

Drilling Log

Project Name <i>Cessna</i>						Boring No. <i>B-13</i>	
Project No. <i>85-141-4-001</i>						Page <i>1</i> of <i>3</i>	
Ground Elevation			Location <i>See Figure II-1</i>			Total Footage <i>33.0'</i>	
Drilling Type	Hole Size	Overburden Footage	Bedrock Footage	No. of Samples	No. Core Boxes	Depth To Water	Date Measured
<i>HSA</i>	<i>6 1/4"</i>	<i>33.0'</i>	<i>0.0'</i>	<i>11</i>	<i>0</i>	<i>See Remarks</i>	<i>—</i>
Drilling Co. <i>Layne Western Company</i>					Driller (s) <i>Randy Gowl + Byron Seymore</i>		
Drilling Rig. <i>Acker AD-2</i>					Type of Penetration Test <i>Standard</i>		
Date <i>3-3-86</i>			To <i>3-3-86</i>		Field Observer (s) <i>J. David Langford</i>		

Depth	Description	Class.	Blow Count	Recov.	Sample or Box No.	Remarks
	<i>Limestone Gravel.</i>					<i>Start @ 3:00pm</i>
<i>1</i>	<i>Dark Gray Silty Clay, moist, medium to highly plastic, w/ a trace of fine sand.</i>		<i>4 9/16</i>	<i>7" / 18"</i>	<i>SS-1</i>	<i>OVA = 0ppm</i>
<i>2</i>			<i>1 1/17</i>	<i>6" / 18"</i>	<i>SS-2</i>	<i>OVA = 0ppm</i>
<i>3</i>	<i>Grayish Brown Sandy Silty Clay, moist, med. plastic, w/ gravel and a few small metal fragments.</i>		<i>4 8/13</i>	<i>12" / 18"</i>	<i>SS-3</i>	<i>OVA = 0ppm</i>
<i>4</i>			<i>2 4/5</i>	<i>12" / 18"</i>	<i>SS-4</i>	<i>OVA = 0ppm</i>
<i>5</i>	<i>Brown and Rusty Brown Silty Clay, moist, highly plastic.</i>		<i>2 4/5</i>	<i>10" / 18"</i>	<i>SS-5</i>	<i>OVA = 0ppm</i>
<i>6</i>			<i>3 3/5</i>	<i>12" / 18"</i>	<i>SS-6</i>	<i>OVA = 0ppm</i>
<i>7</i>						
<i>8</i>						
<i>9</i>						
<i>10</i>						
<i>11</i>						
<i>12</i>						
<i>13</i>						
<i>14</i>						

Drilling Log (continued)

Project Name						Boring No. <i>B-15</i>
Project No.						Page <i>2</i> of <i>3</i>
Date <i>3-3-86</i>						
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks
15	<i>Grayish Brown Silty Clay, moist, med. to Highly Plastic.</i>		<i>3/5 1/6</i>	<i>14" 18"</i>	<i>SS-7</i>	<i>OVA = 0 ppm</i>
16						
17	<i>Brown Sand, wet to saturated, Fine to Coarse, w/ a trace of silt.</i>		<i>7/15 1/20</i>	<i>12" 18"</i>	<i>SS-8</i>	<i>OVA = 1 ppm</i>
18						
19						
20						
21						
22			<i>7/6 1/5</i>	<i>18" 18"</i>	<i>SS-9</i>	<i>OVA = 1 ppm</i>
23						
24						
25						
26						
27			<i>5/9 1/13</i>	<i>18" 18"</i>	<i>SS-10</i>	<i>OVA = 1 ppm</i>
28						
29						
30						
31						

Drilling Log (continued)

Project Name CESSNA						Boring No. B-13
Project No. 85-141-4-001						Page 3 of 3
						Date 3-3-86
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks
31	Brown Sand, Saturated, Fine to Coarse, Dense		13/ 12/ 20	18" 18"	SS-11	OVA = 0ppm
32						
33	T.O. = 33.0'					Completed @ 4:45pm. Grouted Hole.
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						

- LEGEND**
- ▲ SHALLOW WELL (APPROX. 30-45ft.)
 - INTERMEDIATE WELL (APPROX. 75ft.)
 - DEEP WELL (APPROX. 100-120ft.)
 - PRODUCTION WELL
 - TEMPORARY BORING



Figure No. I-1
MONITORING WELL
LOCATIONS

BUTTS & McDONNELL
ENGINEERS - ARCHITECTS - CONSULTANTS