TEST PIT SUMMARY

PROJECT	Bitter Creek North Pit	**TEST METHOD**	TRACKED EXCAVATOR
DISTRICT	Bulkley-Stikine	**DATE**	20/21 September 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	0.1	0.1	TS																						
		0.1	0.6	0.5	GP	4	39	57																			
		0.6	1.8	1.2	SP-SM	10	49	41	2	1		310															
	653	1.8	5.6	3.8	GP-GM	6	23	71	5	2		250															
16-02		0.0	0.1	0.1	TS																						
		0.1	1.6	1.5	SC2	28	61	11																			
	652	1.6	5.8	4.2	GP-GM	8	33	59	6	1		220															
16-03		0.0	0.1	0.1	TS																						
		0.1	0.4	0.3	SP	4	96																				
		0.4	1.2	0.8	ML	60	40																				
	651	1.2	5.9	4.7	GP-GM	5	26	69	6	2		260															
16-04		0.0	0.1	0.1	TS																						
		0.1	1.3	1.2	SP-SC	18	68	14																			
		1.3	1.8	0.5	GP-GC	12	37	51	6			350															
	650	1.8	6.0	4.2	GP-GM	6	33	61																			
16-05		0.0	0.1	0.1	TS																						
	654	0.1	5.6	5.5	GP	4	29	67	5	1		250															
16-06		0.0	0.1	0.1	TS																						
	655	0.1	2.3	2.2	GP	4	35	61																			
		2.3	3.6	1.3	SC2	28	68	4																			
	656	3.6	5.9	2.3	GP-GC	10	28	62																			

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16-07		0.0	0.1	0.1	TS																						
		0.1	1.2	1.1	GP-GM	5	40	55																			
	640	1.2	5.0	3.8	GP-GM	5	28	67	7			150		GW	2	29	70				72	9.2					
16-08		0.0	0.1	0.1	TS																						
	649	0.1	5.1	5.0	GP	3	22	75	8	2		450		GW	2	23	75										
16-09		0.0	0.1	0.1	TS																						
	648	0.1	6.0	5.9	GP	4	33	63	5			200		GP	3	40	57									2.643/2.598	1.18/1.64
16-10		0.0	0.1	0.1	TS																						
	641	0.1	3.6	3.5	GP	3	31	66	4			100															
		3.6	3.9	0.3	CL	80	10	10																			
	642	3.9	5.6	1.7	GP	3	36	61	4			100															
16-11		0.0	0.1	0.1	TS																						
	643	0.1	5.4	5.3	GP	4	27	69	5	1		400		GW	2	30	68									2.666/2.597	0.86/1.81
16-12		0.0	0.1	0.1	TS																						
		0.1	1.2	1.1	GP	4	31	65	1			100															
		1.2	2.3	1.1	CL	60	29	11																			
	645	2.3	5.9	3.6	GP-GM	6	33	61	3	2	1	300		GP	4	39	58				39	9.5					
16-13		0.0	0.2	0.2	TS																						
	646	0.2	3.2	3.0	GP	4	26	70	8	2		250		GP	2	23	76									2.666/2.574	0.98/1.99
		3.2	EOH		CL	60	20	20																			

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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
16-14		0.0	0.1	0.1	TS																						
	644	0.1	3.5	3.4	GP-GM	5	38	57	6			240		GP	3.9	35	61				36	9.1					
		3.5	3.8	0.3	CL	60	20	20																			
	644	3.8	5.9	2.1	GP-GM	5	43	52	3			100		GP	3.9	35	61				36	9.1					
16-15		0.0	0.2	0.2	TS																						
		0.2	0.8	0.6	Sp-SM	8	71	21				75															
		0.8	1.8	1.0	GP-GM	5	41	54	4			300															
	647	1.8	5.9	4.1	Gp-GM	5	34	61	5			190		GP	4.4	36	59									2.633/2.583	1.16/1.74
16-16		0.0	0.1	0.1	TS																						
		0.1	0.4	0.3	SP-SM	6	61	33																			
	620	0.4	5.2	4.8	GP	4	32	64	4	1		200		GP-GM	5.7	39	55										
16-17		0.0	0.1	0.1	TS																						
	621	0.1	4.8	4.7	GP-GM	6	23	71	8	1		170		GW	2	23	75				47	10.1					
			EOH																								
16-18		0.0	0.1	0.1	TS																						
		0.1	0.6	0.5	SP-SM	7	61	32																			
	622	0.6	5.8	5.2	Gp-GM	5	38	57	8			140		GP	4.1	41	55										
16-19		0.0	0.1	0.1	TS																						
		0.1	0.6	0.5	SP-SM	6	63	31	4	1																	
	623	0.6	5.9	5.3	GP-GM	9	31	60	4	1		400		GW	3.3	34	63										
16-20		0.0	0.1	0.1	TS																						
		0.1	0.6	0.5	SP-SM	8	60	32																			
	624	0.6	6.0	5.4	GP-GM	7	26	67	5			185		GW	3.5	26	70				30	10.5					