UTM: x 293643.847 m, y 4417951.991 m NAD 83 (zone 12N)
S 1200 ft, W 1290 ft from S4 corner, Sec 03, T 11 N, R 14 E, SLBM USM

Start Date 4/18/9 Completion Date 4/20/9 Driller USGS Central Drilling Program

Drilling Method: Air Rotary from 0 to 8’
Mud rotary (milltooth) from 8 to 43’
Mud Rotary (carbide) from 43 to 67’

Total Depth 67’
Static Water Level 3.87’
Water Level Date 6/9/9

Borehole Diameter

10” from 0 to 8’
6” from 8 to 43’
5” from 43 to 67’

Casing Type & Diameter
6” Steel from 0 to 8’
2” Sch 80 PVC from +2.51 to 56’
10” Steel Monument from to

Screen Type & Diameter
2.5” Sch 80 PVC .020” slot from 56 to 66’

Ground Elevation: 4309.62’
Measured From MP, top of riser

Logged By: Matt Affolter, UGS

Geophysical Log ☑ Yes ☐ No Other Logs: 

### Lithology Log

<table>
<thead>
<tr>
<th>Depth</th>
<th>Lithology Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-10</td>
<td>Thick tan clay (90%) with angular, up to 2 cm, dolomite gravel</td>
</tr>
<tr>
<td>10-15</td>
<td>Tan-green clay (60%) with rounded, up to 1 cm, dolomite gravel</td>
</tr>
<tr>
<td>15-28</td>
<td>Sand (60%) with gravel (40%); clasts=up to 1 cm, well rounded to subrounded, dolomite (60% black, 30% grey, 10% white)</td>
</tr>
<tr>
<td>28-35</td>
<td>BEDROCK -- Black weathered dolomite, slough from above common, with tan clay (20%) and calcite (10%)</td>
</tr>
<tr>
<td>35-40</td>
<td>Heterogeneous mix of black, grey, brown, orange/rust, and red dolomite (95%), calcite (5%)</td>
</tr>
<tr>
<td>40-45</td>
<td>Like above, dominantly red and black dolomite</td>
</tr>
<tr>
<td>45-50</td>
<td>Like above, dominantly reddish brown</td>
</tr>
<tr>
<td>DEPTH</td>
<td>LITHOLOGY</td>
</tr>
<tr>
<td>-------</td>
<td>-----------</td>
</tr>
<tr>
<td>55</td>
<td></td>
</tr>
<tr>
<td>60</td>
<td></td>
</tr>
<tr>
<td>65</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Lithology

- silt
- sand
- gravel
- siltstone
- sandstone
- conglomerate
- shale
- clay
- tuff
- limestone
- dolomite
- limestone-shaley
- cherty limestone