Well Log 110455

~~WELL~~ BOREHOLE NO. B-4 Page 1 of 3

NO I: 57903

| | | | |
|---|---|---|---|
| Project: Lyon Co. Section 26 | Location: B-4 | Elevation: | Project No.: 131045 |
| Drilling Co.: WDC | Drilling Equipment: Sonic Core | Date Started: 12/18/06 | Date Finished: 12/19/06 |
| Conductor Casing: NA | Casing: NA | Screen: NA | |
| Filter Pack: NA | Logged By: B. Hartt / P. Bassett | Drilling Method: Sonic Core | |
| | Geophysical Logs: NA | Drilling Fluid: NA | |
| Annular Seal: NA | Development: NA | Completion Depth: TD = 84' | |
| | | Water Level: ~78' | |

| Description | Depth (ft) | Drill Rate | Remarks |
|---|---|---|---|
| 0-6 SILTY SAND Well graded sand w/silt, dry, loose, light-med red-brown, v. fine-fine sand | 0, 2, 4, 6 | | |
| 6-10 SAND Mod graded med sand (10% coarse), dry, loose, med red-brown | 8, 10 | | grades coarser w/depth |
| 10-13 SANDY SILT Silt w/ v. fine sand, dry, loose, med. brown | 12 | | |
| 13-14 SILTY SAND v. fine sand, dry med. brown | 14 | | |
| 14-16 SILTY SAND v. fine sand w/silt, dry, loose lt. brown | 16 | | |
| 16-17 ASH? v. fine, loose, gray | | | |
| 17-18 SANDY SILT dry, loose, med red-brown | 18 | | |
| 18-19 FINE SAND Poorly graded w/minor silt dry, loose, lt brown | | | |
| 19-22 SILTY SAND Slightly moist, loose, med-red-br | 20, 22 | | |
| 20-25 No Core Return | 24 | | 22-25 may be clay that pushed out of way of core barrel |

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NAD-27 GPS - center of ¼ ¼ 39.304186°N
119.486897°W

(PLO)-I
MH-F

BROWN AND CALDWELL

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Log# 110453

| Description | Depth (ft) | Drill Rate | Remarks |
|---|---|---|---|
| | 24 | | |
| 25-27 CLAY Saturated | 26 | | |
| 27-30 SILTY SAND Fine sand, firm, med brown | 28 | | |
| 30-35 FINE SAND Minor silt, poorly graded, loose, dry. Lt. brown. | 30<br>32<br>34 | | |
| 35-42 SAND Med-coarse sand gradually becoming coarse sand + gravel (<1"). Minor silt. Med red-brown. Poor-Mod graded. | 36<br>38<br>40 | | Gradational: med/coarse sand → coarse sand/gravel |
| 42-52 SILTY SAND w/GRAVEL Well graded, med brown, gravel <0.5" | 42<br>44<br>46<br>48<br>50 | | |
| 52-57 SANDY GRAVEL w/SILT Gravel to 1/2", cohesive, firm, well graded, med orange-brown | 52<br>54<br>56 | | |

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Log # 1104153

| Description | Depth (ft) | Drill Rate | Remarks |
|---|---|---|---|
| | 56 | | |
| 57-64 SANDY SILT with minor gravel, moist, firm, med red-brown | 58 | | |
| | 60 | | |
| | 62 | | |
| 64-68 SANDY GRAVEL w/ SILT Well graded, compacted/hard, med orange-brown | 64 | | |
| | 66 | | |
| 68-84 SILTY GRAVEL Generally small gravel to 1" but some large cobbles >3" of weathered volcanic rock. Silt is med red-brown Mod graded Larger gravel + boulders >6" towards bottom of interval | 68 | | |
| | 70 | | |
| | 72 | | |
| | 74 | | |
| | 76 | | |
| | 78 | | Saturated. Ground water encountered @ 78' |
| | 80 | | |
| | 82 | | |
| TD = 84' | 84 | | |

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