

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | SPT Values (blows/in) | Qu (tsf) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | SPT Values (blows/in) | Qu (tsf) | Moisture Content (%) |
|------------------------|---|------------|------------|-----------------------|----------|----------------------|------------------------|---------------------------|------------|------------|-----------------------|----------|----------------------|
| 699.4 | 12-inch thick, dark brown SILTY CLAY --TOPSOIL-- | 0 | | | | | 699.4 | | 0 | | | | |
| 697.4 | Brown CLAY LOAM --FILL-- | 1 | 1 | 8 | NP | 19 | 697.4 | | 1 | 7 | 4.5 | 14 | |
| 697.4 | Medium dense, brown SILTY LOAM | 2 | 2 | 8 | | | 697.4 | | 2 | 8 | 10 | | |
| 697.4 | Hard, brown SILTY CLAY LOAM to LOAM, trace gravel | 5 | 3 | 8 | 4.92 | 19 | 697.4 | | 3 | 8 | 12 | | |
| 692.6 | Medium stiff, brown LOAM, trace gravel | 4 | 4 | 4 | 0.82 | 24 | 692.6 | | 4 | 4 | 3 | | |
| 690.5 | Very stiff to hard, brown to gray SILTY CLAY LOAM, trace gravel | 5 | 5 | 3 | 3.36 | 14 | 690.5 | | 5 | 3 | 3 | | |
| 683.7 | Loose, gray, fine to coarse SAND, moist | 7 | 7 | 3 | NP | 16 | 683.7 | | 6 | 7 | 3 | | |
| 682.6 | Very stiff, gray SILTY CLAY LOAM, little gravel | 8 | 8 | 3 | 2.30 | 13 | 682.6 | | 7 | 3 | 3 | | |
| 680.6 | Boring terminated at 20.00 ft | 20 | | | | | 680.6 | | 8 | 3 | 3 | | |

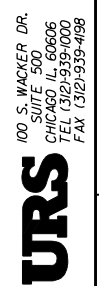
| GENERAL NOTES | | | | WATER LEVEL DATA | | | |
|---------------------|--|-------------------|------------|---------------------------|----------|--|--|
| Begin Drilling | 10-05-2010 | Complete Drilling | 10-05-2010 | While Drilling | DRY | | |
| Drilling Contractor | WTS | Drill Rig | B-57 TMR | At Completion of Drilling | 18.00 ft | | |
| Driller | K&K | Logger | B. Wilson | Time After Drilling | NA | | |
| Drilling Method | 3.25" IDA HSA; Boring backfilled upon completion | | | Depth to Water | NA | | |

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|------------------------|--|------------|------------|-----------------------|----------|----------------------|------------------------|---------------------------|------------|------------|-----------------------|----------|----------------------|
| 699.4 | 13-inch thick, brown SILTY CLAY --TOPSOIL-- | 0 | | | | | 699.4 | | 0 | | | | |
| 699.4 | Loose, brown SILT, trace roots | 1 | 1 | 4 | NP | 20 | 699.4 | | 1 | 3 | 4 | | |
| 692.8 | Hard, brown and gray SILTY CLAY | 3 | 3 | 3 | 4.84 | 20 | 692.8 | | 2 | 3 | 3 | | |
| 687.8 | Loose, brown to gray SILT | 5 | 5 | 3 | 4.76 | 20 | 687.8 | | 3 | 3 | 3 | | |
| 685.3 | Stiff to very stiff, gray SILTY CLAY, trace gravel | 6 | 6 | 3 | 1.64 | 15 | 685.3 | | 4 | 3 | 3 | | |
| 681.3 | Medium dense, gray GRAVELLY SAND | 7 | 7 | 4 | 3.36 | 17 | 681.3 | | 5 | 4 | 3 | | |
| 678.3 | Boring terminated at 20.00 ft | 20 | | | | | 678.3 | | 6 | 13 | 10 | | |

| GENERAL NOTES | | | | WATER LEVEL DATA | | | |
|---------------------|--|-------------------|------------|---------------------------|----------|--|--|
| Begin Drilling | 10-05-2010 | Complete Drilling | 10-05-2010 | While Drilling | 17.00 ft | | |
| Drilling Contractor | WTS | Drill Rig | B-57 TMR | At Completion of Drilling | 15.00 ft | | |
| Driller | K&K | Logger | B. Wilson | Time After Drilling | NA | | |
| Drilling Method | 3.25" IDA HSA; Boring backfilled upon completion | | | Depth to Water | NA | | |

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|------------------------|---|------------|------------|-----------------------|----------|----------------------|------------------------|---------------------------|------------|------------|-----------------------|----------|----------------------|
| 699.4 | 12-inch thick, dark brown SILTY CLAY --TOPSOIL-- | 0 | | | | | 699.4 | | 0 | | | | |
| 692.6 | Medium dense, brown SILTY LOAM --FILL-- | 1 | 1 | 3 | NP | 12 | 692.6 | | 1 | 10 | 10 | | |
| 692.6 | Hard, brown and gray SILTY CLAY, little fine to coarse gravel | 2 | 2 | 10 | | | 692.6 | | 2 | 4 | 4 | | |
| 681.1 | Loose, gray SILT, wet | 7 | 7 | 2 | NP | 20 | 681.1 | | 3 | 4 | 5 | | |
| 678.6 | Medium stiff to hard, gray SILTY CLAY, trace gravel | 8 | 8 | 3 | 0.74 | 22 | 678.6 | | 4 | 6 | 10 | | |
| 671.6 | Boring terminated at 25.00 ft | 25 | | | | | 671.6 | | 5 | 4 | 6 | | |

| GENERAL NOTES | | | | WATER LEVEL DATA | | | |
|---------------------|--|-------------------|------------|---------------------------|----------|--|--|
| Begin Drilling | 10-06-2010 | Complete Drilling | 10-06-2010 | While Drilling | 16.00 ft | | |
| Drilling Contractor | WTS | Drill Rig | B-57 TMR | At Completion of Drilling | 17.00 ft | | |
| Driller | K&K | Logger | B. Wilson | Time After Drilling | NA | | |
| Drilling Method | 3.25" IDA HSA; Boring backfilled upon completion | | | Depth to Water | NA | | |



FILE NAME = 016Z007-60M62-010-bor.dgn
 USER NAME = Anthony.Plutz

DESIGNED - PMH
 CHECKED - AMK
 DRAWN - PMH
 CHECKED - AMK

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORINGS 1
 STRUCTURE NO. 016-Z007

SHEET NO. 10 OF 12 SHEETS

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|--------------|-----------|
| 330 | 103R-5 | COOK | 778 | 471 |
| CONTRACT NO. 60M62 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |