

### LOG OF WELL NO. MW-8

CLIENT <b>Omaha Public Power District</b>		LOCATION <b>Ft. Calhoun, Nebraska</b>								
SITE <b>Ft. Calhoun Nuclear Power Plant</b>		PROJECT <b>OPPD Hydrogeologic Assessment</b>								
GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES			TESTS		
					NUMBER	TYPE	RECOVERY, in.	SPT-N BLOWS / ft.	WATER CONTENT, %	FIELD VAPOR TEST (PPM)*
	BOREHOLE DIA.: 8.25 in WELL DIA.: 2 in CASING AND SCREEN: PVC (sch. 40); 0.01 slotted screen TOP OF CASING: 1009.58 ft GROUND SURFACE ELEV.: 1007.3 ft									
	Hydro-jetting was performed to remove soil from the upper ten feet of the well boring. No sampling was conducted between 0 and 10 feet.									
10	<b>LEAN CLAY</b> Gray and dark gray, mottled	997.5	10		1	SS	10	11		
12	<b>LEAN CLAY</b> Grayish brown	995.5	15		2	SS	18	16		
17	<b>BOTTOM OF BORING</b> Note: Soil classifications were based on visual observations made by the field crew.	990.5			3	SS	18	4		
17		990.5			4					

The stratification lines represent the approximate boundaries between soil and rock types; actual transitions may be gradual.

WATER LEVEL OBSERVATIONS, ft		
WL	▼ Dry	WD ▼ Dry 9/7/2007
WL	▼	▼
WL		



BORING STARTED		8-27-07 12:07	
BORING COMPLETED		8-27-07 12:45	
RIG	CME 75	DRILLER	W. Cameron
LOGGED	R. Layman	JOB #	05077135

WELL 05077135 LOGS GPJ TERRACON.GDT 11/28/07