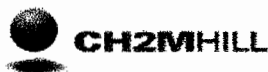


AS-107

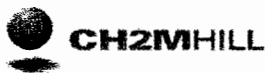
KSA 82a-1212



PROJECT NUMBER 350383	BORING NUMBER AS-107	SHEET 1 OF 2
SOIL BORING LOG		

PROJECT : Dow Unison System Optimization LOCATION : Kansas City, Kansas
 ELEVATION : 744.93 feet amsl DRILLING CONTRACTOR PSA Environmental
 DRILLING METHOD AND EQUIPMENT USED : Geoprobe 6600 Rig
 WATER LEVELS : Not observed START : 12/08/2006 10:00 END : 12/08/06 11:30 LOGGER : Jeff Haberl

DEPTH BELOW SURFACE (FT)	STANDARD			SOIL DESCRIPTION	COMMENTS	
	INTERVAL (FT)	PENETRATION				
		RECOVERY (IN)	TEST RESULTS			
						#/TYPE
				6"-6"-6"-6" (N)	SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
					0-40' Not Logged	OVM (ppm): Breathing Zone Headspace
	0-5'	NS	GP	-		- -
5						
	5-10'	NS	GP	-		- -
10						
	10-15'	NS	GP	-		- -
15						
	15-20'	NS	GP	-		- -
20						
	20-25'	NS	GP	-		- -
25						
	25-30'	NS	GP	-		- -
30						



PROJECT NUMBER 350383	BORING NUMBER AS-107
SHEET 2 OF 2	
SOIL BORING LOG	

PROJECT : Dow Unison System Optimization LOCATION : Kansas City, Kansas
 ELEVATION : 744.93 feet amsl DRILLING CONTRACTOR PSA Environmental
 DRILLING METHOD AND EQUIPMENT USED : Geoprobe 8800 Rig
 WATER LEVELS : Not observed START : 12/08/2006 10:00 END : 12/08/06 11:30 LOGGER : Jeff Haberl

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (IN)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6'-6"-6" (N)	SOIL DESCRIPTION	COMMENTS
					SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION. OVM (ppm): Breathing Zone Headspace
35	30-35'	NS	GP	--		- --
40	35-40'	NS	GP	--		- --
45	40-45'	42"	GP	--	40' SAND (SP), fine to medium-grained, wet, slight injection material (SoyGold) odor	0 0
					43.5' Organic seam	
					45.6' CLAY with SAND (CL), olive-gray, wet, very soft	
50	45-50'	30"	GP	--	46.2' SAND (SP), medium to coarse-grained, olive-gray, wet	0 0

Boring terminated at 50 feet bgs

GP = Geoprobe
 NS = Not Sampled
 amsl = above mean sea level
 bgs = below ground surface