



ENVIRONMENTAL BORING LOG

CLIENT: ONEOK		JOB NO.: 60443209	LOCATION: Watford City, ND		
PROJECT: Garden Creek		DRILLING METHOD: Hand Auger/ direct push			BORING NO. LIF-5
LOGGED BY: SD Churchill	CHECKED BY: J. Cooper	SAMPLING METHOD: Hand auger/ LIF			SHEET 1 OF 1
DRILLING CONTR.: Matrix					
DRILLER: Seth & Cody	EQUIP.: Geoprobe	WATER LEVEL 18'			DRILLING
BORING DEPTH: 30 ft bgs					START TIME
GROUND SURFACE ELEVATION:		TIME			
DATUM:		DATE			
COMMENTS: Hand auger to 96"		CASING DEPTH			08/12/15 08/12/15

SAMPLE ID	RECOVERED (in.) DRIVEN (in.)	PID (ppm)	U.S.C.S.	DEPTH IN FEET	SOIL/ROCK GRAPH	SURFACE CONDITIONS:
						LITHOLOGIC DESCRIPTION
		25	CH	1		CLAY (0.0-5.0 ft), damp.
		15		2		
		12		3		
		14		4		
		7	OL	5		SILTY LOAM (5.0-7.5 ft), dry.
		45		6		
		31		7		
		25	OL/CL	8		SILTY LOAM (7.5-8.0 ft), to CLAY bottom.
				9		
				10		
				11		
				12		
				13		
				14		(14.0-24.0 ft) Product.
				15		
				16		
				17		
				18		(18.0 ft) Water estimated at 18.0 ft. Pure gasoline-like odor, vapors emitted from sample bottle, evaporated quickly
				19		
				20		
				21		
				22		
				23		
				24		
				25		
				26		
				27		
				28		
				29		
				30		
				31		(30.0 ft) End of boring.

ENV/RO (NO WELL) ONEOK GARDEN CREEK BORING LOGS.GPJ BORING LOGS.GPJ 1/21/16

Water Sample
08/13/15 (see
analytical
tables)