

AGGREGATE TEST HOLE SUMMARY SHEET

PIT: Coleman Road DISTRICT: Central Island

FILE No: 54656

Testpit Number	Overburden Depth	Soil Bound. (mm)	Soil Classification	Gradation of Materials								Soundness Indicator				Material at Bottom of Hole	Watertable (m)	Remarks
				75/150 (mm)	150/225 (mm)	+ 225 (mm)	Maximum Size (mm)	Gravel	Sand	Fines	Fracture (%)	Degrad.	Sand Equivalent	MgSO4				
														CA	FA			
97-1		0.0/0.1	GPGM					50	40	10								FVI
		0.1/3.0	GP	1			125	45	1		50	66	44				3.0	1gal/min, WSA
		3.0/5.0	SC2						75	25						SC2		
97-2	0.3	0.0/0.3	SPSM					40	50	10								FVI
		0.3/1.5	GP	3			125	59	40	1								FVI
		1.5/3.0	SP					19	80	1							3.0	1 gal/min, FVI
		3.0/4.0	SC2						75	25						BRX		BRX @ 4.0
97-3	0.3	0.0/0.3	TS/SM1					25	60	15								FVI
		0.3/3.3	GP	5			150	55	43	2		75	40					WSA
		3.3/5.5	SPSM						90	10								FVI
		5.5/6.0	SC2						80	20						SC2		FVI
97-4	0.3	0.0/0.3	TS/SM1					25	60	15								FVI
		0.3/3.1	GP	4	1		175	63	35	2								FVI
		3.1/4.5	SM1						82	18								WSA
		4.5/6.0	SPSM						90	10						SPSM		FVI

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														CA	FA			
97-5	0.3	0.0/0.3	TS/SM1					25	60	15								FVI
		0.3/1.5	GP	5			150	54	45	1								FVI
		1.5/3.0	SP					36	63	1								WSA
		3.0/6.0	SP					9	90	1						SP		FVI
97-6	0.3	0.0/0.3	TS/SM1					25	60	15								FVI
		0.3/2.0	GP	5	1		200	55	44	1	76	76	59					WSA
		2.0/6.0	GP	2			100	42	56	2	57					GP		WSA
97-7	0.3	0.0/0.3	TS/SM1					25	60	15								FVI
		0.3/1.5	GP	5	1		200	55	44	1								FVI
		1.5/6.0	SP	3			150	48	51	1						SP		WSA
97-8	0.3	0.0/0.3	TS/SM1					25	60	15								FVI
		0.3/1.8	GP	5	1		200	64	35	1								FVI
		1.8/5.0	SP	3	1		200	48	51	1								FVI
		5.0/6.0	GP	6			150	55	44	1						GP		FVI
97-9	0.3	0.0/0.3	TS/GM1					50	35	1								FVI
		0.3/6.0	GP	5	2	1	225	61	38	1	72	76	42			GP		WSA

FVI= Field Visual Identification

WSA= Washed Sieve Analysis

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														CA	FA			
97-10	0.2	0.0/0.2	TS/SM1					25	60	15								FVI
		0.2/1.8	GP	5	1		200	64	35	1								FVI
		1.8/4.0	SP	2			100	48	51	1								WSA
		4.0/5.0	SP					24	75	1								FVI
		5.0/6.0	SP							99	1					SP		FVI
97-11	0.2	0.0/0.2	TS/SM1					25	60	15								FVI
		0.2/2.7	GP	5			150	57	42	1								FVI
		2.7/3.0	SP							99	1							FVI
		3.0/5.0	SP					34	65	1								FVI
		5.0/6.0	GP					54	45	1						GP	5.5	FVI
97-12	0.3	0.0/0.3	TS/SM1					25	60	15								FVI
		0.3/2.3	GP	5			150	57	42	1								FVI
		2.3/4.5	SP					19	80	1								FVI
		4.5/6.0	SPSC						90	10						SPSC	5.0	1gal/min, FVI

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				75/150 (mm)	150/225 (mm)	+ 225 (mm)	Maximum Size (mm)	Gravel	Sand	Fines	Fracture (%)	Degrad.	Sand Equivalent	MgSO4				
														CA				FA
97-13	0.3	0.0/0.3	TS/SM1					25	60	15								FVI
		0.3/1.8	GP	4	1		200	64	35	1								FVI
		1.8/3.0	SP					19	80	1								FVI
		3.0/4.0	SP						99	1								FVI
		4.0/5.5	SPSC						90	10						SPSC	4	1gal/min, FVI
97-14	0.3	0.0/0.3	TS/SM1					25	60	15								FVI
		0.3/1.2	SP					29	70	1								FVI
		1.2/2.5	GP	2			125	54	45	1								FVI
		2.5/6.0	SPSM						95	5						SPSM		FVI
97-15	0.3	0.0/0.3	TS/SM1					25	60	15								FVI
		0.3/3.0	GP	5			150	59	39	2								WSA
		3.0/4.5	SP					29	70	1								FVI
		4.5/6.0	SP						97	3						SP		Fine Sand, FVI
97-16	0.3	0.0/0.3	TS/SM1					25	60	1								FVI
		0.3/5.0	GP	5	1		200	56	43	1								WSA
		5.0/6.0	SP					23	75	2						SP		FVI

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				75/150 (mm)	150/225 (mm)	+ 225 (mm)	Maximum Size (mm)	Gravel	Sand	Fines	Fracture (%)	Degrad.	Sand Equivalent	MgSO4				
														CA	FA			
97-17	0.3	0.0/0.3	TS/SM1					25	60	15								FVI
		0.3/3.0	GP	4			150	54	45	1								FVI
		3.0/4.5	SP	1			75	34	65	1								FVI
		4.5/6.0	SP					12	85	3						SP		FVI
97-18	0.3	0.0/0.3	TS/SM1					25	60	15								FVI
		0.3/2.5	GP	5			150	58	41	1	67		3.3	6.4				WSA
		2.5/5.0	SP					29	70	1								FVI
		5.0/6.0	SP					9	90	1						SP		FVI
97-19	0.3	0.0/0.3	TS/SM1					25	60	15								FVI
		0.3/2.8	GP	4	1		175	59	40	1								FVI
		2.8/5.0	SP					9	90	1								FVI
		5.0/6.0	SC1						88	12						SC1		FVI
97-20	0.3	0.0/0.3	TS/SM1					25	60	15								FVI
		0.3/1.8	GP	5			150	59	40	1								FVI
		1.8/3.0	SP	1			75	31	68	1	54	82	81					WSA
		3.0/6.0	SP					19	80	1						SP		FVI

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				75/150 (mm)	150/225 (mm)	+ 225 (mm)	Maximum Size (mm)	Gravel	Sand	Fines	Fracture (%)	Degrad.	Sand Equivalent	MgSO4				
														CA	FA			
97-21	0.3	0.0/0.3	TS/SM1					25	60	15								FVI
		0.3/4.0	GP	6	1		225	52	47	1								FVI
		4.0/6.0	SP	2			150	39	60	1						SP		FVI
97-22	0.3	0.0/0.3	TS/SM1					25	60	15								FVI
		0.3/6.0	GP	5	1		200	51	48	1								WSA
		6.0/?														SP?		Appeared sandier
97-23	0.3	0.0/0.3	TS/SM1					25	60	15								FVI
		0.3/1.5	GP	4			150	64	35	1								FVI
		1.5/3.5	SP					9	90	1								FVI
		3.5/4.0	SM1						85	15								FVI
		4.0/5.5	SP						99	1						SP		FVI
97-24	0.3	0.0/0.3	TS/SM1					25	60	15								FVI
		0.3/2.0	GP	4			150	64	35	1								FVI
		2.0/4.0	SP	1			100	34	65	1								FVI
		4.0/6.0	SP					9	90	1						SP		FVI

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