

Drilling Log

Project Name Cessna						Boring No. D-20	
Project No. 85-141-4-001						Page 1 of 3	
Ground Elevation 1303.99			Location See Boring Location Plan			Total Footage 45'	
Drilling Type	Hole Size	Overburden Footage	Bedrock Footage	No. of Samples	No. Core Boxes	Depth To Water	Date Measured
HSA	10"	45.0'	-0-	8	-0-	See Remarks	
Drilling Co. Layne Western Company Inc				Driller (s) Randy Crowl Buck Blank			
Drilling Rig. ATV Mounted CME 750				Type of Penetration Test Standard			
Date 3.30.87		To 3.31.87		Field Observer (s) M Eversman			

Depth	Description	Class.	Blow Count	Recov.	Sample or Box No.	Remarks
1	Brown Clay. Silty. Dry Low Plasticity. Trace Roots					Begin @ 4:00p Stopped without advanced
2						
3						
4						
5	Brown Clay. Silty. Dry Hard Low Plasticity. Trace of fine sand, roots.		10-14-15	18/18	SS1	
6						
7						
8						
9						
10	Tan sand. Slightly clayey. Dry to Moist Fine grained. Trace of gravel. Dense		11-18-18	18/18	SS2	
11						
12						
13						
14						

Drilling Log, continued

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						Date <u>3.30.87</u>	
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks	
15	Brown sand. Moist. V Dense Fine grained Well Sorted		10	18	SS 3		
16			20	18			
17			30				
18							
19							
20	Brown sand. Moist. Dense Fine to Med Grained. Poorly Sorted. Grades to Mod Coarse sand and gravel		4	18	SS 4		
21			7	18			
22			10				
23	Very large gravel present in cuttings. Cobble sized ~ 1" ϕ Some clay.						
24							
25	Brown sand. Moist. Dense Fine grained. Poorly Sorted. Interbedded clay seams 4" thick		4	18	SS 5	Water @ ~ 27' during drilling	
26			9	18			
27			8				
28							
29							
30	Brown sand. Wet. Dense Fine to Coarse grained. Poorly Sorted		1		SS 6		
31			4				
			3				

Drilling Log, continued

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						Date <u>3.30.87</u>	
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks	
	Some clay. Coarsens downward.				SS6		
32							
33							
34							
35	Brown sand. Wet. Dense		4	18"			
36	Fine to Med Grained		10	18"	SS7		
	Poorly sorted		7				
37							
38							
39							
40	as above. Trace of clay		4		SS8		
41			7				
			15				
42						Installed 10' 2" ϕ screen to 43.5'.	
43						2" ϕ riser pipe	
						Gravel pack to 30'	
44						Bentonite seal to 27'	
						Bentonite cement slurry to surface	
45	as above.		10	1"	SS9		
			15				
			25				
Total Depth 46.5'						Completed drilling and sampling @ 3:00p	
						Completed well installation @	



Figure No. I-1
MONITORING WELL
LOCATIONS