

**APPENDIX C**

**APPENDIX C**

**MONITORING WELL CONSTRUCTION LOGS**

JOB NO. 5555107

LOG OF BORING NO. B-10

DATE: 7/14/2004

SHEET 2 OF 2

| NYCBC CLASS. | MATERIAL SYMBOL | SAMPLE DISCIPTION   | DEAPTH SCALE               | SAMPLES |           |           |                         | REMARKS<br>(DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)   |
|--------------|-----------------|---|----------------------------|---------|-----------|-----------|-------------------------|--|
|              |                 |   |                            | NO. LOC | TYPE      | RECOV.FT. | PENETR. RESIST BL/# IN. |  |
|              |                 | 4": Lt Brn c-m SAND, tr m Gravel.<br>1" Blk c-m SAND.<br>4": Multi-colored c SAND, some me Gravel.<br>4": Brn-Green m-f SAND.<br>12": Lt Brn - Blk m-c SAND, tr f Gravel.<br>2": Multi-colored m-c SAND, tr f Gravel.<br>3": Grayish Green m-c SAND, tr f Gravel and Silt.<br>9": Lt Brn m-c SAND, tr f Gravel.<br>9": Gray - Blk m-c Sand, some f Gravel, tr Silt. | 10<br>11<br>12<br>13<br>14 | M3      | MacroCore | 4'        | NA                      | Staining and a petroleum-like odor from the material at 11 - 12 ft and 14 - 15 ft.<br>PID from 11 - 12 ft. = 42.0 ppm<br>PID from 14 - 15 ft = 38.2 ppm. |
|              | S               | 4": Brn - Green m-c SAND, tr m Gravel.<br>3": Brn m SAND, tr f Gravel.<br>0.25": White m-f SAND.<br>3": Gray - Green m-c SAND, spots of brown m-c SAND.<br>1": Blk m-c SAND, tr m Gravel.<br>11.25": Gray Brn m-c SAND, tr m-c Gravel.  | 15<br>16<br>17<br>18       | M4      | MacroCore | 3'        | NA                      | Staining, sheen and a petroleum-like odor from the material at 15 - 19 ft.<br>PID = 87.3 ppm   |
|              |                 | 3.5": Brown m-f SAND, tr f Gravel.<br>3": Blk m-c SAND, some f-m Gravel.<br>3": Brn m-f SAND, tr f Gravel and Silt.   | 22<br>23                   | M5      | MacroCore | 4'        | NA                      | PID = 12.3 ppm<br>Slight petroleum-like odor, sheen and staining.  |
|              |                 | 33": Med Brn m-c SAND, tr f Gravel.<br>3": Med Brn c GRAVEL, some c-m Sand.   | 26                         | M6      | MacroCore | 3'        | NA                      | PID = 6.8 ppm<br>Slight petroleum-like odor.<br>EOB due to GeoProbe refusal  |
|              |                 |   | 27                         |         |           |           |                         | EOB @ 27.0 ft bgs.   |

**LOG OF BORING**

B10 SHEET 1 OF 2

|   |        |                                     |                                  |                                |         |
|---|--------|-------------------------------------|----------------------------------|--------------------------------|---------|
| PROJECT <b>Atlas Terminals</b>                              |        |                                     | PROJECT NO. <b>5555107</b>       |                                |         |
| LOCATION <b>Glendale, Queens, New York</b>                  |        |                                     | ELEVATION AND DATUM              |                                |         |
| DRILLING AGENCY <b>Aquifer Drilling &amp; Testing, Inc.</b> |        | DATE STARTED <b>7/14/2004</b>       |                                  | DATE FINISHED <b>7/18/2004</b> |         |
| DRILLING EQUIPMENT <b>Track mounted GeoProbe</b>            |        | COMPLETION DEPTH <b>27</b>          |                                  | ROCK DEPTH                     |         |
| SIZE AND TYPE OF BIT <b>GeoProbe Hammer</b>                 |        | LOCATION <b>See Attached Figure</b> |                                  |                                |         |
| CASING  |        |                                     | NO. SAMPLES <b>6</b>             | DIST.                          | UNDIST. |
| CASING HAMMER   | WEIGHT | DROP                                | WATER LEVEL                      | FIRST                          | COMPL.  |
| SAMPLER <b>5.0 ft Macro Core</b>                            |        |                                     | FOREMAN <b>Scott Przysbylski</b> |                                |         |
| SAMPLER HAMMER  | WEIGHT | DROP                                | INSPECTOR <b>Smita Patel</b>     |                                |         |

| NYCBC CLASS. | MATERIAL SYMBOL | SAMPLE DESCRIPTION   | DEPTH SCALE                                     | SAMPLES |           |            |                          | REMARKS<br>(DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)  |
|--------------|-----------------|--|---|---------|-----------|------------|--------------------------|---|
|              |                 |  |   | NO. LOC | TYPE      | RECOV. FT. | PENETR. RESIST. BL/6 IN. |   |
|              |                 | 8": Asphalt frags.<br>6": Dk Brn m-c SAND, tr m Gravel.<br>4": Lt Brn m-c SAND, tr m Gravel.<br>8": Dk Brn-Blk m-c SAND, tr f Gravel.<br>2": Lt Brn m-c SAND, tr f Gravel.<br>8": Brn m-f SAND, tr Silt. | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10 | M1      | MacroCore | 3'         | NA                       | Continuous MacroCose sampling, every 5 ft.<br><br>PID = 0.0 ppm<br><br>Collect soil sample from 2 - 4 ft for TCL Herbicides, TCL Pesticides, TCL VOCs, TCL SVOCs, TAL Metals and PCBs analyses. |
|              | F               | 1.5": Med Brn m-f SAND, tr Silt.<br>7": Lt Brn f SAND, tr Silt and f Gravel.<br>3": Lt Brn m-f SAND, tr Silt and f Gravel.<br>1": Gray m-f Gravel, tr m-f Sand.<br>7": Lt Brn m-c SAND, tr c Gravel.     |   | M2      | MacroCore | 3'         | NA                       | PID = 0.0 ppm<br><br>Collect soil sample from 8 - 10 ft for TCL VOCs, TCL SVOCs, TAL Metals and PCBs analyses.  |

|   |   |                                |         |
|---|---|--------------------------------|---------|
| PROJECT <b>Atlas Terminals</b>                              |   | PROJECT NO. <b>5555107</b>     |         |
| LOCATION <b>Glendale, Queens, New York</b>                  |   | ELEVATION AND DATUM            |         |
| DRILLING AGENCY <b>Aquifer Drilling &amp; Testing, Inc.</b> | DATE STARTED <b>7/21/2004</b>                   | DATE FINISHED <b>7/21/2004</b> |         |
| DRILLING EQUIPMENT <b>Truck - Mounted Drill Rig</b>         | COMPLETION DEPTH <b>29' 9"</b>                  | ROCK DEPTH                     |         |
| SIZE AND TYPE OF BIT <b>4.25" ID Hollow Stem Auger</b>      | LOCATION <b>See Attached Figure</b>             |                                |         |
| CASING  | NO. SAMPLES <b>9</b>                            | DIST.                          | UNDIST. |
| CASING HAMMER WEIGHT  | WATER LEVEL                                     | FIRST                          | COMPL.  |
| CASING HAMMER DROP  | 24 HR   |                                |         |
| SAMPLER <b>2" OD Split Spoon</b>                            | FOREMAN <b>Llyod (driller) and Ron (helper)</b> |                                |         |
| SAMPLER HAMMER <b>Automatic hammer</b>                      | INSPECTOR <b>Smita Patel</b>                    |                                |         |

| NYCBC CLASS. | MATERIAL SYMBOL | SAMPLE DESCRIPTION   | DEPTH SCALE | SAMPLES  |      |            |                         | REMARKS<br>(DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.) |
|--------------|-----------------|--|-------------|----------|------|------------|-------------------------|--|
|              |                 |  |             | NO. LOC. | TYPE | RECOV. FT. | PENETR. RESIST. BUB IN. |  |
|              |                 | 3': Asphalt and Black Top.<br>7': Concrete.  | 1           |          |      |            |                         | Continuous split spoon sampling, every 2.0'.                                 |
|              |                 | 4': Yellow-Brn c SAND, some m Gravel, concr and road base.<br>10': Blk m-c GRAVEL, some c Sand, asphalt, concr, glass frags.<br>4': Gray-Brn f-m SAND, tr m-f Gravel, asphalt, crick, concr frags. | 2           | S1       | SS   | 1.5'       | 10<br>22<br>11<br>11    | PID = 0.0 ppm  |
|              |                 | 4': Gray-Brn f-m SAND, tr f Gravel, asphalt and concr frags.<br>6': Reddish-rbn f SAND, tr f Gravel and Silt, asphalt, organic frags.<br>2': Lt Brn - Dk Brn f-m SAND, tr f Gravel.                | 3           |          |      |            | 9                       | PID = 0.0 ppm  |
|              |                 | 2': Blk m-c SAND, tr c Gravel.<br>8': Dk Brn m-c SAND, tr m-f Gravel.<br>6': Lt Gray brn f SAND, tr m Gravel.<br>2': Brn c-m SAND, tr c-m Gravel.  | 4           | S2       | SS   | 1'         | 15<br>13<br>13          | PID = 0.0 ppm  |
|              | L               | 2': Brn c-m SAND, some m-c Gravel.<br>1': Blk f-m SAND, wood frags.<br>3': Gravel sized pulverized cobble/boulder.   | 5           |          |      |            | 8                       | PID = 0.0 ppm  |
|              |                 | 1': Reddish Brn m-f SAND, tr f Gravel.<br>2': Blk m SAND, c Gravel.<br>1': Boulder/Cobble<br>5': Brn m-c SAND, tr f-m Gravel.  | 6           | S3       | SS   | 1.5'       | 8<br>8<br>9<br>12       | PID = 0.0 ppm  |
|              |                 | 1': Reddish Brn m-f SAND, tr f Gravel.<br>2': Blk m SAND, c Gravel.<br>1': Boulder/Cobble<br>5': Brn m-c SAND, tr f-m Gravel.  | 7           |          |      |            | 16<br>27<br>31<br>48    | Creosote-like odor.<br>PID = 2.3 ppm   |
|              |                 | 1': Boulder/Cobble<br>11': Reddish Brn c-m SAND, tr m-c Gravel, decayed organic matter.  | 8           | S4       | SS   | 8"         | 10<br>12<br>8<br>18     | PID = 0.0 ppm  |
|              | S               |  | 9           |          |      |            | 8<br>12<br>5<br>40      | PID = 0.0 ppm  |
|              |                 |  | 10          | S6       | SS   | 1'         |                         |  |
|              |                 |  | 11          |          |      |            |                         |  |
|              |                 |  | 12          | S6       | SS   | 1'         |                         |  |
|              |                 |  | 13          |          |      |            |                         |  |

JOB NO. 5555107

**LOG OF BORING NO. B-16/MW-16 A, B**

DATE: 7/21/2004

SHEET 2 OF 2

| NYCBC CLASS | MATERIAL SYMBOL | SAMPLE DESCRIPTION   | DEPTH SCALE                | SAMPLES |      |           |                          | REMARKS<br>(DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)  |
|-------------|-----------------|--|----------------------------|---------|------|-----------|--------------------------|---|
|             |                 |  |                            | NO. LOC | TYPE | RECOV.FT. | PENETR. RESIST. BL/6 IN. |   |
|             |                 | 8": Reddish Brn c-m SAND, some c-f Gravel, 1/4" diameter boulders.<br>1": Green f SAND, tr f Gravel. | 13<br>14                   | S7      | SS   | 9"        | 14<br>12<br>9<br>13      | PID = 0.0 ppm   |
|             |                 |  | 15<br>16<br>17<br>18<br>19 |         |      |           |                          | Continuous split spoon sampling every 5.0'.   |
|             | S               | Brn c-m SAND, tr f-m Gravel, 1/4" diameter boulder.  | 20<br>21                   | SS      | SS   | 4"        | 25<br>31<br>43<br>17     | PID = 0.0 ppm   |
|             |                 | Brn c-m SAND, tr f-m Gravel, 1/4" diameter boulder.  | 25<br>26                   | SS      | SS   | N/R       | 41<br>50/4"              | PID = 0.0 ppm   |
|             |                 |  | 27<br>28<br>29             |         |      |           |                          | Refusal at 26.0 ft bgs.<br>Offset east of original location, by 5.0 ft.<br><br>While augering to 30 ft bgs:<br>Rig chatters at 24' to 26' bgs.<br>Rig chatters at 26.5' to 28' bgs.<br>Rig chatters at 29' to 29'9" bgs.<br>Refusal at 29'9" bgs.<br>Offset east of second location, by 5.0 ft.<br>EOB for 7/21/04. Continue boring on 7/26/04. |
|             |                 |  | 30                         |         |      |           |                          | EOB @ 29.75 ft bgs.   |

**LOG OF BORING B-16/MW-16 SHEET 1 OF 5**

|   |  |                                     |   |                                |         |
|---|--|-------------------------------------|---|--------------------------------|---------|
| PROJECT <b>Atlas Terminals</b>                              |  |                                     | PROJECT NO. <b>5555107</b>                    |                                |         |
| LOCATION <b>Glendale, Queens, New York</b>                  |  |                                     | ELEVATION AND DATUM                           |                                |         |
| DRILLING AGENCY <b>Aquifer Drilling &amp; Testing, Inc.</b> |  | DATE STARTED <b>7/26/2004</b>       |   | DATE FINISHED <b>7/27/2004</b> |         |
| DRILLING EQUIPMENT <b>Truck - Mounted Drill Rig</b>         |  | COMPLETION DEPTH <b>71'</b>         |   | ROCK DEPTH                     |         |
| SIZE AND TYPE OF BIT <b>4.25" ID Hollow Stem Auger</b>      |  | LOCATION <b>See Attached Figure</b> |   |                                |         |
| CASING  |  |                                     | NO. SAMPLES <b>10</b>                         | DIST.                          | UNDIST. |
| CASING HAMMER <b>WEIGHT</b>                                 |  | DROP                                | WATER LEVEL <b>57'</b>                        | FIRST                          | COMPL.  |
| SAMPLER <b>2" OD Split Spoon</b>                            |  |                                     | FOREMAN <b>Christopher Stratton (driller)</b> |                                |         |
| SAMPLER HAMMER <b>WEIGHT</b> <b>140 lb.</b>                 |  | DROP <b>30"</b>                     | INSPECTOR <b>Stuart Knoop / Smita Patel</b>   |                                |         |

| NYCBC CLASS. | MATERIAL SYMBOL | SAMPLE DESCRIPTION | DEPTH SCALE | SAMPLES  |      |          |                          | REMARKS<br>(DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)   |
|--------------|-----------------|--------------------|-------------|----------|------|----------|--------------------------|--|
|              |                 |                    |             | NO. LOC. | TYPE | RECOVER. | PENETR. RESIST. BL/8 IN. |  |
|              |                 |                    | 1           |          |      |          |                          | <p>Offset bore hole location from previous location by 10.0'. Auger to 25.0 ft bgs.</p> <p>Transition from dk brn to org-brn soil cuttings (silty sand with gravel and pebble-sized rocks.)</p> <p>Brn f-m SAND, gravel and pebble-sized rock fragments.</p> <p>Hard material from 10.5' to 11.5' bgs.</p> |
|              |                 |                    | 2           |          |      |          |                          |  |
|              |                 |                    | 3           |          |      |          |                          |  |
|              |                 |                    | 4           |          |      |          |                          |  |
|              |                 |                    | 5           |          |      |          |                          |  |
|              |                 |                    | 6           |          |      |          |                          |  |
|              |                 |                    | 7           |          |      |          |                          |  |
|              |                 |                    | 8           |          |      |          |                          |  |
|              |                 |                    | 9           |          |      |          |                          |  |
|              |                 |                    | 10          |          |      |          |                          |  |
|              |                 |                    | 11          |          |      |          |                          |  |
|              |                 |                    | 12          |          |      |          |                          |  |
|              |                 |                    | 13          |          |      |          |                          |  |

JOB NO. 5555107

LOG OF BORING NO. B-16/MW-16

DATE: 7/26/2004

SHEET 2 OF 5

| NYCBC CLASS. | MATERIAL SYMBOL | SAMPLE DESCRIPTION  | DEPTH SCALE | SAMPLES |      |           |                          | REMARKS<br>(DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)        |
|--------------|-----------------|---|-------------|---------|------|-----------|--------------------------|---|
|              |                 |   |             | NO. LOC | TYPE | RECOV.FT. | PENETR. RESIST. BL/6 IN. |   |
|              |                 |   | 13          |         |      |           |                          |   |
|              |                 |   | 14          |         |      |           |                          |   |
|              |                 |   | 15          |         |      |           |                          |   |
|              |                 |   | 16          |         |      |           |                          |   |
|              |                 |   | 17          |         |      |           |                          |   |
|              |                 |   | 18          |         |      |           |                          | Dk Brn m-c SAND, some Gravel, tr Silt.  |
|              |                 |   | 19          |         |      |           |                          |   |
|              |                 |   | 20          |         |      |           |                          |   |
|              |                 |   | 21          |         |      |           |                          |   |
|              |                 |   | 22          |         |      |           |                          |   |
|              |                 |   | 23          |         |      |           |                          |   |
|              |                 |   | 24          |         |      |           |                          |   |
|              |                 |   | 25          |         |      |           |                          |   |
|              |                 |   | 26          | 51      | 55   | 11"       | 21<br>50/5"              | Pebble and cobble layer.<br>Dk Brn m-c SAND, some Gravel, tr Silt.<br>PID = 0.1 ppm |
|              | S               | Brn silty f-m SAND, some Gravel, pebble sized rock fragments. | 27          |         |      |           |                          |   |
|              |                 |   | 28          |         |      |           |                          |   |
|              |                 |   | 29          |         |      |           |                          |   |
|              |                 |   | 30          |         |      |           |                          |   |





**Langan**

Engineering and Environmental Services

JOB NO. 5555107

LOG OF BORING NO. B-16/MW-16

DATE: 7/26/04-7/27/04

SHEET 3 OF 5

| NYCBC CLASS. | MATERIAL SYMBOL | SAMPLE DESCRIPTION  | DEPTH SCALE | SAMPLES |      |            |                         | REMARKS<br>(DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)                              |
|--------------|-----------------|---|-------------|---------|------|------------|-------------------------|---|
|              |                 |   |             | NO. LOC | TYPE | RECOV./FT. | PENETR. RESIST BL/6 IN. |   |
|              |                 |   | 30          |         |      |            | 50/3'                   |   |
|              |                 | Brn silty f-m SAND, some Gravel, pebble-sized rock fragments.                           | 31          | SS      | SS   | 3          |                         | PID = 0.0 ppm   |
|              |                 |   | 32          |         |      |            |                         |   |
|              |                 | 7": Dk Brn silty f-m SAND, some pebble-sized rock fragments.                            | 33          | SS      | SS   | 19         | 40<br>50<br>50<br>50/1' | PID = 2.0 ppm   |
|              |                 | 12": Gray gravelly f-m SAND, pebble-sized rock fragments, lens of blk stained material. | 34          |         |      |            |                         |   |
|              |                 |   | 35          |         |      |            |                         | Resistant material at 34' bgs.<br>Brn pebbly f-m SAND, some Silt.<br>Very Pebbly at 35' bgs.              |
|              |                 |   | 36          |         |      |            |                         |   |
|              |                 |   | 37          |         |      |            |                         | Gray Brn gravelly f-m SAND, some Silt.  |
|              |                 |   | 38          |         |      |            |                         |   |
|              |                 | Brn f-m SAND, some Silt, some pebble-sized rock fragments (rounded).                    | 39          | SS      | SS   | 5          | 12<br>50/5'             | PID = 115 ppm<br>Auger refusal at 39' bgs.<br>Shut down drilling and continue on 7/27/04.                 |
|              |                 |   | 40          |         |      |            |                         |   |
|              |                 |   | 41          |         |      |            |                         | 7/27/04:<br>Air rotary drilling from 28' to 42' bgs. Cuttings from 40' to 42': Brn c SAND, tr c-f Gravel. |
|              |                 |   | 42          |         |      |            |                         |   |
|              |                 | Multi-colored c-m SAND, tr m-c Gravel.  | 43          | SS      | SS   | 1          | 10<br>10<br>23<br>17    | PID = 0.0 ppm   |
|              |                 |   | 44          |         |      |            |                         |   |
|              |                 |   | 45          |         |      |            |                         |   |
|              |                 |   | 46          |         |      |            |                         |   |
|              |                 |   | 47          |         |      |            |                         |   |

JOB NO. 5555107

LOG OF BORING NO. B-16/MW-16

DATE: 7/27/2004

SHEET 4 OF 5

| NYCBC CLASS. | MATERIAL SYMBOL | SAMPLE DESCRIPTION                                   | DEPTH SCALE | SAMPLES  |      |            |                         | REMARKS<br>(DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.) |
|--------------|-----------------|--|-------------|----------|------|------------|-------------------------|--|
|              |                 |  |             | NO. LOC. | TYPE | RECOV. FT. | PENETR. RESIST BU/6 IN. |  |
|              |                 | No recovery.   | 48          |          |      |            | 50/3'                   |  |
|              |                 |  | 49          | S8       | SS   | NR         |                         |  |
|              |                 |  | 50          |          |      |            |                         |  |
|              |                 |  | 51          |          |      |            |                         |  |
|              |                 |  | 52          |          |      |            |                         |  |
|              |                 | No recovery.   | 53          |          |      |            | 50/3'                   |  |
|              |                 |  | 54          | S7       | SS   | NR         |                         |  |
|              |                 |  | 55          |          |      |            |                         |  |
|              | S               | Multi-colored c SAND, tr c-m Gravel, (moist).        | 56          | S8       | SS   | 14'        | 5<br>5<br>23<br>30      | PID = 0.0 ppm  |
|              |                 |  | 57          |          |      |            |                         |  |
|              |                 | Multi-colored c-m SAND, tr f Gravel and Silt, (wet). | 58          | S8       | SS   | 6'         | 8<br>30<br>23<br>7      | PID = 0.0 ppm  |
|              |                 |  | 59          |          |      |            |                         |  |
|              |                 | Multi-colored c-m SAND, tr f Gravel (wet).           | 60          | S10      | SS   | 6'         | 7<br>9<br>13<br>15      | PID = 0.0 ppm  |
|              |                 |  | 61          |          |      |            |                         |  |
|              |                 |  | 62          |          |      |            |                         |  |
|              |                 |  | 63          |          |      |            |                         | Auger to 71 ft bgs and begin monitoring well installation.                   |
|              |                 |  | 64          |          |      |            |                         |  |

| JOB NO. <u>5555107</u> |                 | LOG OF BORING NO. <u>B-16/MW-16</u> |             |          |      |  |   |
|------------------------|-----------------|-------------------------------------|-------------|----------|------|--|---|
| DATE: <u>7/27/2004</u> |                 | SHEET <u>5</u> OF <u>5</u>          |             |          |      |  |   |
| NYCBC CLASS.           | MATERIAL SYMBOL | SAMPLE DESCRIPTION                  | DEPTH SCALE | SAMPLES  |      |  | REMARKS<br>(DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)  |
|                        |                 |                                     |             | NO. LOC. | TYPE | RECOV. FT.<br>PENETR. RESIST. BLUB IN. |   |
|                        |                 |                                     | 65          |          |      |  | Install monitoring well at B-16 location. Monitoring well depth is 71.0 ft bgs. Bentonite and grout slurry from 0.75 to 48.0 ft bgs. Bentonite chips from 48.0 - 50.0 ft bgs. # 1 Morie Sand from 50.0 to 71.0 ft bgs. A PVC riser sump from 67.0 to 69.0 ft bgs. SWell screen from 52.0 to 57.0 ft bgs. Installation was completed on 7/27/04.<br><br>See Monitoring Well, MW-16 Construction Log for details. |
|                        |                 |                                     | 66          |          |      |  |   |
|                        |                 |                                     | 67          |          |      |  |   |
|                        |                 |                                     | 68          |          |      |  |   |
|                        |                 |                                     | 69          |          |      |  |   |
|                        |                 |                                     | 70          |          |      |  |   |
|                        |                 |                                     | 71          |          |      |  |   |
|                        |                 |                                     | 72          |          |      |  |   |
|                        |                 |                                     | 73          |          |      |  |   |
|                        |                 |                                     | 74          |          |      |  |   |
|                        |                 |                                     | 75          |          |      |  |   |
|                        |                 |                                     | 76          |          |      |  |   |
|                        |                 |                                     | 77          |          |      |  |   |
|                        |                 |                                     | 78          |          |      |  |   |
|                        |                 |                                     | 79          |          |      |  |   |
|                        |                 |                                     | 80          |          |      |  |   |
|                        |                 |                                     | 81          |          |      |  |   |
|                        |                 |                                     |             |          |      |  | EOB at 71.0 ft bgs.   |