3										FVI	
		0.9/1.5	SP					14	85	1										FVI	
		1.5/3.7	GP	1			100	70	29	1			46	1.9	6.7	2.8	0.7	2		WSA, DEG- 67	
03-16		0.0/1.0	SP					48	50	2										FVI	
		1.0/4.1	SP					16	73	1										FVI	
03-17	0.1	0.0/0.1	SM2					5	75	20										FVI	
		0.1/1.6	GP	1			100	50	49	1										FVI	
		1.6/4.2	SP					39	60	1										FVI	
		4.2/5.2	GP	1			100	64	35	1										FVI	

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