TEST PIT SUMMARY SHEET

PROJECT	KELLY PIT 1993	TEST METHOD	EXCAVATOR-CAT 225			
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TEST PIT NUMBER	SOIL CLASSIFICATION	LAYER THICKNESS (m)	FIELD V.I.							PIT RUN				LAB CRUSH			LAB TEST RESULTS					
			WATERTABLE (m)	FINES	SAND	GRAVEL	75-150 mm (%)	150-300 mm (%)	>300 mm (%)	SOIL CLASSIFICATION	FINES	SAND	GRAVEL	FINES	SAND	GRAVEL	SAND EQUIVALENT	DEGRADE	MgSO4 %coarse/ %fine	FRACTURE A/B	B.R.D coarse/fines	ABSORPTION %coarse/%fines
93-01	TS	0.2																				
	GP	3.3		4	42	56	0	0	0	SP	2	63	35									
93-02	TS	1																				
	GP	3		4	36	60	0	0	0	0	1	43	56	1	46	53				44/67		
93-03	TS	1.4																				
	GP	2.9		4	40	56	0	0	0	GP	2	24	74	2	32	66	79	81				
93-04	TS	0.5																				
	GP	4		4	45	51	0	0	0	GW	1	41	58									
93-05	TS	1.4																				
	GP	3.1		4	40	56	0	0	0	GW	2	25	73									
93-06	TS	1.8																				
	GP	2.7		4	34	62	0	0	0	GW	2	26	72	2	35	63				52/59		
93-07	TS	1.6																				
	GP	2.9		4	36	60	0	0	0	GW	3	22	75	3	28	69					2.58/2.57	1.30/1.63

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PROJECT	KELLY PIT 1993	TEST METHOD	EXCAVATOR-CAT 225			
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TEST PIT NUMBER	SOIL CLASSIFICATION	LAYER THICKNESS (m)	FIELD V.I.							PIT RUN				LAB CRUSH			LAB TEST RESULTS					
			WATERTABLE (m)	FINES	SAND	GRAVEL	75-150 mm (%)	150-300 mm (%)	>300 mm (%)	SOIL CLASSIFICATION	FINES	SAND	GRAVEL	FINES	SAND	GRAVEL	SAND EQUIVALENT	DEGRADE	MgSO4 %coarse/ %fine	FRACTURE A/B	B.R.D coarse/fines	ABSORPTION %coarse/%fines
93-08	TS	0.5																				
	SP	4		4	52	44	1	0	0	SP	1	55	44									
93-09	TS	0.3																				
	GW	3.2		3	17	80	0	0	0	GW	1	10	89	2	18	80						
93-10	TS	0.5																				
	SP	3.5		4	80	16	0	0	0	SP-SM	7	77	16									
93-11	TS	0.1																				
	GP	1.1		3	27	70	0	0	0	GP	1	34	65	2	40	58				56/61		
	GP	2.3		3	41	56	0	0	0													
93-12	TS	0.2																				
	GP	3.3		4	27	69	2	0	0	GP	2	28	70	2	30	68						
93-13	TS	0.3																				
	GP	4.3		3	42	55	1	0	0	GW	1	36	63									
93-14	TS	0.3																				
	SP	4		4	80	16	2	1	0	SP	2	66	32									

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PROJECT	KELLY PIT 1993	TEST METHOD	EXCAVATOR-CAT 225			
DISTRICT	FORT GEORGE	DATE	JANUARY 25,1993	PAGE	4	OF 12

TEST PIT NUMBER	SOIL CLASSIFICATION	LAYER THICKNESS (m)	FIELD V.I.							PIT RUN				LAB CRUSH			LAB TEST RESULTS					
			WATERTABLE (m)	FINES	SAND	GRAVEL	75-150 mm (%)	150-300 mm (%)	>300 mm (%)	SOIL CLASSIFICATION	FINES	SAND	GRAVEL	FINES	SAND	GRAVEL	SAND EQUIVALENT	DEGRADE	MgSO4 %coarse/ %fine	FRACTURE A/B	B.R.D coarse/fines	ABSORPTION %coarse/%fines
93-22	TS	0.3																				
	SP	3.7		3	55	42	0	0	0	SP	2	66	32	2	67	31				27/46		
93-23	TS	0.3																				
	GP	3.2		3	37	60	0	0	0	GP	1	40	59	2	47	51	88	81				
93-24	TS	0.5																				
	GP	1.5		4	30	66	2	0	0													
	GP-GM	2		5	25	70	0	0	0	GW	4	28	68	4	29	67					2.61/2.59	1.30/1.52
93-25	TS	1																				
	GP	3.7		3	27	70	2	0	0	GP	2	38	60	1	33	66				72/67.5		
93-26	TS	1																				
	GP	3		4	32	64	0	0	0	GP	1	33	66	1	37	62						
93-27	TS	0.3																				
	GP	4		3	39	58	1	0	0	GW	2	29	69	2	33	65				53/74		
93-28	TS	0.3																				
	GP	4.1		3	41	56	0	0	0	GW	1	33	66									

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PROJECT	KELLY PIT 1993	TEST METHOD	EXCAVATOR-CAT 225				
DISTRICT	FORT GEORGE	DATE	JANUARY 25,1993	PAGE	5	OF	12

TEST PIT NUMBER	SOIL CLASSIFICATION	LAYER THICKNESS (m)	FIELD V.I.							PIT RUN				LAB CRUSH			LAB TEST RESULTS					
			WATERTABLE (m)	FINES	SAND	GRAVEL	75-150 mm (%)	150-300 mm (%)	>300 mm (%)	SOIL CLASSIFICATION	FINES	SAND	GRAVEL	FINES	SAND	GRAVEL	SAND EQUIVALENT	DEGRADE	MgSO4 %coarse/ %fine	FRACTURE A/B	B.R.D coarse/fines	ABSORPTION %coarse/%fines
93-29	TS	1																				
	GP	3		6	39	55	1	0	0	GW	3	19	78	4	33	63				50/57		
93-30	TS	0.1																				
	SP	4.3		3	87	10	0	0	0	SP	1	99	0									
93-31	TS	1																				
	SP	3.1		3	86	11	0	0	0	SP	1	78	21									
93-32	TS	1.7																				
	SP	2.3		4	56	40	0	0	0	GP	2	41	57									
93-33	TS	0.6																				
	GP	3.7		4	35	61	0	0	0	GW	4	27	69	4	33	63	69	79				
93-34	TS	0.4																				
	GP	4		4	30	66	0	0	0	GW	2	31	67	2	34	64				63/33		
93-35	TS	0.4																				
	GP	4.2		3	41	56	2	0	0	GW	2	29	69	2	33	65					2.64/2.60	1.01/1.17

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PROJECT	KELLY PIT 1993	TEST METHOD	EXCAVATOR-CAT 225			
DISTRICT	FORT GEORGE	DATE	JANUARY 25,1993	PAGE	6	OF 12

TEST PIT NUMBER	SOIL CLASSIFICATION	LAYER THICKNESS (m)	FIELD V.I.							PIT RUN				LAB CRUSH			LAB TEST RESULTS					
			WATERTABLE (m)	FINES	SAND	GRAVEL	75-150 mm (%)	150-300 mm (%)	>300 mm (%)	SOIL CLASSIFICATION	FINES	SAND	GRAVEL	FINES	SAND	GRAVEL	SAND EQUIVALENT	DEGRADE	MgSO4 %coarse/ %fine	FRACTURE A/B	B.R.D coarse/fines	ABSORPTION %coarse/%fines
93-36	TS	0.8																				
	GP	3.2		3	47	50	0	0	0	GW	2	25	73	2	31	67				34/54		
93-37	TS	1																				
	GP-GM	3.5		6	30	64	0	0	0	GW	5	19	76	5	25	70				50/59		
93-38	TS/GP	1																				
	GP	3.5		4	36	60	0	0	0	GW	3	27	70	4	34	62						
93-39	TS	0.3																				
	GP-GM	4.1		6	42	52	0	0	0	GW	3	23	74	4	32	64						
93-40	TS	0.3																				
	GP-GM	4		6	39	55	1	0	0	GW	3	25	72	4	32	64				66/76		
93-41	TS	1.1																				
	GP-GM	3.1		7	38	55	1	0	0	GW	5	24	71	5	31	64	58	86.6				
93-42	TS	0.7																				
	GP-GM	3.9		6	41	53	3	0	0	GP-GM	5	26	69	6	34	60						

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PROJECT	KELLY PIT 1993	TEST METHOD	EXCAVATOR-CAT 225			
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TEST PIT NUMBER	SOIL CLASSIFICATION	LAYER THICKNESS (m)	FIELD V.I.							PIT RUN				LAB CRUSH			LAB TEST RESULTS					
			WATERTABLE (m)	FINES	SAND	GRAVEL	75-150 mm (%)	150-300 mm (%)	>300 mm (%)	SOIL CLASSIFICATION	FINES	SAND	GRAVEL	FINES	SAND	GRAVEL	SAND EQUIVALENT	DEGRADE	MgSO4 %coarse/ %fine	FRACTURE A/B	B.R.D coarse/fines	ABSORPTION %coarse/%fines
93-43	TS	0.5																				
	GP-GM	4.1		6	44	50	2	1	0	GW	4	28	68	4	32	64				52/58		
93-44	TS	1.2																				
	GP	3.3		3	40	57	0	0	0	GW	2	26	72									
93-45	TS	0.5																				
	GP-GM	4		5	35	60	3	0	0	GW	3	30	67	3	34	63				51/58		
93-46	TS	0.2																				
	GP-GM	4.5		6	36	58	3	0	0	GW	4	27	69	4	30	66						
93-47	TS	0.6																				
	GP	3.9		3	38	59	0	0	0													
93-48	TS	0.5																				
	GP-GM	3.8		6	38	56	1	0	0	GW	3	22	75	3	27	70						
93-49	TS	0.5																				
	SP	4.1		4	66	30	0	0	0	GW	1	34	65									

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PROJECT	KELLY PIT 1993	TEST METHOD	EXCAVATOR-CAT 225			
DISTRICT	FORT GEORGE	DATE	JANUARY 25,1993	PAGE	8	OF 12

TEST PIT NUMBER	SOIL CLASSIFICATION	LAYER THICKNESS (m)	FIELD V.I.							PIT RUN				LAB CRUSH			LAB TEST RESULTS					
			WATERTABLE (m)	FINES	SAND	GRAVEL	75-150 mm (%)	150-300 mm (%)	>300 mm (%)	SOIL CLASSIFICATION	FINES	SAND	GRAVEL	FINES	SAND	GRAVEL	SAND EQUIVALENT	DEGRADE	MgSO4 %coarse/ %fine	FRACTURE A/B	B.R.D coarse/fines	ABSORPTION %coarse/%fines
93-50	TS	0.7																				
	GP	3.9		3	37	60	2	0	0	GP	2	40	58	3	44	53	72	85.1				
93-51	TS	0.6																				
	GP-GM	3.9		6	33	61	2	0	0	GP	4	39	57	4	44	52				39/47.5		
93-52	TS	0.5																				
	GP-GM	4.2		6	40	54	3	0	0	GW	2	31	67	3	35	62						
93-53	TS	0.5																				
	GP	4.1		4	39	57	1	0	0	GW	2	20	78	2	25	73						
93-54	TS	0.9																				
	GP	3.5		4	44	52	0	0	0	GP	1	49	50									
93-55	TS	1.5																				
	GP	3		4	36	60	1	0	0	GW	3	30	67	3	32	65				53/67		
93-56	GP	FACE		4	39	57	0	0	0	GW	4	36	60	4	36	60						

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PROJECT	KELLY PIT 1993	TEST METHOD	EXCAVATOR-CAT 225				
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TEST PIT NUMBER	SOIL CLASSIFICATION	LAYER THICKNESS (m)	FIELD V.I.							PIT RUN				LAB CRUSH			LAB TEST RESULTS					
			WATERTABLE (m)	FINES	SAND	GRAVEL	75-150 mm (%)	150-300 mm (%)	>300 mm (%)	SOIL CLASSIFICATION	FINES	SAND	GRAVEL	FINES	SAND	GRAVEL	SAND EQUIVALENT	DEGRADE	MgSO4 %coarse/ %fine	FRACTURE A/B	B.R.D coarse/fines	ABSORPTION %coarse/%fines
93-57	TS	0.5																				
	SP	3.5		3	77	20	0	0	0	SP	1	76	23									
93-58	TS	0.3																				
	SP	4.4		3	62	35	1	0	0	SP	2	51	47									
93-59	TS	0.2																				
	SP	4.3		3	57	40	0	0	0	SP	2	52	46	2	56	42						
93-60	TS	0.1																				
	SP	3.2		4	86	10	0	0	0	SP	5	56	39									
	GP	1		4	44	52	1	0	0													
93-61	TS	0.2																				
	GP	4.6		3	40	57	1	0	0	GW	2	31	67	2	36	62	74	73				
93-62	TS	0.5																				
	SP	4.1		3	62	35	0	0	0	GP	3	43	54									
93-63	TS	0.4																				
	SP	4.4		3	60	37	0	0	0	SP	1	69	30									

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PROJECT	KELLY PIT 1993	TEST METHOD	EXCAVATOR-CAT 225			
DISTRICT	FORT GEORGE	DATE	JANUARY 25,1993	PAGE	10	OF 12

TEST PIT NUMBER	SOIL CLASSIFICATION	LAYER THICKNESS (m)	FIELD V.I.							PIT RUN				LAB CRUSH			LAB TEST RESULTS					
			WATERTABLE (m)	FINES	SAND	GRAVEL	75-150 mm (%)	150-300 mm (%)	>300 mm (%)	SOIL CLASSIFICATION	FINES	SAND	GRAVEL	FINES	SAND	GRAVEL	SAND EQUIVALENT	DEGRADE	MgSO4 %coarse/ %fine	FRACTURE A/B	B.R.D coarse/fines	ABSORPTION %coarse/%fines
93-64	TS	0.3																				
	SP	4.2		3	49	48	1	0	0	GW	2	43	55	2	46	52				40/52		
93-65	UNX																					
93-66	TS	0.3																				
	GP-GM	5.2		6	40	54	2	0	0	GW	4	32	64	4	40	56						
93-67	TS	0.3																				
	SP	4.4		4	56	40	0	0	0	GP	2	45	53									
93-68	TS	0.3																				
	GP-GM	4.8		7	33	60	2	1	0	GP	3	27	70	X	X	X				54/74		
93-69	TS	0.3																				
	SP	5		3	68	29	0	0	0	SP	2	58	40									
93-70	TS	0.5																				
	GP-GM	4.2		5	40	55	3	1	0	GW	4	36	60	4	36	60						

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PROJECT	KELLY PIT 1993	TEST METHOD	EXCAVATOR-CAT 225			
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TEST PIT NUMBER	SOIL CLASSIFICATION	LAYER THICKNESS (m)	FIELD V.I.							PIT RUN				LAB CRUSH			LAB TEST RESULTS					
			WATERTABLE (m)	FINES	SAND	GRAVEL	75-150 mm (%)	150-300 mm (%)	>300 mm (%)	SOIL CLASSIFICATION	FINES	SAND	GRAVEL	FINES	SAND	GRAVEL	SAND EQUIVALENT	DEGRADE	MgSO4 %coarse/ %fine	FRACTURE A/B	B.R.D coarse/fines	ABSORPTION %coarse/%fines
93-71	TS	0.2																				
	GP	1		4	30	66	2	0	0													
	GP	4		4	44	52	0	0	0	GP	1	40	59	X	X	X						
93-72	TS	0.1																				
	GP	3.9		4	37	59	2	0	0													
93-73	TS	0.3																				
	GP-GM	5.4		7	25	68	3	2	0	GW	4	33	63	4	34	62						
93-74	TS	0.4																				
	GP-GM	5.1		5	40	55	0	0	0	SW	3	50	47	X	X	X						
93-75	TS	0.3																				
	SP	5.4		3	86	11	0	0	0													
93-76	TS	0.3																				
	SP	4.8		3	57	40	0	2	0	SP	3	55	42	3	59	38						
93-77	TS	0.3																				
	GP	3.7		4	38	58	3	0	0	GP	2	24	74	3	35	62						

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PROJECT	KELLY PIT 1993	TEST METHOD	EXCAVATOR-CAT 225			
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TEST PIT NUMBER	SOIL CLASSIFICATION	LAYER THICKNESS (m)	FIELD V.I.							PIT RUN				LAB CRUSH			LAB TEST RESULTS					
			WATERTABLE (m)	FINES	SAND	GRAVEL	75-150 mm (%)	150-300 mm (%)	>300 mm (%)	SOIL CLASSIFICATION	FINES	SAND	GRAVEL	FINES	SAND	GRAVEL	SAND EQUIVALENT	DEGRADE	MgSO4 %coarse/ %fine	FRACTURE A/B	B.R.D coarse/fines	ABSORPTION %coarse/%fines
93-78	TS	0.5																				
	SP	5		3	90	7	0	0	0													
93-79	TS	0.4																				
	GP	4.9		4	39	57	0	0	0	SP	1	61	38									
93-80	TS	0.3																				
	SP	5.2		3	88	9	0	0	0	SW	2	58	40									
93-81	TS	0.5																				
	SP	4.6		3	97	0	0	0	0													