TEST PIT SUMMARY

PROJECT	Tumbler Ridge Area B Pit	**TEST METHOD**	TRACKED EXCAVATOR
DISTRICT	Peace	**DATE**	23/24 August 2016

TEST PIT NUMBER	SAMPLE NUMBER	DEPTH (m)		LAYER THICKNESS (m)	FIELD VISUAL IDENTIFICATION									LABORATORY TEST RESULTS													
									OVERSIZE					PIT RUN				CRUSH			DURABILITY						
		From	To		SOIL CLASSIFICATION	FINES	SAND	GRAVEL	75-150mm (%)	150-300mm (%)	>300mm (%)	MAX SIZE (mm)	WATERTABLE (m)	SOIL CLASSIFICATION	FINES	SAND	GRAVEL	FINES	SAND	GRAVEL	SAND EQUIVALENT	MICRO DEVAL	DEGRADE	MgSO4 %coarse/ %fine	FRACTURE A/B	B.R.D coarse/fines	ABSORPTION %coarse/%fines
16-01		0.0	1.1	1.1	SP	4	88	8																			
floor		1.1	1.9	0.8	GP	3	29	68																			
		1.9	2.2	0.3	ML	50	50																				
	750	2.2	5.8	3.6	SP	4	60	36																			
16-02	751	0.0	3.7	3.7	GW	4	31	65	2			150															
floor		3.7	5.7	2.0	SP	2	95	3																			
16-03		0.0	2.5	2.5	TS	30	70																				
OB pile		2.5	2.5	0.0	SB	5	28	67	49																		
16-04		0.0	0.1	0.1	TS																						
		0.1	1.2	1.1	SP	4	96																				
	752	1.2	4.3	3.1	GP	2	18	80	16	6	2	300		GP	5	23	72				40	14					
		4.3	5.5	1.2	ML	46	45	9																			
16-05		0.0	0.1	0.1	TS																						
	753	0.1	5.5	5.4	GP	3	23	74	8	2				GP	4	32	65									2.597/2.558	1.36/1.72
16-06		0.0	0.1	0.1	TS																						
		0.1	3.6	3.5	SP	4	96																				
	754	3.6	5.6	2.0	GP	2	48	50	3			125															
16-07		0.0	0.1	0.1	TS																						
		0.1	0.8	0.7	SP	4	96																				
	755	0.8	5.8	5.0	GW	2	21	77	14	4		200		GP	3	33	65									2.605/2.585	0.97/1.46
16-08		0.0	0.1	0.1	TS																						
p of face		0.1	0.4	0.3	SP	4	96																				
	756	0.4	5.9	5.5	GP	4	33	63	8	1		300		GW	3	31	67				62	12.5					

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									OVERSIZE					PIT RUN				CRUSH			DURABILITY						
		From	To		SOIL CLASSIFICATION	FINES	SAND	GRAVEL	75-150mm (%)	150-300mm (%)	>300mm (%)	MAX SIZE (mm)	WATERTABLE (m)	SOIL CLASSIFICATION	FINES	SAND	GRAVEL	FINES	SAND	GRAVEL	SAND EQUIVALENT	MICRO DEVAL	DEGRADE	MgSO4 %coarse/ %fine	FRACTURE A/B	B.R.D coarse/fines	ABSORPTION %coarse/%fines
16-09		0.0	0.1	0.1	TS																						
		0.1	0.7	0.6	SP-SM	6	92	2																			
	757	0.7	5.8	5.1	GP	3	18	79	6	1		180		GW	5	32	64				49	11.9					
16-10		0.0	0.1	0.1	TS																						
		0.1	1.0	0.9	SP-SM	6	94																				
	758	1.0	5.8	4.8	GP	4	26	70	5			100		GP	3	35	62										
		5.8	6.0	0.2	SP	3	85	12																			
16-11		0.0	0.1	0.1	TS																						
		0.1	0.5	0.4	SP	4	96																				
	759	0.5	4.1	3.6	GP	3	22	75	10			150															
		4.1	5.6	1.5	SP	3	90	7																			
16-12		0.0	4.6	4.6	SP	4	88	8																			
		4.6	4.7	0.1	SM3	35	65																				
16-13		0.0	1.8	1.8	GP	4	47	49																			
		1.8	5.8	4.0	SP-SM	8	92																				
16-14		0.0	0.1	0.1	TS																						
		0.1	1.5	1.4	SP	3	97																				
	630	1.5	5.7	4.2	GW-GM	5	23	72	3			120															
16-15		0.0	0.1	0.1	TS																						
		0.1	5.5	5.4	SP-SM	8	92																				
		5.5	5.6	0.1																							
16-16		0.0	0.1	0.1	TS																						
		0.1	1.6	1.5	SM1	18	82																				
	631	1.6	4.5	2.9	GP	4	29	67	3			130															
	631	4.5	4.9	0.4	SP	3	69	28																			
	631	4.9	5.7	0.8	GP	4	35	61	2			100															
16-17		0.0	0.1	0.1	TS																						
		0.1	2.0	1.9	SP-SM	8	92																				
	632	2.0	5.6	3.6	GP-GM	5	21	74	3			100		GP	4.7	42	53										

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									OVERSIZE					PIT RUN				CRUSH			DURABILITY						
		From	To		SOIL CLASSIFICATION	FINES	SAND	GRAVEL	75-150mm (%)	150-300mm (%)	>300mm (%)	MAX SIZE (mm)	WATERTABLE (m)	SOIL CLASSIFICATION	FINES	SAND	GRAVEL	FINES	SAND	GRAVEL	SAND EQUIVALENT	MICRO DEVAL	DEGRADE	MgSO4 %coarse/ %fine	FRACTURE A/B	B.R.D coarse/fines	ABSORPTION %coarse/%fines
16-18		0.0	0.1	0.1	TS																						
		0.1	0.8	0.7	SP-SM	8	92																				
	633	0.8	2.4	1.6	GW	3	36	61	1																		
		2.4	6.0	3.6	SP-SM	10	88	2																			
16-19		0.0	0.1	0.1	TS																						
		0.1	0.4	0.3	SP-SM	12	88																				
		0.4	2.4	2.0	SP	3	97																				
	634	2.4	5.4	3.0	SP-SM	7	61	32																			
16-20		0.0	0.1	0.1	TS																						
		0.1	1.5	1.4	SP-SM	7	92	1																			
	635	1.5	3.6	2.1	GP-GM	5	31	64	2					GW	4.7	32	64										
	636	3.6	4.6	1.0	SP-SM	5	58	37						SP-SM	6.6	75	18										
		4.6	5.4	0.8	SP-SM	5	80	15																			
16-21		0.0	0.1	0.1	TS																						
		0.1	1.3	1.2	SP-SM	9	91																				
	637	1.3	5.6	4.3	GP-GM	5	38	57	2			100		GP	2.7	47	50				64	13.4					
16-22		0.0	0.1	0.1	TS																						
		0.1	1.7	1.6	SP-SM	6	94																				
		1.7	2.1	0.4	GP-GM	10	33	57																			
	638	2.1	6.0	3.9	GP-GM	5	26	69	5			190		GW	2.6	32	65									2.588/2.581	1.35/1.51
16-23		0.0	0.1	0.1	TS																						
		0.1	2.7	2.6	SP-SM	7	93																				
	639	2.7	5.8	3.1	GP	4	39	57																			
16-24		0.0	0.1	0.1	TS																						
		0.1	2.1	2.0	SP-SM	8	92																				
	770	2.1	4.2	2.1	GP	3	28	69	3			120															
		4.2	5.9	1.7	SP	4	94	2																			
16-25		0.0	0.1	0.1	TS																						
	771	0.1	2.8	2.7	GP-GM	5	30	65				200		GP-GM	10	30	55									2.601/2.606	1.19/1.06
		2.8	5.4	2.6	SP-SM	5	95																				