

Drilling Log

Project Name Cessna						Boring No. D-1	
Project No. 85-141-4-001						Page 1 of 3	
Ground Elevation 1301.77			Location See Boring Location Plan			Total Footage 46.5'	
Drilling Type	Hole Size	Overburden Footage	Bedrock Footage	No. of Samples	No. Core Boxes	Depth To Water	Date Measured
HSA	6"	46.5	0	9	0	See Remarks	
Drilling Co. Layne Western Company Inc					Driller (s) Buck Blank		
Drilling Rig. ATV mounted CME 750					Type of Penetration Test Standard		
Date 11.26.86		To 11.26.86			Field Observer (s) M Eversman		

Depth	Description	Class.	Blow Count	Recov.	Sample or Box No.	Remarks
1	Brown silty clay. Moist. stiff Medium Plasticity					Begin drilling @ 6:45a
2						
3						
4						
5	Dark Brown silty clay Dry to Moist. V stiff. Low Plasticity Trace of gravel. Roots.		6 13 20	10/18	SS1	Resembles fill material.
6						
7						
8						
9						
10	Gray Brown mottled silty clay Medium Plasticity. Moist. sl. stiff Trace of v. fine sand		3 3 4	11/18	SS2	
11						
12						
13						
14						

Drilling Log, continued

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						Date <u>11.26.86</u>	
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks	
15	Red Brown, Gray mottled silty clay Moist to Wet Med Plasticity Sl. Stiff. Trace of fine sand		4	$\frac{14}{18}$		SS3	
16			2				
17			3				
18						Water level @ ~ 18' when first encountered Water level from rods	
19							
20	as above. Wet. Med to		3	$\frac{18}{18}$			
21	Hgh plasticity. Traces of fine sand.		4			SS4	
22			4				
23						Water coming out of hole	
24							
25	Gray sandy clay. Soft. Wet High plasticity		5	$\frac{18}{18}$			
26			17			SS5	
27	Gray, tan sand V fine grained Saturated Well Sorted Dense		31				
28							
29							
30	Gray sand as above		10	$\frac{18}{18}$		Sand came up augers 2'. Cleaned out with split spoon	
31			10				SS6

Drilling Log, continued

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						Date <u>11.26.86</u>
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks
32					556	
33						
34						
35	Tan sand. Fine to V. Fine		10			
36	Grained. Dense. Saturated		13	18/18	557	5 feet of sand came up augers. Cleaned out with roller bit and water
37	Well Sorted		17			
38						
39						
40			10			
41	Tan sand. Fine to Medium		17		558	Sand came up augers 1.4'. Cleaned out by washing
42	grained. Dense. Poorly Sorted		23			
43	Saturated.					
44						Set 10' 2" Ø PVC screen to 46 feet. 28' gravel Bentonite Pellet Seal to 14
45			10			Grant slurry to surface
46	as above		11		559	
47	Total Depth 46.5'		17			Completed @ 11:30a



Figure No. 1-1
MONITORING WELL
LOCATIONS