



**LEGEND**



BM #1  
 "+ " CUT ON WEST RIM OF SSMH, 250' E. OF K-96 ON N. SIDE OF REDBUD TRAIL  
 Sta. 100+02, 21' Lt  
 ELEV. 1356.30

BM #2  
 RR SPIKE IN SOUTH FACE OF HLP @ 1ST SET OF POLES (APPROX. 350') E. OF FOUNDERS CIR, 75' N. OF CL REDBUD TRAIL.  
 Sta. 111+80, 90' Lt.  
 ELEV. 1357.68

BORING LOG No. B-5									
BORING NO.	LOCATION OF BORING	ELEVATION	DATUM	DRILLER	LOGGER				
B-5	See Boring Location Plan	1353.10 ft.		J Lear	D. Perry				
WATER LEVEL OBSERVATIONS			TYPE OF SURFACE		DRILL RIG				
24 HOURS			Gravel Path		CME 75				
WHILE DRILLING	END OF DRILLING	AFTER DRILLING	AFTER DRILLING	DRILLING METHOD	TOTAL DEPTH				
N.E.	N.E.	Boring Plugged After Drilling		3.25-inch Inside Diameter Hollow Stem Auger	50.0 ft.				
DEP. FT.	SAMPLE DATA		SOIL DESCRIPTION			LABORATORY DATA			ELEV. FT.
	NO. & TYPE	% REC.	COLOR, CONSISTENCY, MOISTURE	USCS CLASS.	MC %	Dry Dens. pcf	q <sub>u</sub> ksf		
	GEOLOGIC DESCRIPTION & OTHER REMARKS								
	S-1	7	FILL (POORLY GRADED SAND W/ CLAY) - dark brown, dry, loose to medium dense, fine grained sand and gravel, rust stains % Pass #200: 9.6	SP-SC	4.4				
	S-2	11			14.9				
5	S-3	11	SHALE - pale olive to olive yellow, decomposed, very soft rock, rust stains, iron deposits, calcium deposits		10.7				1340.1
10	S-4	12			19.9				1343.1
15	S-5	13			30.8				1338.1
20	S-6	11							1333.1
25	S-7	16	SHALE - greenish gray, decomposed to highly weathered, soft rock, rust stains, iron deposits		23.5				1328.1
30	S-8	20							1323.1
35	S-9	50/6"	SHALE - light gray, moderately weathered, soft to moderately hard rock, rust stains, calcium deposits		33.5				1318.1
40	S-10	82/11"	- moderately to slightly weathered, iron deposits						1313.1

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WATER LEVEL OBSERVATIONS			TYPE OF SURFACE		DRILL RIG				
24 HOURS			Gravel Path		CME 75				
WHILE DRILLING	END OF DRILLING	AFTER DRILLING	AFTER DRILLING	DRILLING METHOD	TOTAL DEPTH				
N.E.	N.E.	Boring Plugged After Drilling		3.25-inch Inside Diameter Hollow Stem Auger	50.0 ft.				
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	NO. & TYPE	% REC.	COLOR, CONSISTENCY, MOISTURE	USCS CLASS.	MC %	Dry Dens. pcf	q <sub>u</sub> ksf		
	GEOLOGIC DESCRIPTION & OTHER REMARKS								
45	S-11	35	SHALE - dark olive gray, highly to moderately weathered, soft rock, rust stains		43.5				1308.1
50	S-12	40	SHALE - light to dark gray, moderately weathered, soft rock, rust stains, calcium deposits		48.5				1303.1
	Bottom of Boring @ 50'								
55									1298.1
60									1293.1
65									1288.1
70									1283.1
75									1278.1
80									1273.1

REDBUD BIKE PATH EAST K-96 TO 159TH STREET EAST	ENGINEERING GEOLOGY	City of Wichita, Kansas CARY JANZEN, P.E. - CITY ENGINEER C.O.W. Project #472-85360, O.C.A. #107125
POE & ASSOCIATES, INC. CONSULTING ENGINEERS 544 West Douglas Avenue Wichita, KS 67203 Phone 316/685-4114 • FAX 316/685-4444	ENGINEER: T. EVANS DESIGNER: J. UNRUH Dwg: P:\02127 Redbud Wichita\DWG\02127-BAS-01 grade.dwg Poe Job No: 102127 Date: APRIL 2018	APPROVED: [Signature]
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