

LOG OF WELL NO. MW-2A

CLIENT Omaha Public Power District		LOCATION Ft. Calhoun, Nebraska										
SITE Ft. Calhoun Nuclear Power Plant		PROJECT OPPD Hydrogeologic Assessment										
GRAPHIC LOG	DESCRIPTION	WELL DETAIL	SAMPLES		TESTS							
			BOREHOLE DIA.: 8.25 in	DEPTH, ft.	USCS SYMBOL	NUMBER	TYPE	RECOVERY, in.	SPT - N BLOWS / ft.	WATER CONTENT, %	FIELD VAPOR TEST (ppm)*	SAMPLE SENT TO LAB
	WELL DIA.: 2 in											
	CASING AND SCREEN: PVC (sch. 40); 0.01 slotted screen											
	TOP OF CASING: 1007.25 ft											
	GROUND SURFACE ELEV.: 1004.9 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	995										
	LEAN CLAY trace very fine sand Grayish brown											
	14.5	990.5										
	FINE SAND with silt Grayish brown											
	22	983										
	FINE SAND Brownish gray											
	24	981										
	BOTTOM OF BORING Note: Soil classifications taken from the log of MW-2B.											

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

WATER LEVEL OBSERVATIONS, ft		
WL	▽	▽ 17.1 9/10/2007
WL	▽	▽
WL		



BORING STARTED	8-23-07 14:45
BORING COMPLETED	8-23-07 15:10
RIG	CME 75
DRILLER	W. Cameron
LOGGED	R. Layman
JOB #	05077135

WELL 05077135-LOGS.GPJ TERRACON.GOT 11/29/07

LOG OF WELL NO. MW-2B

CLIENT Omaha Public Power District		LOCATION Ft. Calhoun, Nebraska									
SITE Ft. Calhoun Nuclear Power Plant		PROJECT OPPD Hydrogeologic Assessment									
GRAPHIC LOG	DESCRIPTION	WELL DETAIL	SAMPLES		TESTS						
			DEPTH, ft.	USCS SYMBOL	NUMBER	TYPE	RECOVERY, in.	SPT - N BLOWS / ft.	WATER CONTENT, %	FIELD VAPOR TEST (PPM)*	SAMPLE SENT TO LAB
	BOREHOLE DIA.: 8.25 in WELL DIA.: 2 in CASING AND SCREEN: PVC (sch. 40); 0.01 slotted screen TOP OF CASING: 1007.25 ft GROUND SURFACE ELEV.: 1004.9 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.				HS						
	10 LEAN CLAY , trace very fine sand Grayish brown	995			1	SS	20	4			
	14.5 FINE SAND with silt Grayish brown	990.5			2	SS	18	3			
					3	SS	18	7			
					4	SS	18	6			
					5	SS	18	13			
	22 FINE SAND Brownish gray	983			6	SS	20	7			
	24 FINE TO MEDIUM SAND Brownish gray	981			7	SS	18	17			
					8	SS	18	14			
					9	SS	16	12			
	28 FINE SAND , trace medium sand Brownish gray	977			10	SS	16	14			
					11	SS	18	11			

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

WATER LEVEL OBSERVATIONS, ft	
WL	17.2 9/10/2007
WL	
WL	



BORING STARTED	8-22-07 11:00
BORING COMPLETED	8-23-07 11:00
RIG	CME 75
DRILLER	W. Cameron
LOGGED	R. Layman
JOB #	05077135

WELL: 05077135 LOGS: GPF TERRACON.GDT 11/28/07

LOG OF WELL NO. MW-2B

CLIENT Omaha Public Power District		LOCATION Ft. Calhoun, Nebraska										
SITE Ft. Calhoun Nuclear Power Plant		PROJECT OPPD Hydrogeologic Assessment										
GRAPHIC LOG	DESCRIPTION	WELL DETAIL	SAMPLES				TESTS					
			DEPTH, ft.	USCS SYMBOL	NUMBER	TYPE	RECOVERY, in.	SPT - N BLOWS / ft.	WATER CONTENT, %	FIELD VAPOR TEST (PPM)	SAMPLE SENT TO LAB	
					12	SS	18	12				
					13	SS	16	7				
37	968				14	SS	18	3				
38	967				15	SS	18	3				
39	966				16	SS	24	9				
39.5	965.6				17	SS	24	28				
					18	SS	24	16				
46	959				19	SS	24	37				
48	957				20	SS	18	33				
50	955											

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

WATER LEVEL OBSERVATIONS, ft		
WL	▼	17.2 9/10/2007
WL	▼	
WL		



BORING STARTED	8-22-07 11:00
BORING COMPLETED	8-23-07 11:00
RIG	CME 75
DRILLER	W. Cameron
LOGGED	R. Layman
JOB #	05077135

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