TEST PIT SUMMARY

PROJECT	Sundance Pit	**TEST METHOD**	Tracked Excavator
DISTRICT	Peace	**DATE**	July 14, 2011

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	FRACTURE A/B	B.R.D coarse/fines	ABSORPTION %coarse/%fines
11-01		0.0	1.0	1.0	SP	2	85	13				150															
		1.0	2.3	1.3	SP	2	95	3																			
		2.3	2.9	0.6	SM2	20	80																				
		2.9	4.0	1.1	SP	2	95	3																			
	31476	4.0	5.4	1.4	SM2	20	80																				
11-02		0.0	0.2	0.2	TS																						
		0.2	0.5	0.3	SM1	15	85																				
	49259	0.5	4.0	3.5	GP	3	42	55	1			100		GP	4	41.6	54.4										
		4.0	5.5	1.5	SP	3	97	0																			
11-03		0.0	0.2	0.2	TS																						
		0.2	0.5	0.3	SM1																						
	49257	0.5	4.0	3.5	GP	2	43	55	2			100		GP	1.8	37.4	60.8									2.57/2.55	1.42/1.87
		4.0	6.1	2.1	SP	2	97	1																			
		6.1	7.3	1.2	SM2	20	80																				
11-04		0.0	0.2	0.2	TS																						
		0.2	0.5	0.3	GM1	15	35	50		1		150															
	32469	0.5	5.0	4.6	GP	4	41	55						GP	0.1	1.3	98.6				70	10.4					
11-05		0.0	0.2	0.2	TS																						
		0.2	0.6	0.5	SM1	15	55	30				50															
	32468	0.6	3.5	2.9	GP	2	43	55																			
11-06		0.0	0.2	0.2	TS																						
		0.2	0.5	0.4	GM1	15	35	50	2			120															
	32490	0.5	3.3	2.8	GP	2	43	55	2			150															
		3.3	3.8	0.5	SP	2	95	3																			
		3.8	4.4	0.6	SM2	20	80																				
11-07		0.0	0.2	0.2	TS																						
		0.2	0.5	0.3	SM1	15	55	30																			
	32491	0.5	4.2	3.8	GP	2	43	55	2			100		GW	1.8	30.8	67.4									2.62/2.57	0.86/1.70
		4.2	5.1	0.9	SP	3	85	12																			

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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	FRACTURE A/B	B.R.D coarse/fines	ABSORPTION %coarse/%fines
11-08		0.0	0.2	0.2	TS																					
		0.2	0.5	0.3	SM1	15	55	30																		
	28984	0.5	1.7	1.3	GP	2	43	55	2			125														
		1.7	2.2	0.5	SP	3	87	10																		
		2.2	3.4	1.2	GP	2	43	55																		
		3.4	4.1	0.7	SP	5	95																			
		4.1	4.9	0.8	SM1	15	85																			
11-09		0.0	0.2	0.2	TS																					
		0.2	0.7	0.5	GM1	15	35	50	1			120														
	32486	0.7	4.2	3.6	GP	2	48	50	1			100		SP	1.8	56.4	41.8									
11-10		0.0	0.2	0.2	TS																					
		0.2	0.7	0.6	GM1	15	35	50	1			100														
	32463	0.7	4.5	3.8	GP	2	43	55	2			125		GP	2	34.5	63.5									
11-11		0.0	0.2	0.2	TS																					
		0.2	0.5	0.3	SM1	15	50	35				75														
		0.5	1.8	1.4	SP	2	95	3																		
		1.8	4.5	2.7	SP	2	63	35	1			75														
11-12		0.0	0.2	0.2	TS																					
		0.2	0.5	0.3	SM1	15	50	35																		
		0.5	0.9	0.4	SP	5	95																			
	51807	0.9	5.1	4.3	GP	2	43	55	1			150														
		5.1	5.4	0.3	SM1	15	85																			
11-13		0.0	0.2	0.2	TS																					
		0.2	0.4	0.3	SM	15	50	35	1			125														
	32476	0.4	3.5	3.1	GP	2	43	55	2			150		GP	1.8	34	64.2				75	10.8				
		3.5	5.1	1.6	SP	4	96																			
11-14		0.0	0.2	0.2	TS																					
		0.2	0.4	0.3	SM1	15	50	35																		
		0.4	3.5	3.1	GP	2	48	50	1			100														
		3.5	5.1	1.6	SP	4	96																			
11-15		0.0	0.2	0.2	TS																					
		0.2	0.6	0.4	GM1	15	35	50																		
	32465	0.6	3.5	3.0	GP	4	41	55	1			100		GP	3.6	44.4	52				68	9.9				
		3.5	4.6	1.1	SP	5	90	5																		

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									OVERSIZE					PIT RUN				CRUSH			DURABILITY					
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11-16		0.0	0.6	0.6	SM1	15	50	35																		
		0.6	1.1	0.5	SP	5	70	25				35														
		1.1	3.5	2.4	SP	8	92																			
		3.5	5.1	1.6	SM3	30	65	5																		
11-17		0.0	0.2	0.2	TS																					
		0.2	0.7	0.6	SM	15	50	35																		
		0.7	2.2	1.5	GP	2	48	50				55														
		2.2	3.7	1.5	SP	5	85	10																		
11-18		0.0	0.2	0.2	TS																					
		0.2	0.5	0.4	SM1	15	50	35																		
		0.5	0.9	0.4	SP	5	80	15																		
	32476	0.9	3.4	2.5	GP	3	47	50				75		GP	1.4	38.8	59.8									
		3.4	4.2	0.8	SP	3	95	2																		
11-19		0.0	0.2	0.2	TS																					
		0.2	0.4	0.3	SM1	15	50	35																		
		0.4	1.2	0.8	SP	5	85	10																		
		1.2	1.6	0.4	GP	5	45	50	1			75														
		1.6	2.4	0.8	SP	5	85	10																		
	1310	2.4	3.7	1.3	GP	3	42	55	1			75														
11-20		0.0	0.2	0.2	TS																					
		0.2	0.5	0.4	SM1	15	50	35																		
	28819	0.5	2.7	2.2	GP	2	48	50	1			75														
		2.7	3.5	0.8	SM2	25	70	5																		
11-21		0.0	0.2	0.2	TS																					
		0.2	0.5	0.3	SM1	15	50	35																		
	47828	0.5	4.2	3.8	GP	3	42	55	1			125		GP	3.1	24.5	72.4				42	8.1				
		4.2	5.1	0.9	SP	4	96																			
11-22		0.0	0.2	0.2	TS																					
		0.2	0.5	0.3	SM1	15	50	35																		
	42381	0.5	4.1	3.7	GP	3	42	55	1			125														
		4.1	5.6	1.5	SP	4	96																			
11-23		0.0	0.2	0.2	TS																					
		0.2	0.4	0.3	SM1	15	50	35																		
		0.4	1.5	1.1	SP	4	95	1																		
	21644	1.5	2.7	1.2	GP	5	45	50	1			100														
		2.7	5.0	2.3	SP	5	70	25																		

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11-24		0.0	0.1	0.1	TS																					
		0.1	0.4	0.3	SM1	15	50	35																			
	34550	0.4	3.5	3.1	GP	3	42	55				150		GP	1.7	39.4	58.9				78	10.8					
		3.5	4.5	1.0	SP	5	65	30				75															
		4.5	5.0	0.5	SM1	13	87																				
11-25		0.0	1.1	1.1	SP	4	96																				
		1.1	4.5	3.5	SM3	35	65																				
11-26	31399	0.0	0.8	0.8	GP	2	43	55	1			100															
		0.8	2.2	1.4	SP	5	95																				
		2.2	5.0	2.8	SM1	15	85																				
11-27		0.0	0.2	0.2	SM1	15	85																				
		0.2	3.5	3.3	SP	5	65	30	1			75															
		3.5	4.7	1.2	SP-SM	12	88																				
11-28		0.0	0.2	0.2	asphalt																						
		0.2	4.5	4.3	SM3	30	70																				