



SCS AQUATERRA				LOG OF BORING NO.: <b>MW-10W</b>				SHEET NUMBER 1 of 1			
7311 West 130th Street, Suite 100, Overland Park, KS, 66213				KDHE ID TAG: 0051184				DRILLING CONTRACTOR: PSA Environmental			
CLIENT: Terry Jones				DRILLER: Aaron Butler				WELL CONSTRUCTION DETAILS			
PROJECT NAME: Westboro Service				DRILLING RIG: Geoprobe 6620 DT				MATERIAL: PVC			
PROJECT NUMBER: U4-089-00533				DRILLING METHOD: Hollow Stem Augers				DIAMETER: 4 IN			
PROJECT LOCATION: Oakley and Southwest Huntoon Street, Topeka, Kansas				SAMPLING METHOD: 5' Continuous Dual Tube				WELL TOTAL DEPTH: 20 FT BGS			
BORING LOCATION: Northeast edge of bank building				BORING DIAMETER: 10.5"				SCREEN LENGTH: 15 FT			
PROJECT NUMBER: 27214351.00				WELL DIAMETER: 4"				RISER LENGTH: 5 FT			
GEOLOGIST: Adam Parris				WELL COMPLETION: Flush Mount				TOP OF SCREEN: 5 FT BGS			
START DATE: 1/28/2015 FINISH DATE: 1/28/2015				SURFACE ELEVATION: 945.21				BOTTOM OF SCREEN: 20 FT BGS			
START TIME: 7:45 FINISH TIME: 11:30				TOC ELEVATION: 944.77				SCREEN SLOT: 0.01 IN			
				WATER LEVEL: 15.84				TOP OF FILTER PACK: 3 FT BGS			
				WATER ELEVATION: 928.93				TOP OF SEAL: 1 FT BGS			
				DATE: 2/11/2015				TYPE OF SEAL: 3/8" Bentonite Chips			
				SOIL DESCRIPTION AND DRILLING CONDITIONS				TYPE OF FILTER PACK: 10/20 Silica Sand			
SAMPLER TYPE	SAMPLE DEPTH	PID (PPM)	RECOVER Y	DEPTH (FEET)	USCS CLASS	C I	NOTES AND WELL CONSTRUCTION				
CS	0-5'	15	49"	1				GRASS, TOPSOIL, dark brown, slightly moist, medium stiff			
				2				CLAY, very silty, light yellowish brown, moist, very stiff			
				3							
				4							
				5							
CS	5-10'	NR	4"	6				LIMESTONE, very weathered, very moist			
				7							
				8							
				9							
				10							
CS	10-15'	1792	60"	11				SAND, medium grain, saturated			
				12				SHALE, highly weathered, olive gray, very moist, stiff			
				13							
				14							
				15							
CS	15-20'	392	60"	16				SILTSTONE, weathered, orange brown to olive, moist, very stiff			
				17							
				18							
				19							
				20							
							Boring Terminated at 20'				
							Petro odor and staining				
							V				

**LEGEND:**

SS - Split Spoon  
 CS - 5 foot CME Sampler  
 ST - Shelby Tube  
 PID - Photoionization Detector  
 PP - Pocket Penetrometer  
 HSA - Hollow Stem Augers  
 DT - Dual Tube Sampler  
 HA - Hand Auger  
 WB - Wash Bore  
 RB - Rock Bit  
 NX - Rock Core

THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY LINES BETWEEN SOIL AND ROCK TYPES: ACTUAL TRANSITIONS MAY BE GRADUAL.