

APPENDIX F

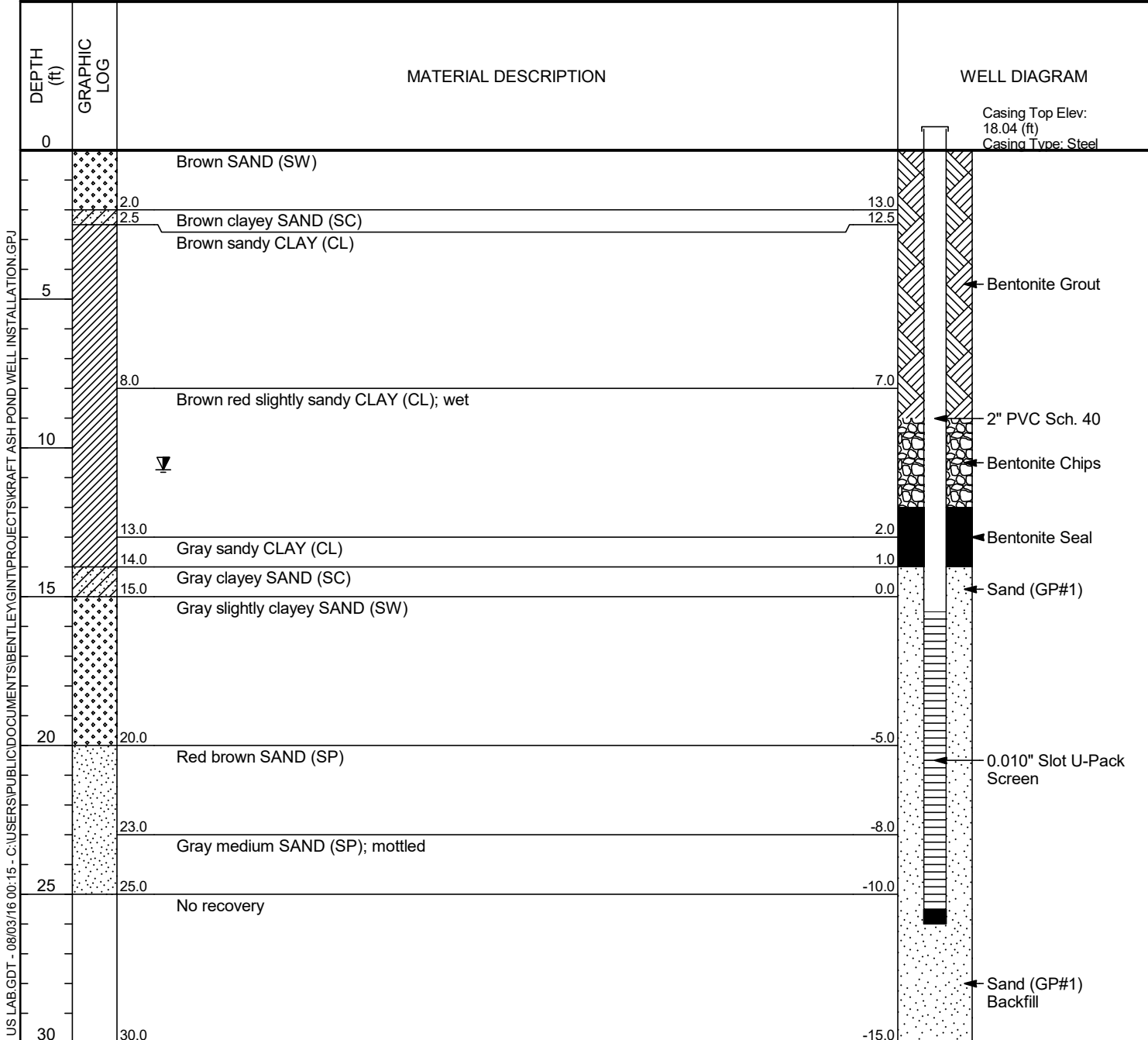


Resolute Environmental & Water Resources Consulting, LLC
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 Telephone: 678.398.9942
 Fax: 888.881.8219

BORING NUMBER KMW-1

CLIENT Southern Company Services
PROJECT NUMBER N/A
DATE STARTED 07/08/16 **COMPLETED** 07/08/16
DRILLING CONTRACTOR Cascade Drilling, L.P.
DRILLING METHOD Sonic
LOGGED BY Trent Godwin **CHECKED BY** Michael Patinkin
NOTES _____

PROJECT NAME Plant Kraft
PROJECT LOCATION Port Wentworth, GA
GROUND ELEVATION 15 ft MSL **HOLE SIZE** 6 inches
GROUND WATER LEVELS:
AT TIME OF DRILLING ---
AT END OF DRILLING ---
▼ AFTER DRILLING 10.73 ft / Elev 4.27 ft immediately before developing



SIMPLE WELL - GINT STD US LAB.GDT - 08/03/16 00:15 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\KRAFT ASH POND WELL INSTALLATION.GPJ



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BORING NUMBER KMW-01D

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft

PROJECT NUMBER N/A **PROJECT LOCATION** Port Wentworth, GA

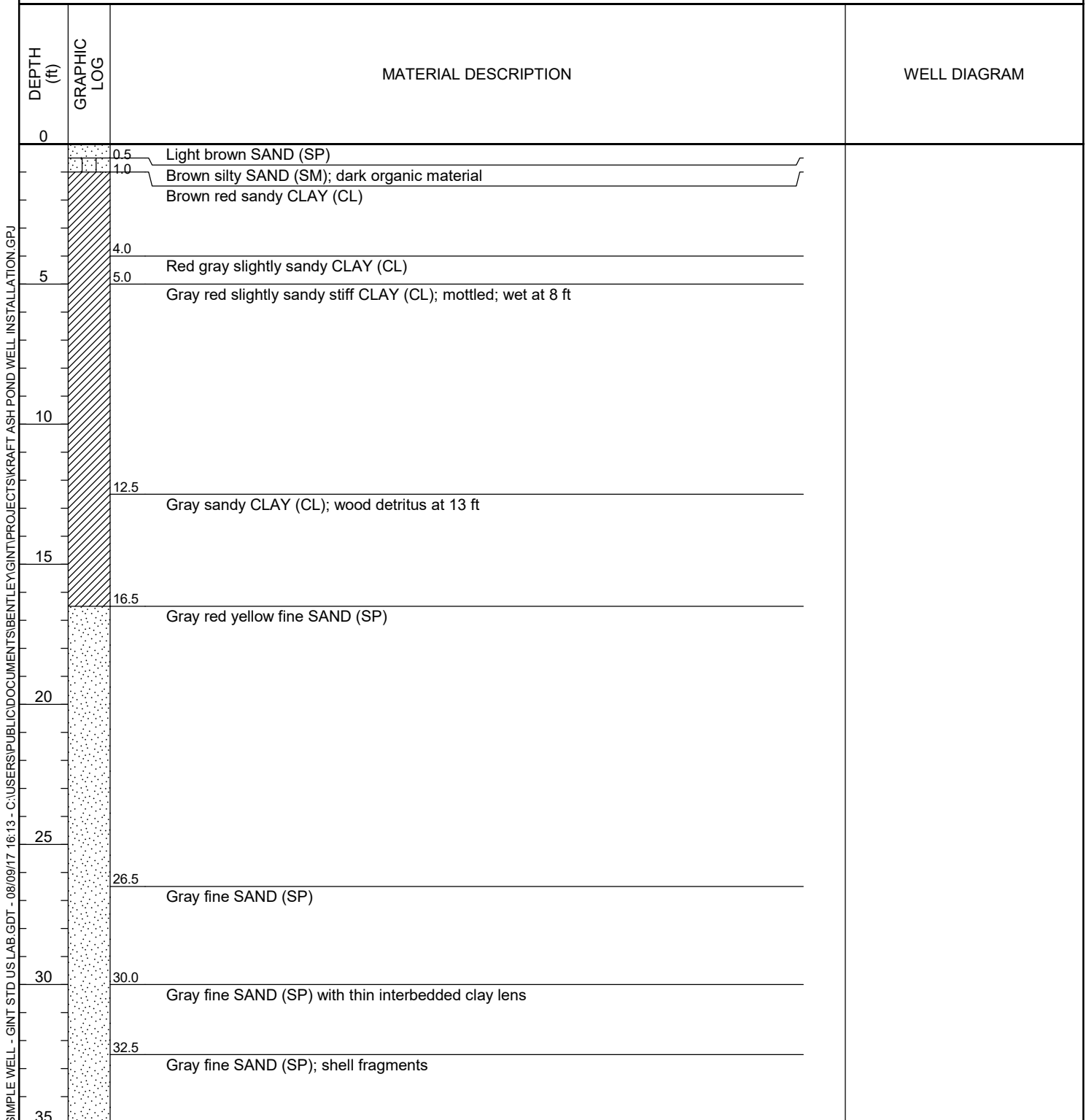
DATE STARTED 07/26/17 **COMPLETED** 07/27/17 **GROUND ELEVATION** _____ **HOLE SIZE** 10 inches

DRILLING CONTRACTOR Cascade Drilling, L.P. **GROUND WATER LEVELS:**

DRILLING METHOD Sonic **AT TIME OF DRILLING** ---

LOGGED BY Trent Godwin **CHECKED BY** Michael Patinkin **AT END OF DRILLING** ---

NOTES no well installed; plugged & abandoned **AFTER DRILLING** ---



(Continued Next Page)



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BORING NUMBER KMW-01D

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER N/A PROJECT LOCATION Port Wentworth, GA

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|---|--------------|
| 35 | | | |
| | | 36.0 Gray fine SAND (SP); shell fragments (<i>continued</i>) | |
| | | Dark gray silty SAND (SM); dry at 38 ft | |
| 40 | | | |
| | | 45.0 Gray green silty very fine SAND (SM) | |
| 45 | | | |
| | | 50.0 Gray silty very fine SAND (SM) | |
| 50 | | | |
| | | 55.0 Gray slightly silty very fine SAND (SP-SM); slightly moist at 60 ft | |
| 55 | | | |
| | | 65.0 Gray green clayey SILT (ML) | |
| 60 | | | |
| | | 69.0 Gray very fine SAND (SP); moist at 69 ft | |
| 65 | | | |
| | | 70.0 Gray green slightly clayey sandy SILT (ML) with few thin sand lenses; slightly moist | |
| 70 | | | |
| | | | |
| 75 | | | |

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BORING NUMBER KMW-01D

PAGE 3 OF 4

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
PROJECT NUMBER N/A PROJECT LOCATION Port Wentworth, GA

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|--|--------------|
| 75 | | | |
| | | Gray green slightly clayey sandy SILT (ML) with few thin sand lenses; slightly moist <i>(continued)</i> | |
| 80 | 80.0 | Gray green slightly clayey silty SAND (SM) | |
| 85 | | | |
| 90 | | | |
| 95 | 95.0 | Gray green slightly sandy clayey SILT (ML); dry | |
| 100 | | | |
| 105 | 105.0 | Gray green slightly clayey silty very fine SAND (SM) | |
| 110 | | | |
| 115 | | | |

SAMPLE WELL - GINT STD US LAB.GDT - 08/09/17 16:13 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\KRAFT ASH POND WELL INSTALLATION.GPJ

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BORING NUMBER KMW-01D

PAGE 4 OF 4

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
PROJECT NUMBER N/A PROJECT LOCATION Port Wentworth, GA

SIMPLE WELL - GINT STD US LAB.GDT - 08/09/17 16:13 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\KRAFT ASH POND WELL INSTALLATION.GPJ

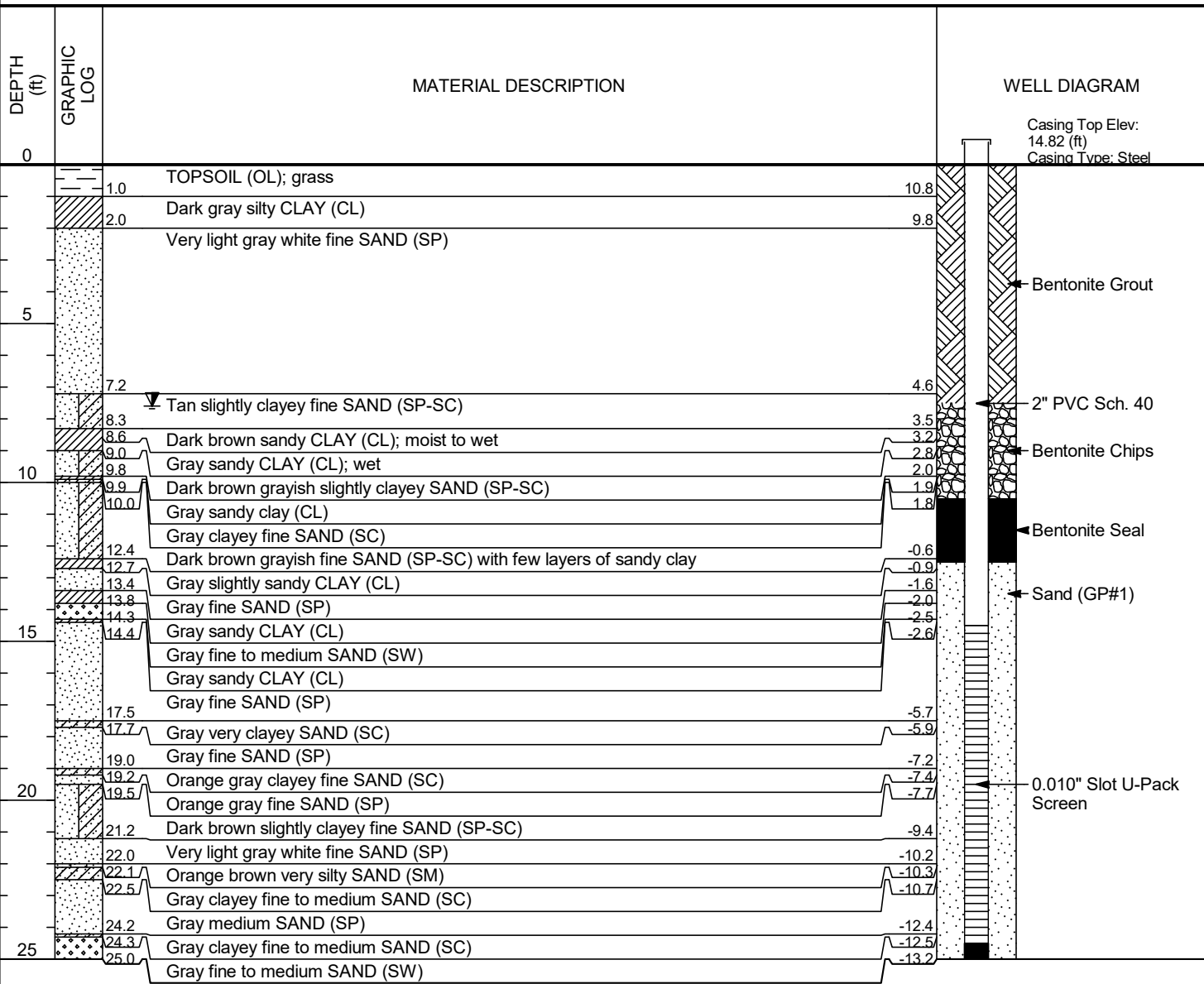
| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|---|--------------|
| 115 | | | |
| | | Gray green slightly clayey silty very fine SAND (SM) <i>(continued)</i> | |
| 120 | | | |
| | | Gray green silty very fine SAND (SM) | |
| 125 | | | |
| | | | |
| 130 | | | |
| | | | |
| | | | |
| 135 | | | |
| | | Gray green clayey SILT (ML) with weathered dolomite layers & concretions; fossiliferous | |
| | | | |
| | | Gray green slightly sandy SILT (ML) with limestone & concretions; well indurated | |
| | | | |
| | | Gray green slightly sandy clayey SILT (ML) | |
| 140 | | | |

Bottom of borehole at 140.0 feet.

CLIENT Southern Company Services
PROJECT NUMBER N/A
DATE STARTED 07/12/16 **COMPLETED** 07/12/16
DRILLING CONTRACTOR Cascade Drilling, L.P.
DRILLING METHOD Sonic
LOGGED BY Stephen Wilson **CHECKED BY** Michael Patinkin
NOTES _____

PROJECT NAME Plant Kraft
PROJECT LOCATION Port Wentworth, GA
GROUND ELEVATION 11.8 ft MSL **HOLE SIZE** 6 inches
GROUND WATER LEVELS:
AT TIME OF DRILLING ---
AT END OF DRILLING ---
▼ AFTER DRILLING 7.59 ft / Elev 4.21 ft immediately before developing

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Bottom of borehole at 25.0 feet.



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BORING NUMBER KMW-02D

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft

PROJECT NUMBER N/A **PROJECT LOCATION** Port Wentworth, GA

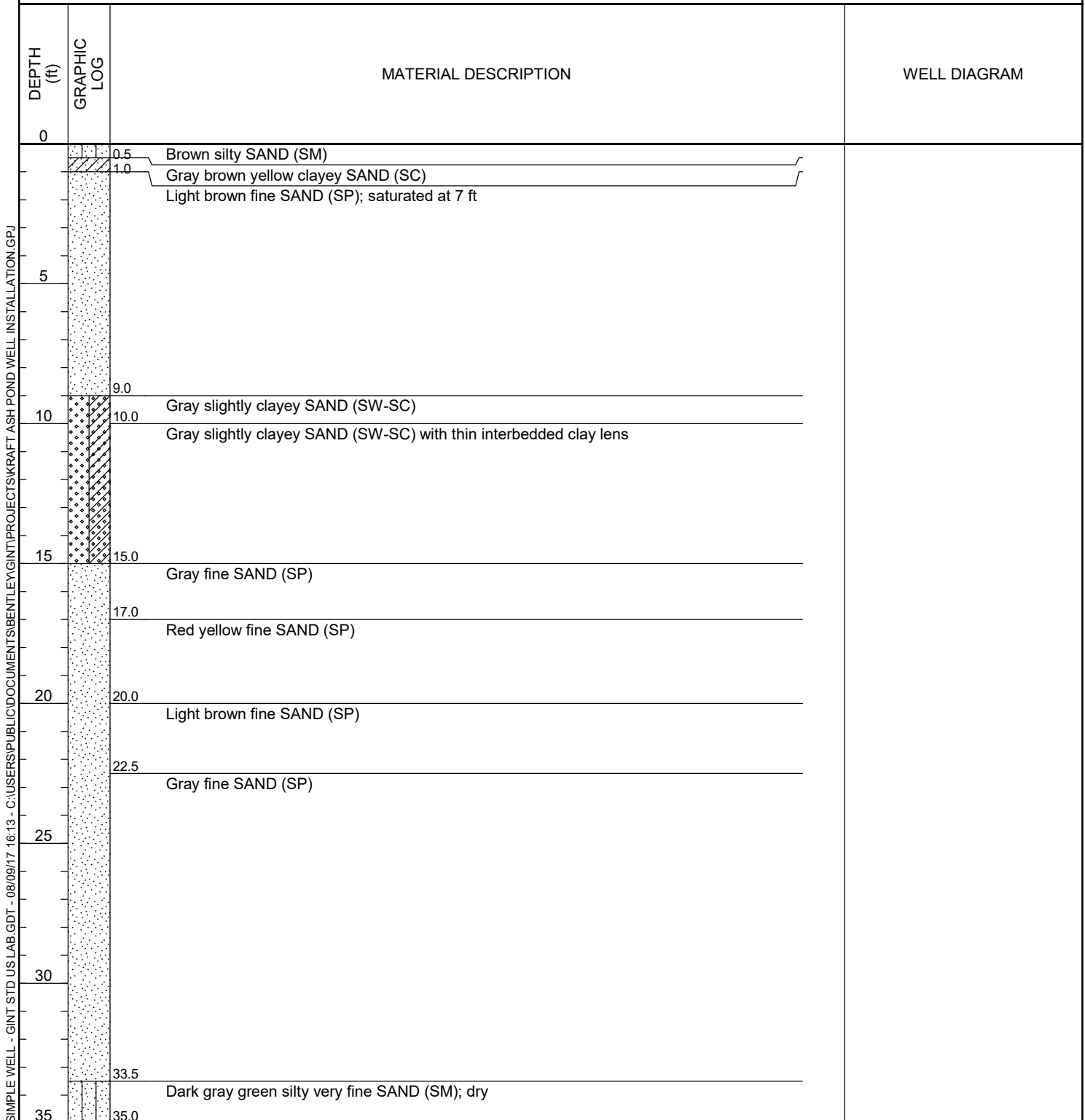
DATE STARTED 07/29/17 **COMPLETED** 07/29/17 **GROUND ELEVATION** _____ **HOLE SIZE** 10 inches

DRILLING CONTRACTOR Cascade Drilling, L.P. **GROUND WATER LEVELS:**

DRILLING METHOD Sonic **AT TIME OF DRILLING** ---

LOGGED BY Trent Godwin **CHECKED BY** Michael Patinkin **AT END OF DRILLING** ---

NOTES no well installed; plugged & abandoned **AFTER DRILLING** ---



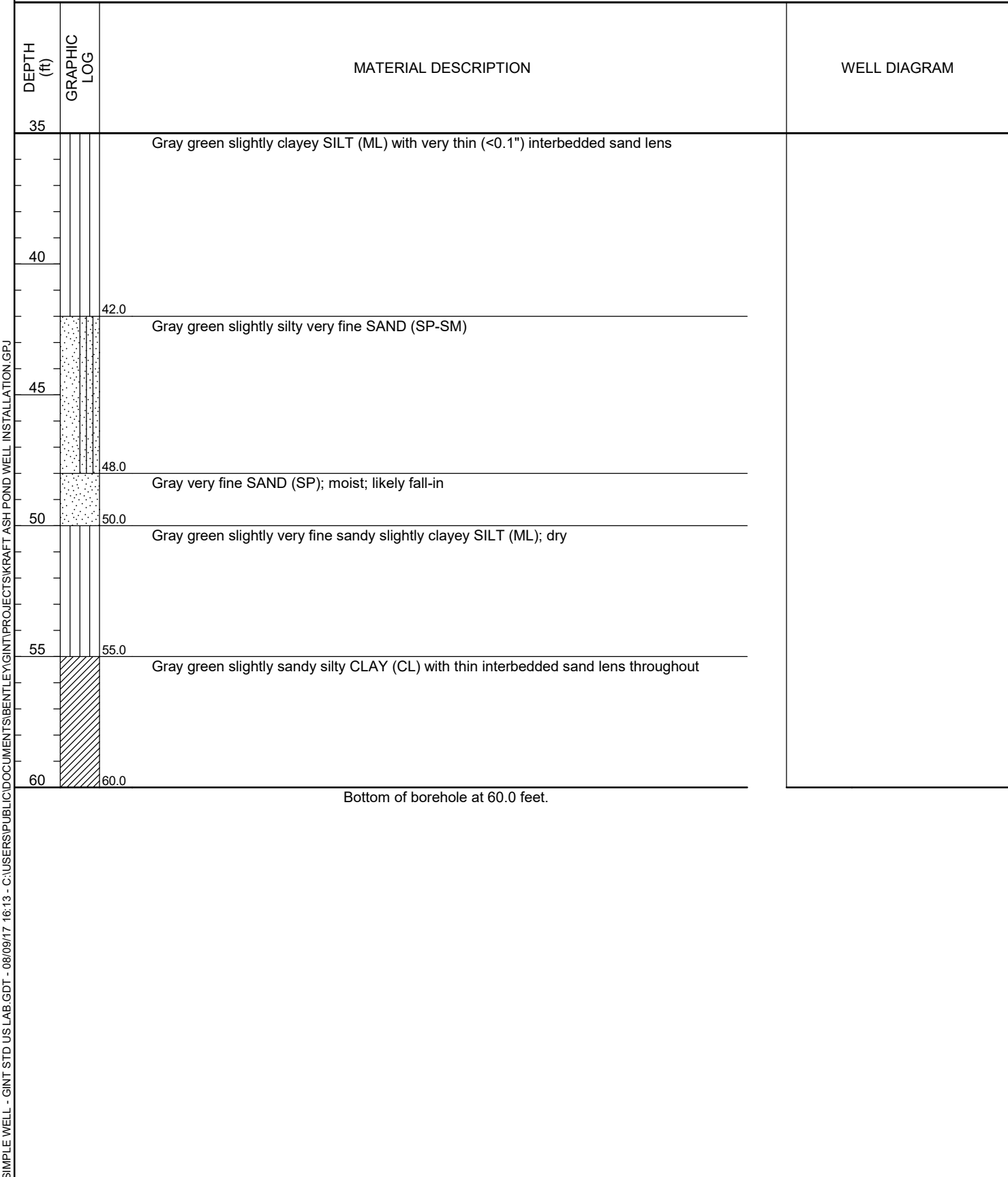
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BORING NUMBER KMW-02D

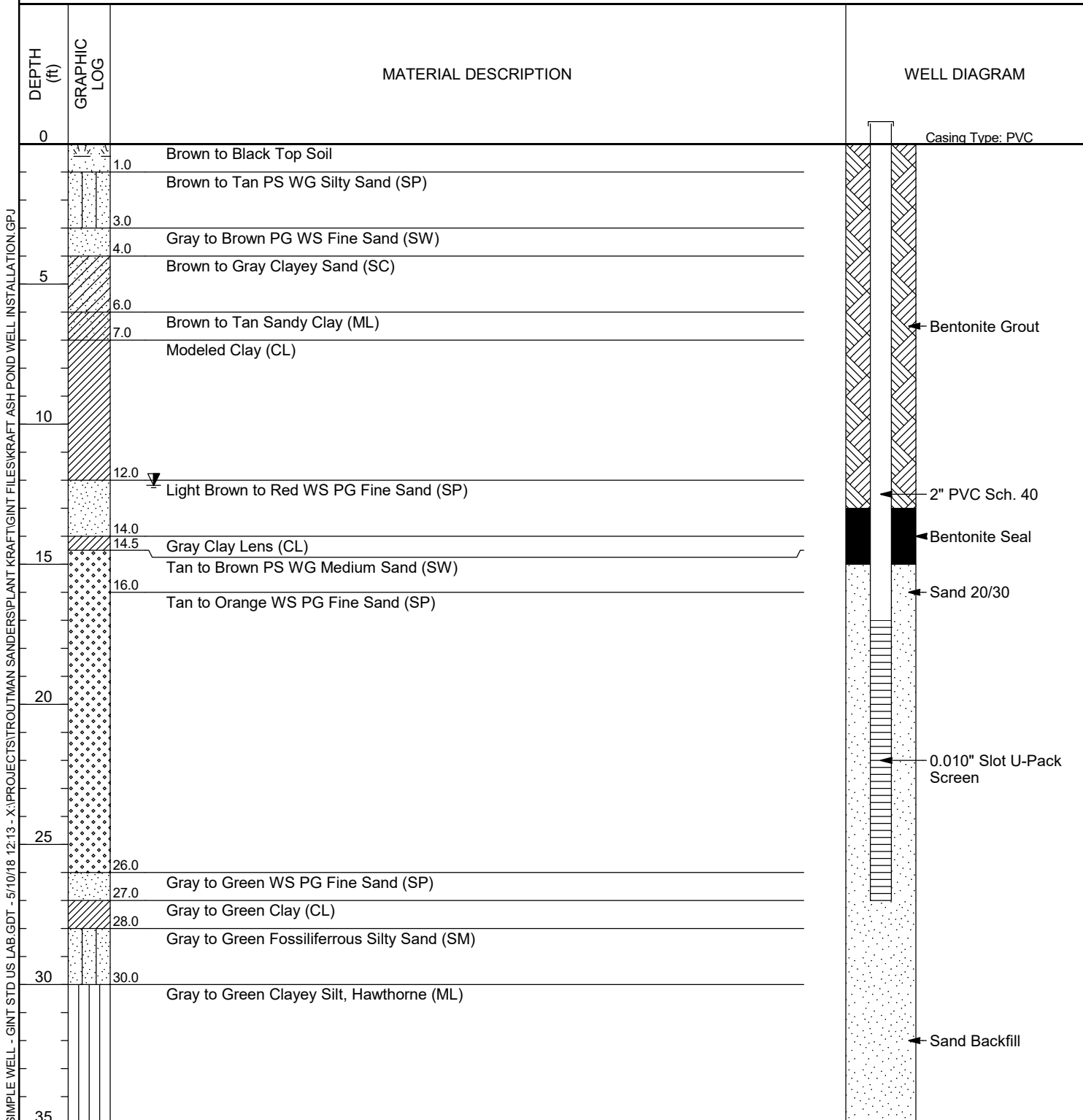
CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER N/A PROJECT LOCATION Port Wentworth, GA






CLIENT Southern Company Services
PROJECT NUMBER N/A
DATE STARTED 2/6/18 **COMPLETED** 2/6/18
DRILLING CONTRACTOR Cascade Drilling, L.P.
DRILLING METHOD Sonic
LOGGED BY Kevin Stephenson **CHECKED BY** Trent Godwin
NOTES _____

PROJECT NAME Plant Kraft
PROJECT LOCATION Port Wentworth, GA
GROUND ELEVATION _____ **HOLE SIZE** 6 inches
GROUND WATER LEVELS:
AT TIME OF DRILLING ---
AT END OF DRILLING ---
▼ AFTER DRILLING 12.18 ft immediately before developing



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CLIENT Southern Company Services PROJECT NAME Plant Kraft
 PROJECT NUMBER N/A PROJECT LOCATION Port Wentworth, GA

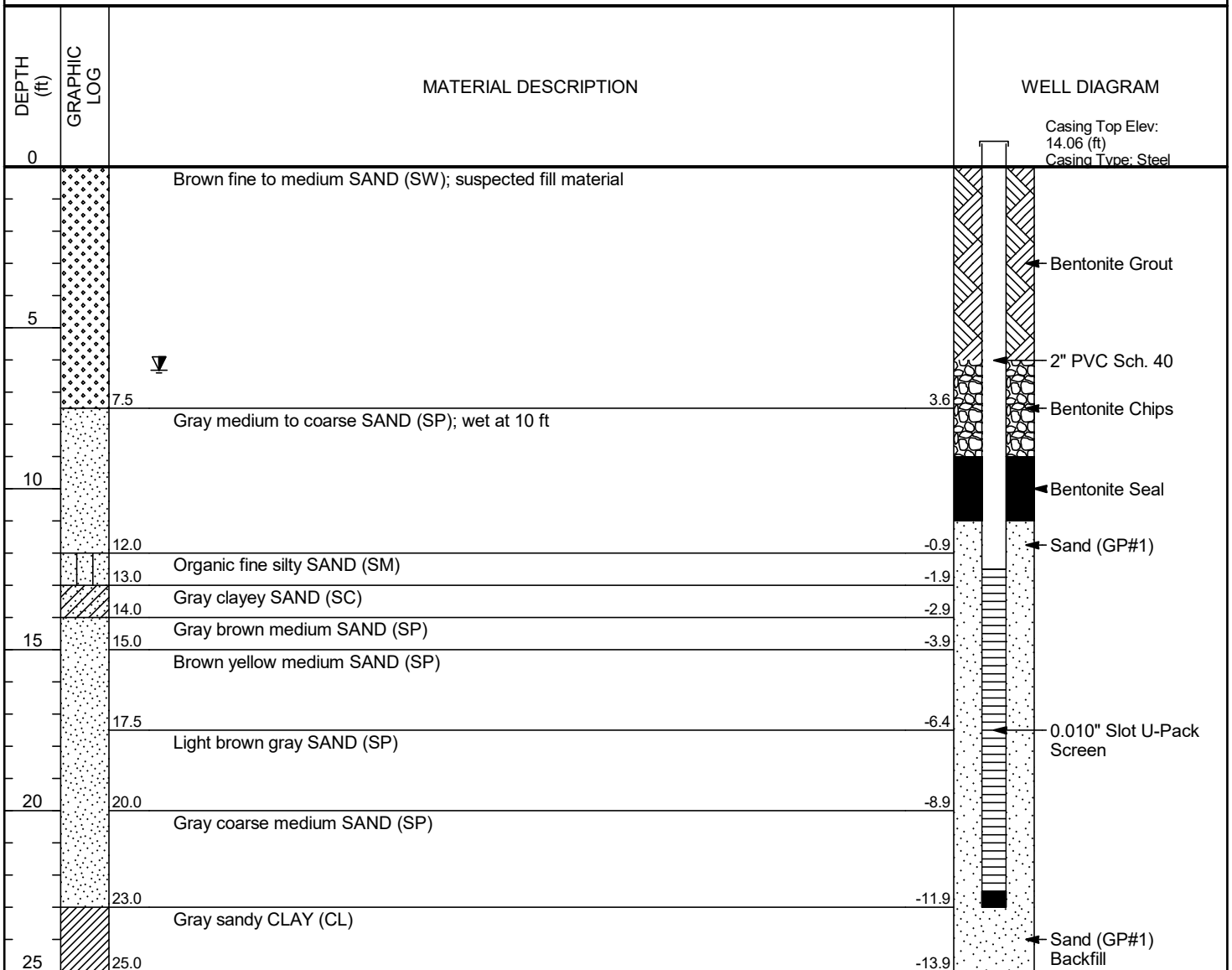
| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|--|---|
| 35 | | Gray to Green Clayey Silt, Hawthorne (ML) <i>(continued)</i> |  |
| | 37.0 | Bottom of borehole at 37.0 feet. | |

SIMPLE WELL - GINT STD US LAB.GDT - 5/10/18 12:13 - X:\PROJECTS\TROUTMAN SANDERS\PLANT KRAFT\GINT FILES\KRAFT ASH POND WELL INSTALLATION.GPJ

CLIENT Southern Company Services
PROJECT NUMBER N/A
DATE STARTED 07/08/16 **COMPLETED** 07/08/16
DRILLING CONTRACTOR Cascade Drilling, L.P.
DRILLING METHOD Sonic
LOGGED BY Trent Godwin **CHECKED BY** Michael Patinkin
NOTES _____

PROJECT NAME Plant Kraft
PROJECT LOCATION Port Wentworth, GA
GROUND ELEVATION 11.1 ft MSL **HOLE SIZE** 6 inches
GROUND WATER LEVELS:
AT TIME OF DRILLING ---
AT END OF DRILLING ---
▼ AFTER DRILLING 6.31 ft / Elev 4.79 ft immediately before developing

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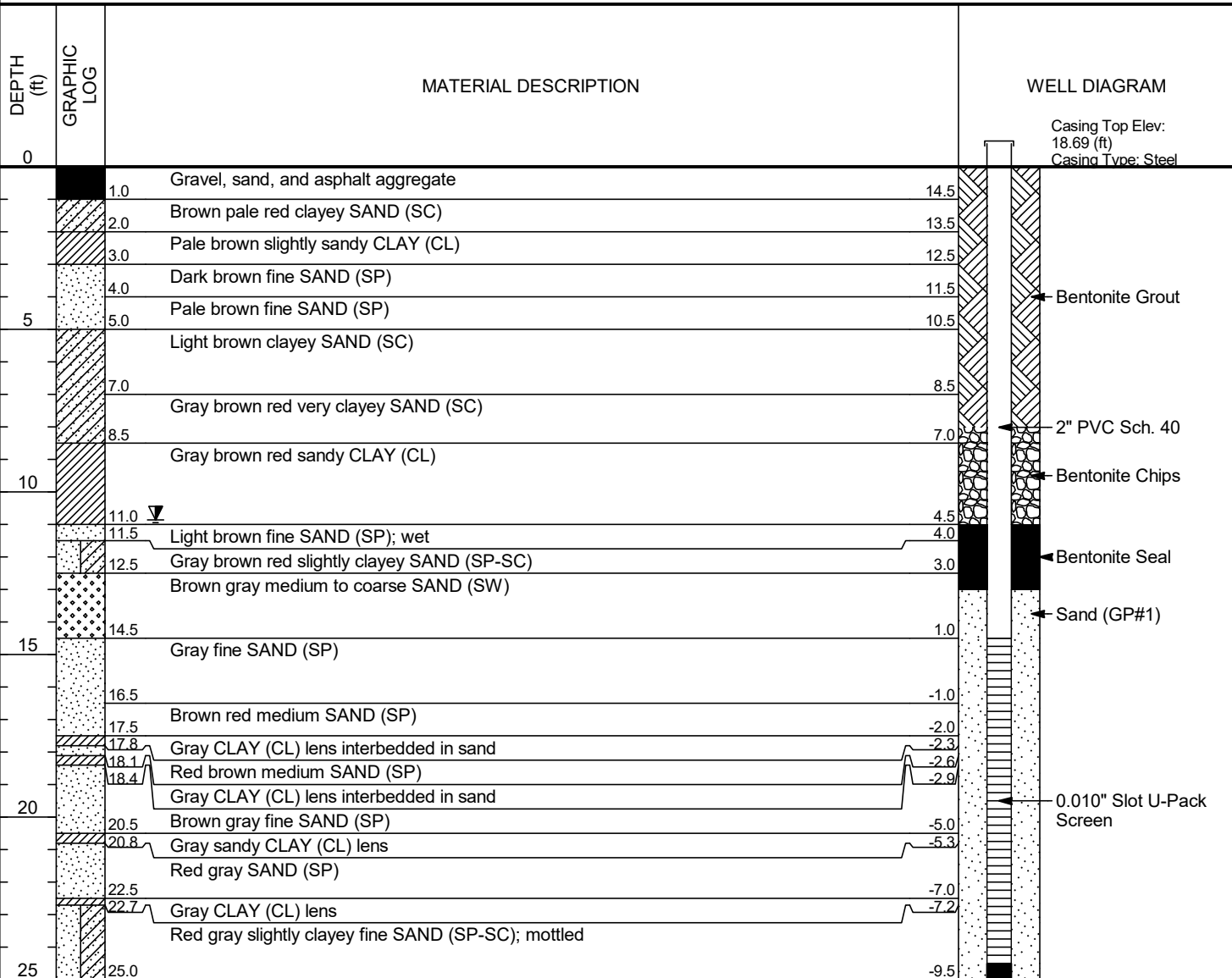
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BORING NUMBER KMW-5

CLIENT Southern Company Services
PROJECT NUMBER N/A
DATE STARTED 07/09/16 **COMPLETED** 07/09/16
DRILLING CONTRACTOR Cascade Drilling, L.P.
DRILLING METHOD Sonic
LOGGED BY Trent Godwin **CHECKED BY** Michael Patinkin
NOTES _____

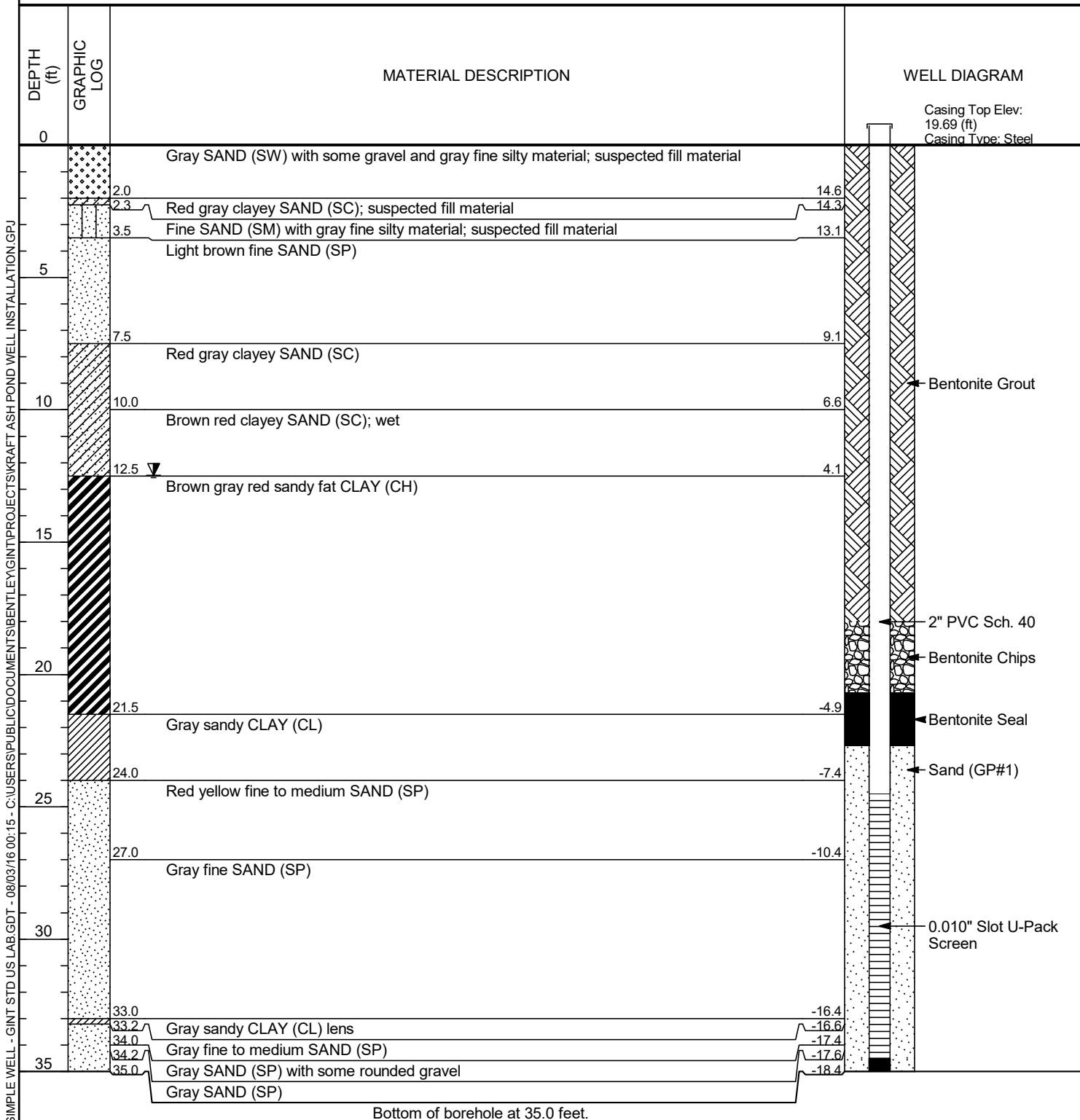
PROJECT NAME Plant Kraft
PROJECT LOCATION Port Wentworth, GA
GROUND ELEVATION 15.52 ft MSL **HOLE SIZE** 6 inches
GROUND WATER LEVELS:
AT TIME OF DRILLING ---
AT END OF DRILLING ---
▼ AFTER DRILLING 10.86 ft / Elev 4.66 ft immediately before developing

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Bottom of borehole at 25.0 feet.

CLIENT Southern Company Services **PROJECT NAME** Plant Kraft
PROJECT NUMBER N/A **PROJECT LOCATION** Port Wentworth, GA
DATE STARTED 07/10/16 **COMPLETED** 07/10/16 **GROUND ELEVATION** 16.56 ft MSL **HOLE SIZE** 6 inches
DRILLING CONTRACTOR Cascade Drilling, L.P. **GROUND WATER LEVELS:**
DRILLING METHOD Sonic **AT TIME OF DRILLING** ---
LOGGED BY Trent Godwin **CHECKED BY** Michael Patinkin **AT END OF DRILLING** ---
NOTES ▼ AFTER DRILLING 12.47 ft / Elev 4.09 ft immediately before developing



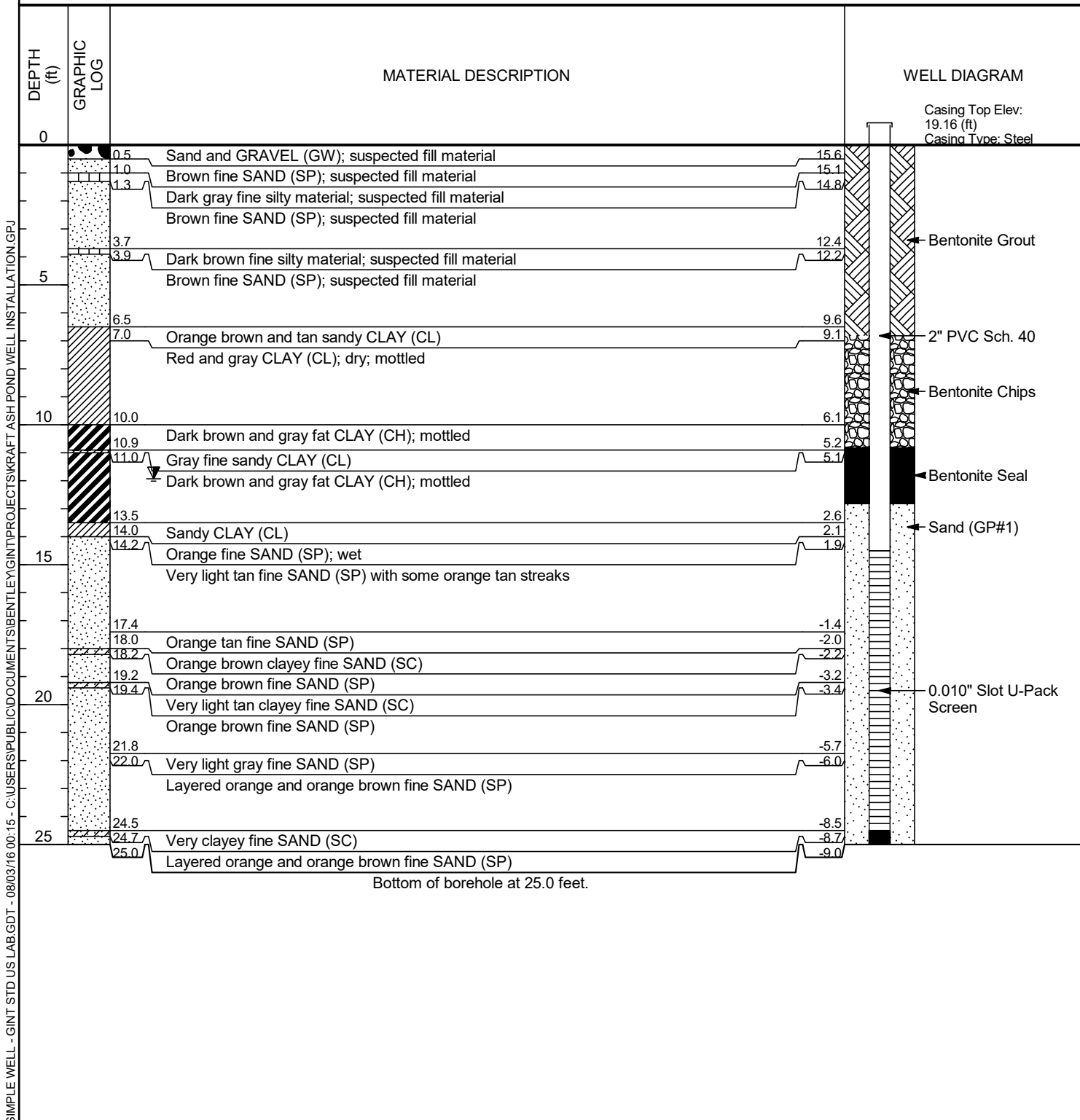
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BORING LOG: KMW-6B

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft BORING NO.: KMW-6B METHOD: Direct Push Technology TOTAL DEPTH: 4 ft BLS DRILLING CO.: Atlas-Geo Sampling Company DRILLER: Sammy and Joseph LOGGER: Michael Patinkin | LOCATION: Port Wentworth, GA PROJECT NO.: — BORING DATE: 1-Feb-2017 BIT DIA.: 2 & 7/8" GROUND EL.: Not Surveyed START TIME: 1435 RIG: Massey Ferguson Tractor REVIEWER: Trent Godwin |
|--|------------------------------|--|---|
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.4 | 0.0 to 1.2 ft - poorly graded fine to medium silty SAND with gravel (SM); brown, gray | Sample: KMW-6B-1.6-2.2 |
| 2 | | 1.2 to 1.6 ft - poorly graded fine clayey SAND (SC); brown, red 1.6 to 2.2 ft - ASH FILL (ML); gray, brown | |
| 3 | | 2.2 to 3.4 ft - poorly graded fine SAND (SP); brown, tan, gray | Moist at 3 ft |
| 4 | Bottom of borehole at 4 feet | | |
| 5 | | | |

CLIENT Southern Company Services
PROJECT NUMBER N/A
DATE STARTED 07/10/16 **COMPLETED** 07/10/16
DRILLING CONTRACTOR Cascade Drilling, L.P.
DRILLING METHOD Sonic
LOGGED BY Stephen Wilson **CHECKED BY** Michael Patinkin
NOTES _____

PROJECT NAME Plant Kraft
PROJECT LOCATION Port Wentworth, GA
GROUND ELEVATION 16.05 ft MSL **HOLE SIZE** 6 inches
GROUND WATER LEVELS:
AT TIME OF DRILLING ---
AT END OF DRILLING ---
▼ AFTER DRILLING 11.92 ft / Elev 4.13 ft immediately before developing

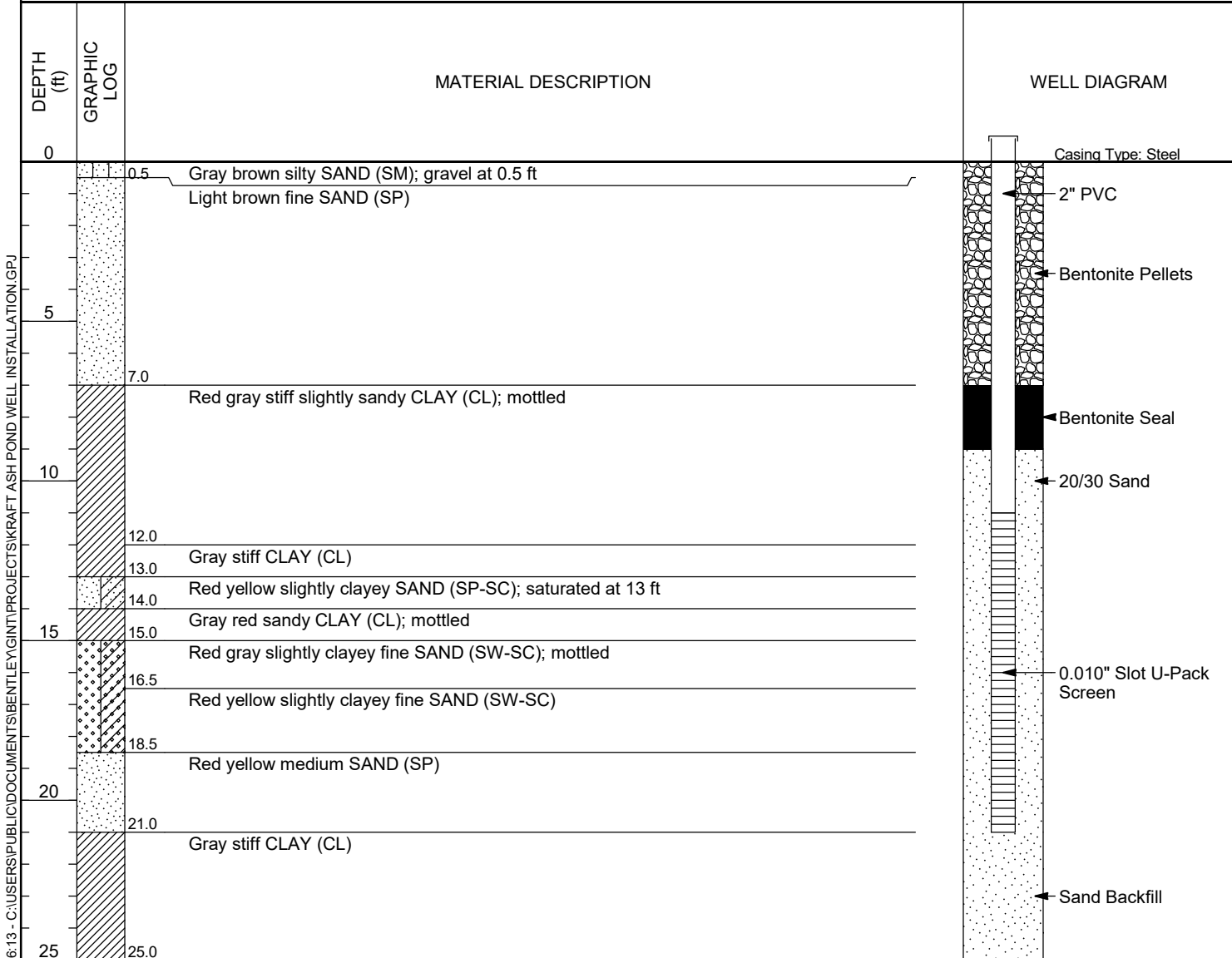


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BORING LOG: KMW-7B

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | | Recovery (ft) | SITE: Plant Kraft BORING NO.: KMW-7B METHOD: Direct Push Technology TOTAL DEPTH: 4 ft BLS DRILLING CO.: Atlas-Geo Sampling Company DRILLER: Sammy and Joseph LOGGER: Michael Patinkin | LOCATION: Port Wentworth, GA PROJECT NO.: — BORING DATE: 1-Feb-2017 BIT DIA.: 2 & 7/8" GROUND EL.: Not Surveyed START TIME: 1455 RIG: Massey Ferguson Tractor REVIEWER: Trent Godwin |
|--|--|------------------------------|--|---|
| | | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | | 3.4 | 0.0 to 0.8 ft - poorly graded fine to medum silty SAND with gravel (SM); brown, gray | Sample: KMW-7B-0-4 |
| 2 | | | 0.8 to 1.2 ft - ASH FILL (ML); gray, black 1.2 to 2.4 ft - poorly graded fine SAND (SP); brown, tan, orange | |
| 3 | | | 2.4 to 2.7 ft - silty SAND (SM); dark brown 2.7 to 3.4 ft - poorly graded very fine SAND (SP); tan | Moist at 2 ft |
| 4 | | Bottom of borehole at 4 feet | | |
| 5 | | | | |

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft
PROJECT NUMBER N/A **PROJECT LOCATION** Port Wentworth, GA
DATE STARTED 07/25/17 **COMPLETED** 07/25/17 **GROUND ELEVATION** _____ **HOLE SIZE** 6 inches
DRILLING CONTRACTOR Cascade Drilling, L.P. **GROUND WATER LEVELS:**
DRILLING METHOD Sonic **AT TIME OF DRILLING** ---
LOGGED BY Trent Godwin **CHECKED BY** Michael Patinkin **AT END OF DRILLING** ---
NOTES _____ **AFTER DRILLING** ---



Bottom of borehole at 25.0 feet.

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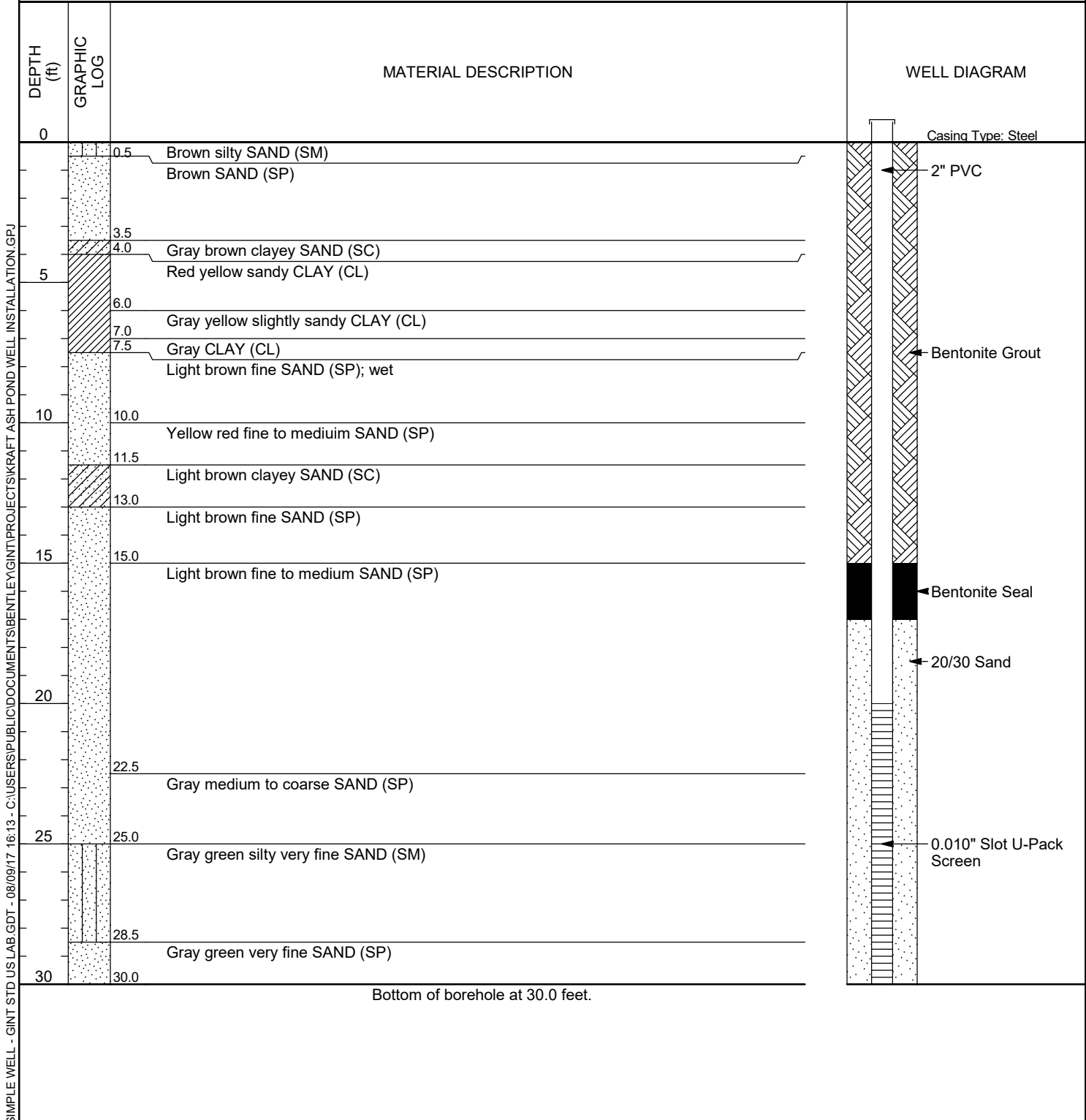


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BORING NUMBER KMW-09

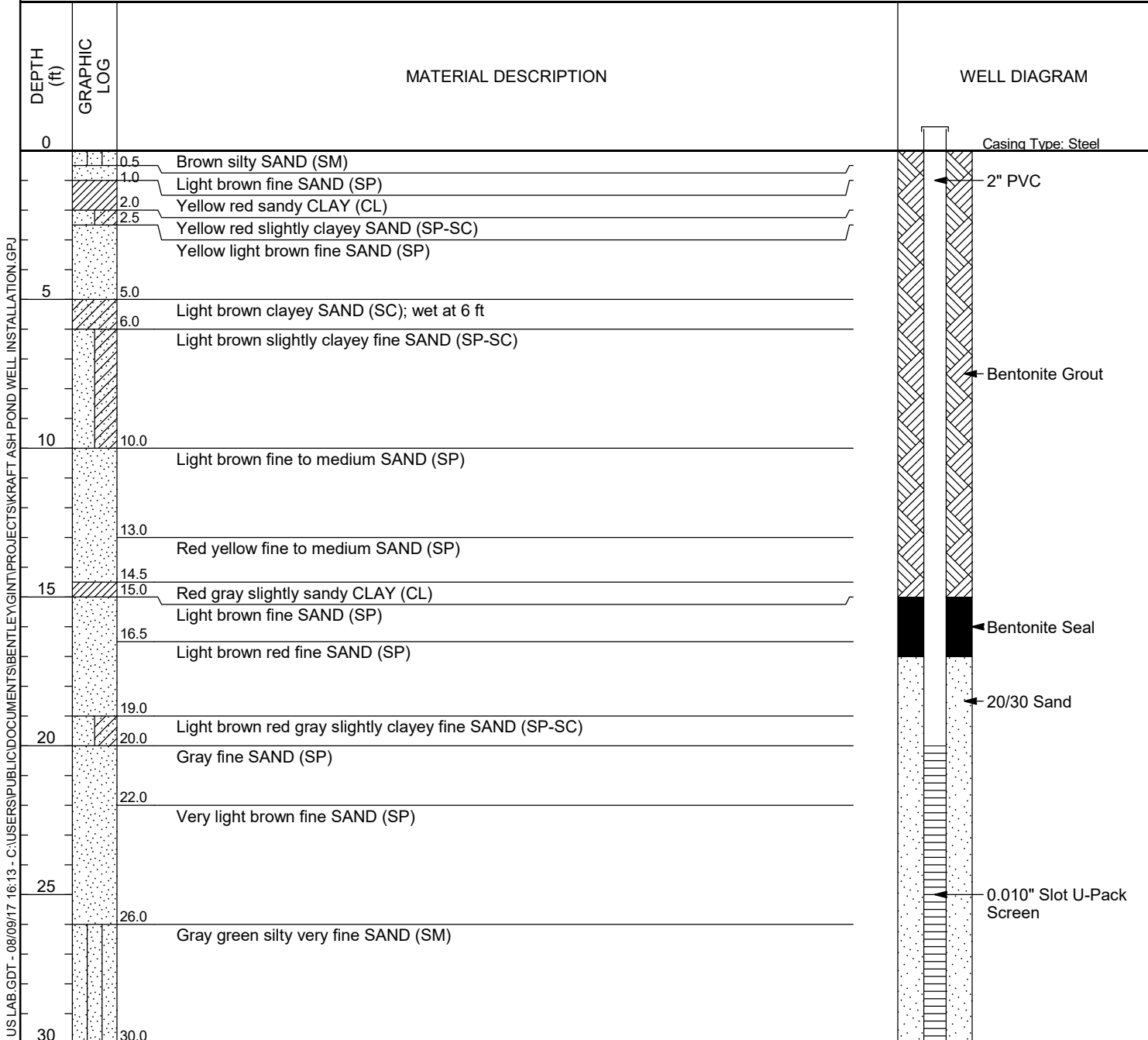
CLIENT Georgia Power Company
PROJECT NUMBER N/A
DATE STARTED 07/30/17 **COMPLETED** 07/30/17
DRILLING CONTRACTOR Cascade Drilling, L.P.
DRILLING METHOD Sonic
LOGGED BY Trent Godwin **CHECKED BY** Michael Patinkin
NOTES _____

PROJECT NAME Plant Kraft
PROJECT LOCATION Port Wentworth, GA
GROUND ELEVATION _____ **HOLE SIZE** 6 inches
GROUND WATER LEVELS:
AT TIME OF DRILLING ---
AT END OF DRILLING ---
AFTER DRILLING ---



SIMPLE WELL - GINT STD US LAB.GDT - 08/09/17 16:13 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\KRAFT ASH POND WELL INSTALLATION.GPJ

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft
PROJECT NUMBER N/A **PROJECT LOCATION** Port Wentworth, GA
DATE STARTED 07/30/17 **COMPLETED** 07/30/17 **GROUND ELEVATION** _____ **HOLE SIZE** 6 inches
DRILLING CONTRACTOR Cascade Drilling, L.P. **GROUND WATER LEVELS:**
DRILLING METHOD Sonic **AT TIME OF DRILLING** ---
LOGGED BY Trent Godwin **CHECKED BY** Michael Patinkin **AT END OF DRILLING** ---
NOTES _____ **AFTER DRILLING** ---



Bottom of borehole at 30.0 feet.

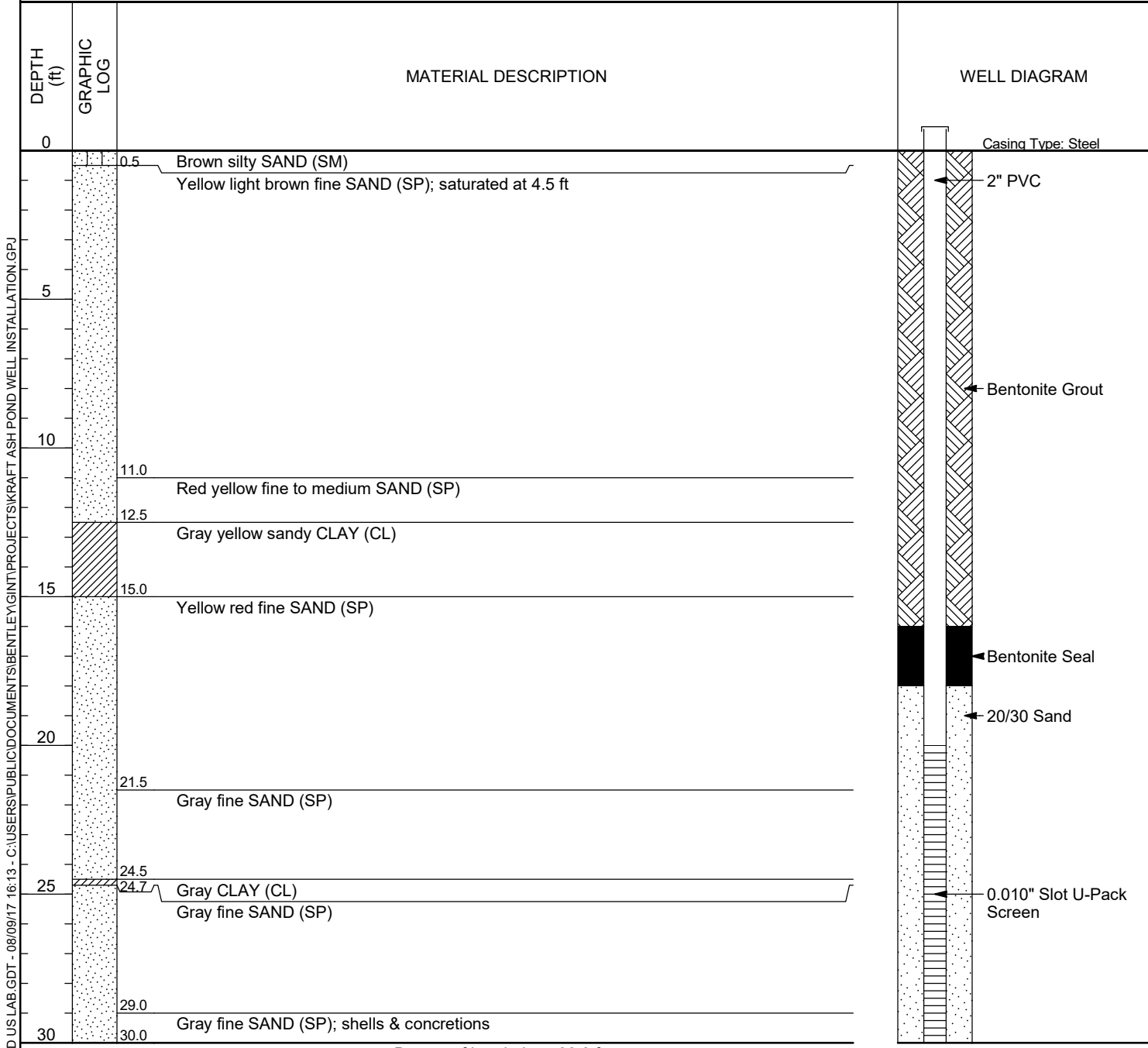
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BORING NUMBER KMW-11

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft
PROJECT NUMBER N/A **PROJECT LOCATION** Port Wentworth, GA
DATE STARTED 07/30/17 **COMPLETED** 07/30/17 **GROUND ELEVATION** _____ **HOLE SIZE** 6 inches
DRILLING CONTRACTOR Cascade Drilling, L.P. **GROUND WATER LEVELS:**
DRILLING METHOD Sonic **AT TIME OF DRILLING** ---
LOGGED BY Trent Godwin **CHECKED BY** Michael Patinkin **AT END OF DRILLING** ---
NOTES _____ **AFTER DRILLING** ---



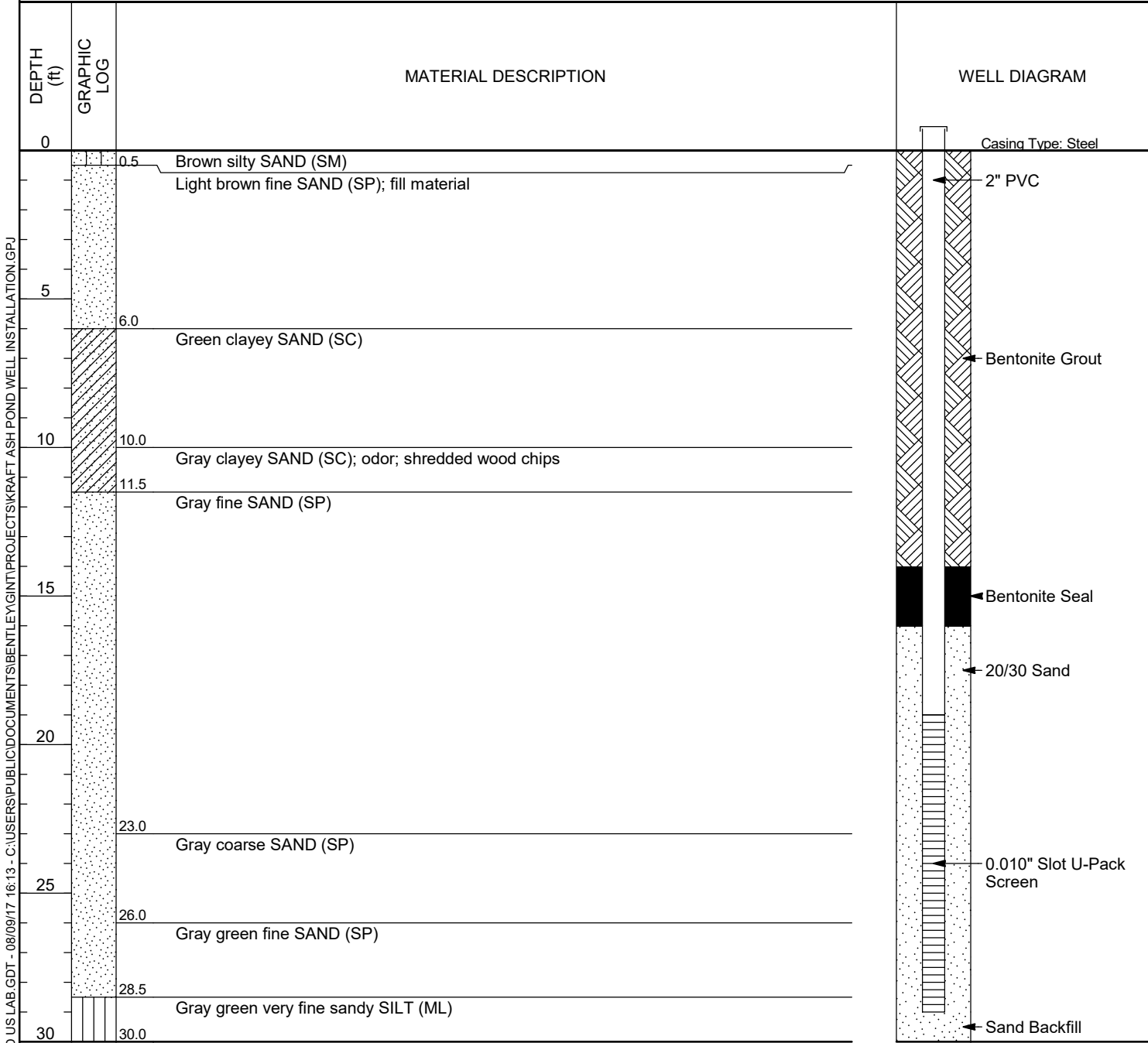
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BORING NUMBER KMW-12

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft
PROJECT NUMBER N/A **PROJECT LOCATION** Port Wentworth, GA
DATE STARTED 08/02/17 **COMPLETED** 08/02/17 **GROUND ELEVATION** _____ **HOLE SIZE** 6 inches
DRILLING CONTRACTOR Cascade Drilling, L.P. **GROUND WATER LEVELS:**
DRILLING METHOD Sonic **AT TIME OF DRILLING** ---
LOGGED BY Trent Godwin **CHECKED BY** Michael Patinkin **AT END OF DRILLING** ---
NOTES _____ **AFTER DRILLING** ---



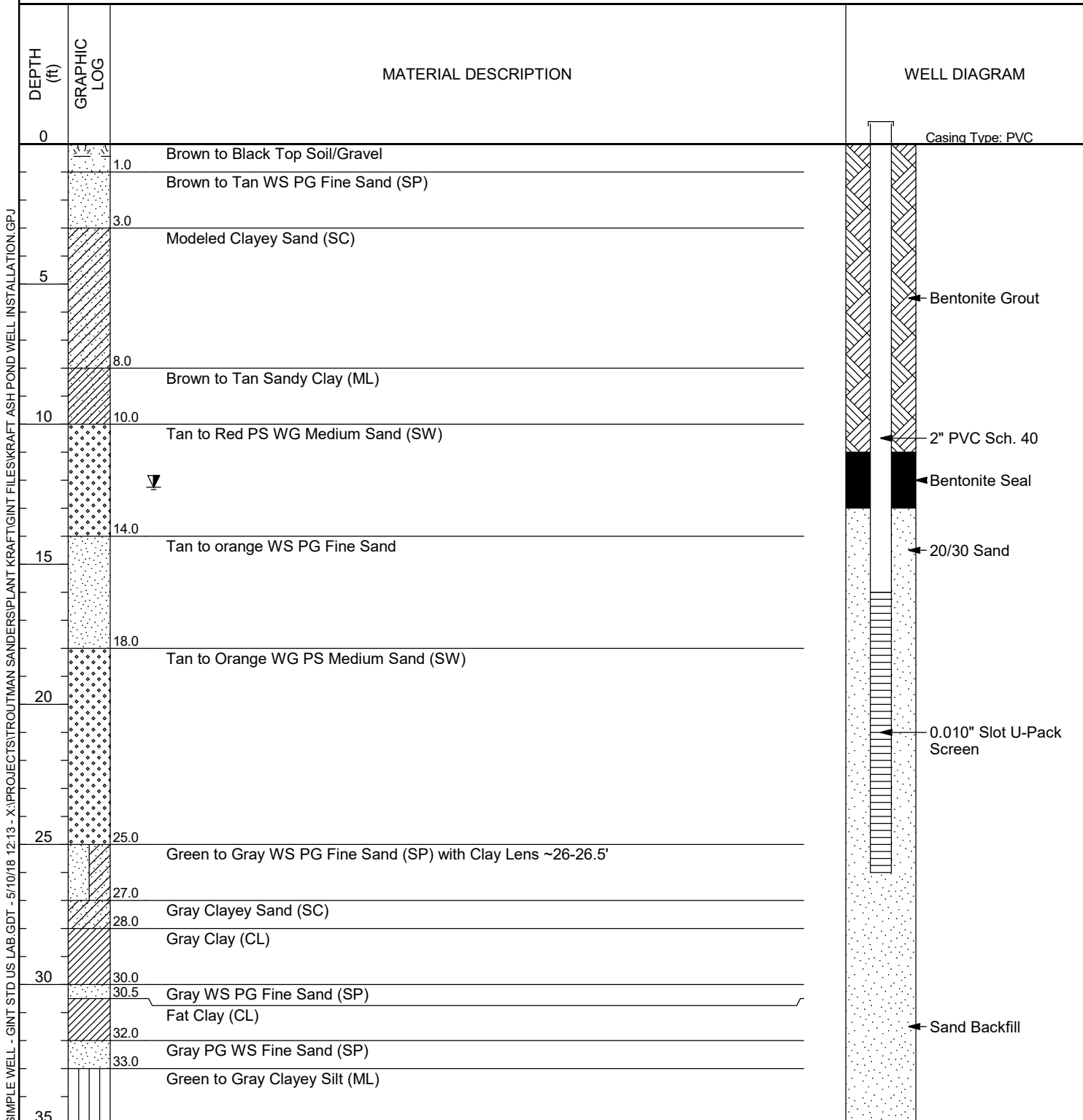
Bottom of borehole at 30.0 feet.

SIMPLE WELL - GINT STD US LAB.GDT - 08/09/17 16:13 - C:\USERS\BENTLEY\GINT\PROJECTS\KRAFT ASH POND WELL INSTALLATION.GPJ



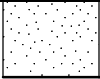
CLIENT Southern Company Services
PROJECT NUMBER N/A
DATE STARTED 2/7/18 **COMPLETED** 2/7/18
DRILLING CONTRACTOR Cascade Drilling, L.P.
DRILLING METHOD Sonic
LOGGED BY Kevin Stephenson **CHECKED BY** Trent Godwin
NOTES _____

PROJECT NAME Plant Kraft
PROJECT LOCATION Port Wentworth, GA
GROUND ELEVATION _____ **HOLE SIZE** 6 inches
GROUND WATER LEVELS:
AT TIME OF DRILLING ---
AT END OF DRILLING ---
▼ AFTER DRILLING 12.25 ft immediately before developing



(Continued Next Page)

CLIENT Southern Company Services PROJECT NAME Plant Kraft
 PROJECT NUMBER N/A PROJECT LOCATION Port Wentworth, GA

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|---------------|----------------|---|---|
| 35 | | Green to Gray Clayey Silt (ML) <i>(continued)</i> |  |
| | 37.0 | Bottom of borehole at 37.0 feet. | |

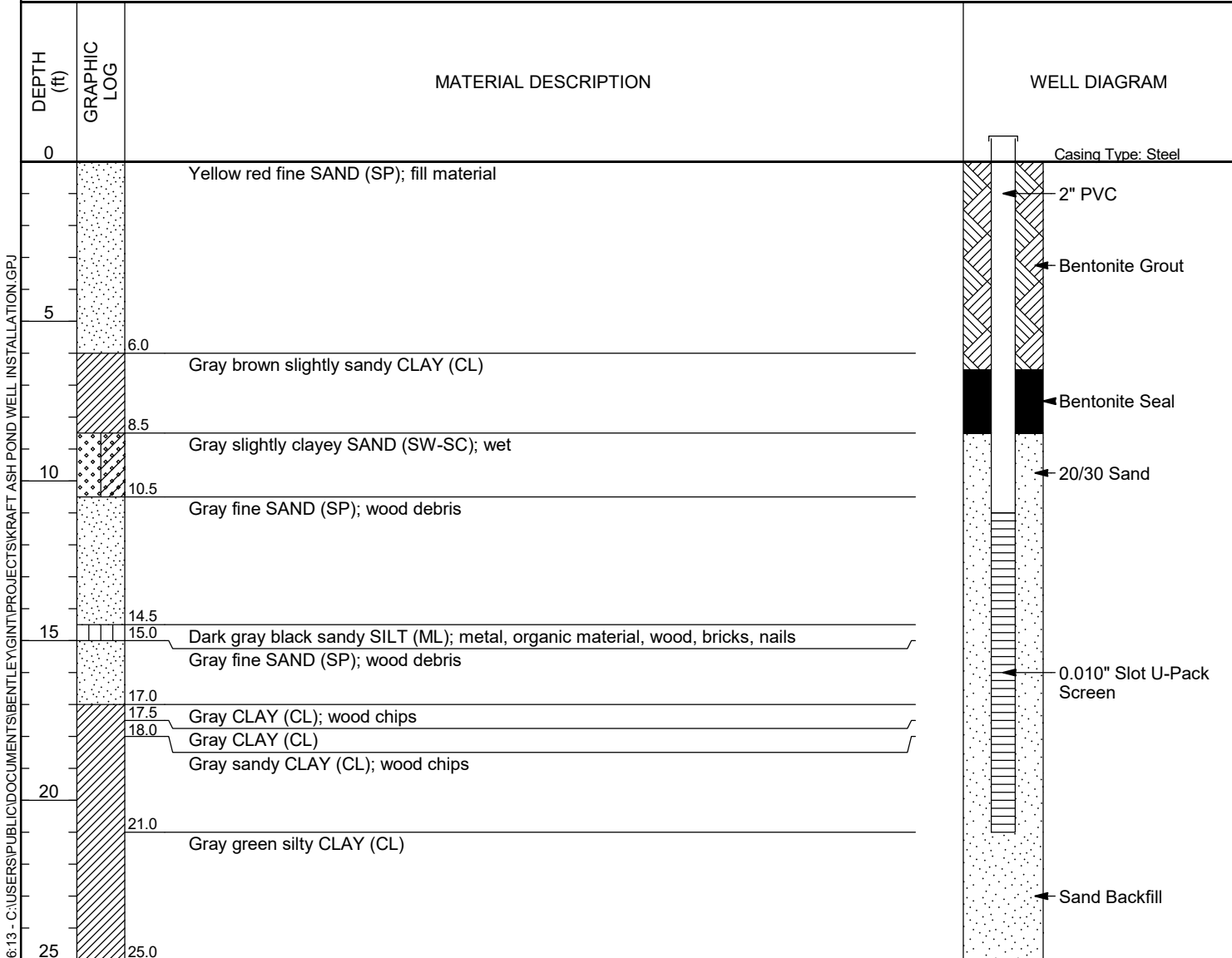
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BORING NUMBER MW-15A(R)

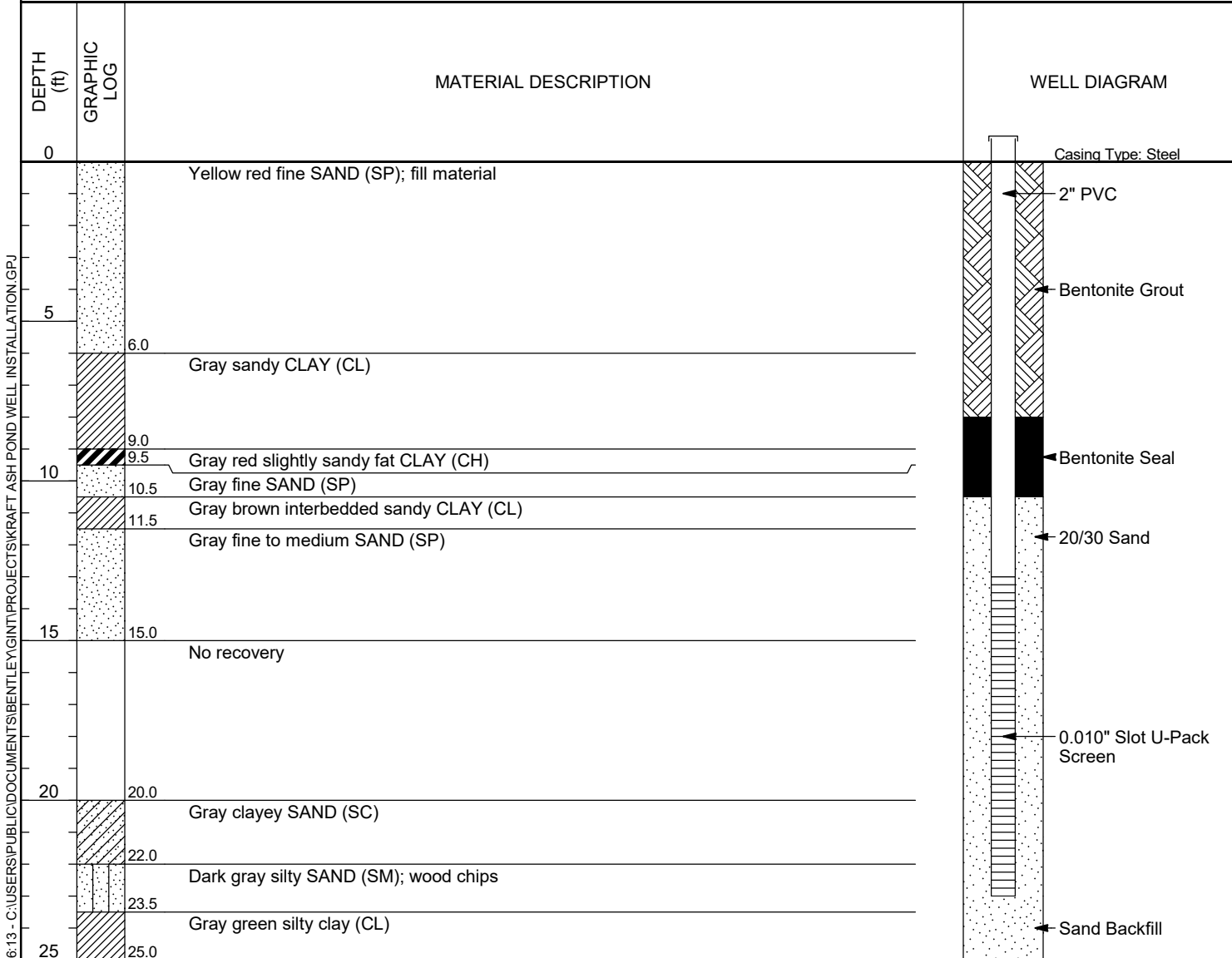
CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft
PROJECT NUMBER N/A **PROJECT LOCATION** Port Wentworth, GA
DATE STARTED 07/31/17 **COMPLETED** 07/31/17 **GROUND ELEVATION** _____ **HOLE SIZE** 6 inches
DRILLING CONTRACTOR Cascade Drilling, L.P. **GROUND WATER LEVELS:**
DRILLING METHOD Sonic **AT TIME OF DRILLING** ---
LOGGED BY Trent Godwin **CHECKED BY** Michael Patinkin **AT END OF DRILLING** ---
NOTES _____ **AFTER DRILLING** ---



Bottom of borehole at 25.0 feet.

SIMPLE WELL - GINT STD US LAB.GDT - 08/09/17 16:13 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\KRAFT ASH POND WELL INSTALLATION.GPJ

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft
PROJECT NUMBER N/A **PROJECT LOCATION** Port Wentworth, GA
DATE STARTED 07/31/17 **COMPLETED** 07/31/17 **GROUND ELEVATION** _____ **HOLE SIZE** 6 inches
DRILLING CONTRACTOR Cascade Drilling, L.P. **GROUND WATER LEVELS:**
DRILLING METHOD Sonic **AT TIME OF DRILLING** ---
LOGGED BY Trent Godwin **CHECKED BY** Michael Patinkin **AT END OF DRILLING** ---
NOTES _____ **AFTER DRILLING** ---



Bottom of borehole at 25.0 feet.

SIMPLE WELL - GINT STD US LAB.GDT - 08/09/17 16:13 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\KRAFT ASH POND WELL INSTALLATION.GPJ

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft

PROJECT NUMBER N/A **PROJECT LOCATION** Port Wentworth, GA

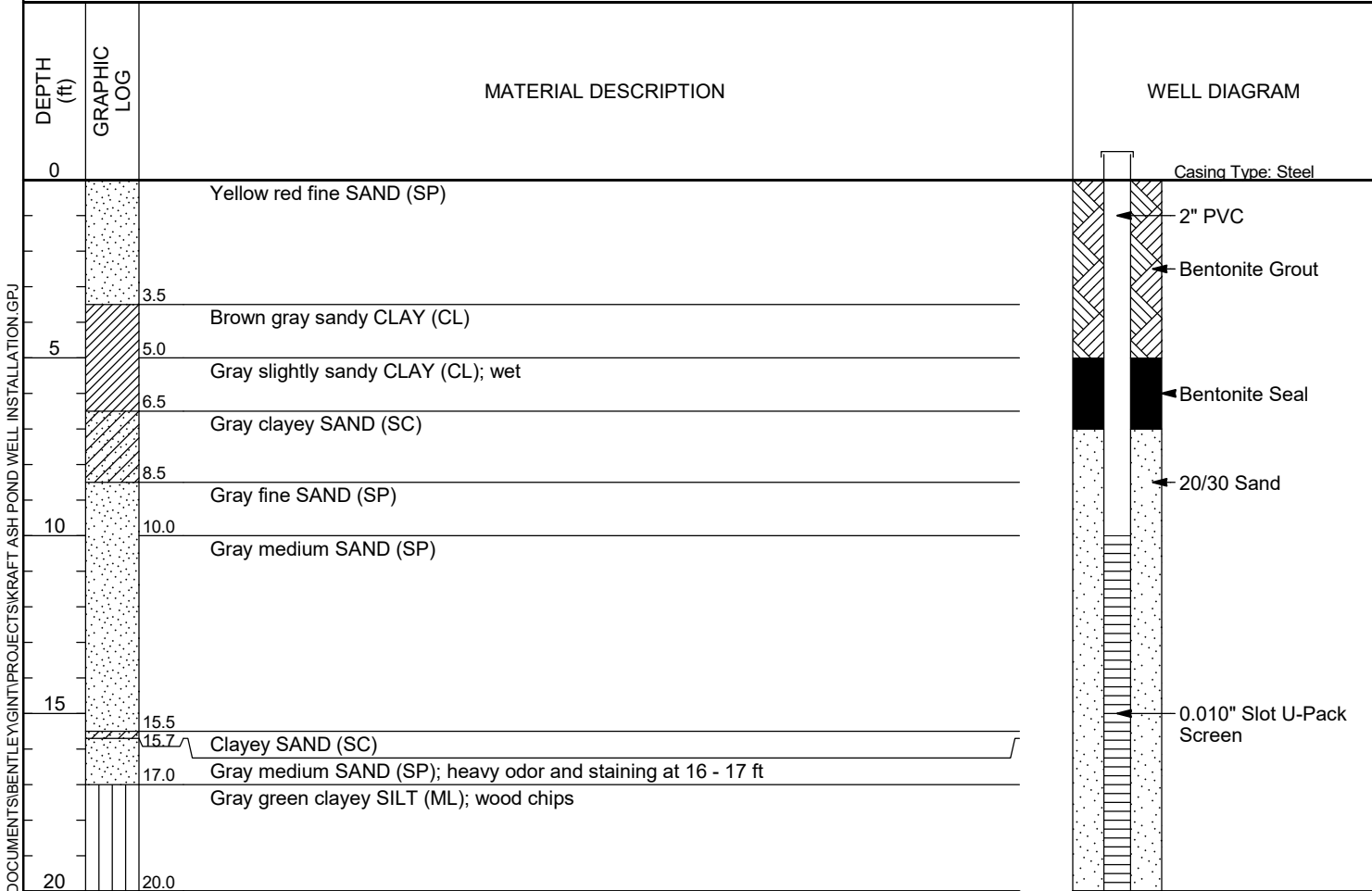
DATE STARTED 07/31/17 **COMPLETED** 07/31/17 **GROUND ELEVATION** _____ **HOLE SIZE** 6 inches

DRILLING CONTRACTOR Cascade Drilling, L.P. **GROUND WATER LEVELS:**

DRILLING METHOD Sonic **AT TIME OF DRILLING** ---

LOGGED BY Trent Godwin **CHECKED BY** Michael Patinkin **AT END OF DRILLING** ---

NOTES _____ **AFTER DRILLING** ---



Bottom of borehole at 20.0 feet.

SIMPLE WELL - GINT STD US LAB.GDT - 08/09/17 16:13 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\KRAFT ASH POND WELL INSTALLATION.GPJ

| BORING LOG: SB-1 | | | | |
|--|---------------|--|--|--|
| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-1 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 730 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | | COMMENTS |
| | | LITHOLOGICAL DESCRIPTION | | |
| 1 | 3.3 | 0 to 0.3 ft BLS - silty well graded GRAVEL with sand (GM); black, white | | PID: 0-1 ft: 2.3 ppm PID: 1-2 ft: 0.5 ppm PID 2-3.3 ft: ppm Samples: SB-1-0-1 GW-1 |
| 2 | | 0.3 to 0.9 ft BLS - Clayey SAND with trace gravel (SC); brown, orange, black | | |
| 3 | | 0.9 to 3.1 ft BLS - poorly graded coarse SAND (SP); white, brown, tan | | |
| 4 | | 3.1 to 3.3 ft BLS - sandy CLAY (CL); grey, brown, orange | | |
| 5 | 3.5 | 4 to 7.1 ft BLS - poorly graded coarse SAND (SP); white, brown, tan | | wet at 5.8 ft BLS |
| 6 | | 7.1 ft BLS - poorly graded coarse SAND (SP); grey | | |
| 7 | | 7.1 to 7.5 ft BLS- poorly graded coarse SAND (SP); white, brown, tan | | |
| 8 | | 8.0 to 9.0 ft - poorly graded coarse SAND (SP); white, brown, tan | | |
| 9 | 4 | 9.0 to 9.1 ft BLS - sandy SILT (ML); dark grey | | |
| 10 | | 9.1 to 10.9 - poorly graded coarse SAND (SP); white, brown, tan | | |
| 11 | | 10.9 to 11.1 - sandy CLAY(CL); dark gray | | |
| | | 11.6 to 11.8 - sandy CLAY (CL); brown, dark gray | | |

BORING LOG: SB-3

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, GA PROJECT NO.: — | |
|--|---------------|--|---|
| | | BORING NO.: SB-3 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplir START TIME: 1345 | |
| | | DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 2.8 | 0 to 0.2 ft - poorly graded very fine SAND with trace gravel (SP); black, white, grey 0.2 to 0.9 ft - SILT (ML); dark black 0.4 ft - large granitic cobble; grey | PID: 0-1 ft: 0.6 ppm PID: 1-2 ft: 1.1 ppm PID 2-2.8 ft: 0.9 ppm No samples collected |
| 2 | | | |
| 3 | | 1.9 to 2.8 ft - poorly graded coarse SAND (SP); brown, tan, white | |
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| 11 | | | |

BORING LOG: SB-4

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, GA PROJECT NO.: — | |
|--|---------------|---|--|
| | | BORING NO.: SB-4 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 16 ft BLS | GROUND EL.: Not Surveyed |
| | | DRILLING CO.: Atlas-Geo Samplir | START TIME: 925 |
| | | DRILLER: Tim Baker and Per | RIG: AMS Power Probe 9500-VTR |
| | | LOGGER: Michael Patinkin | REVIEWER: Trent Godwin |
| | | LITHOLOGICAL DESCRIPTION | |
| | | COMMENTS | |
| 1 | 3 | 0 to 0.6 ft - poorly graded fine SAND with gravel (SP); black, gray | PID: 0-1 ft: 1.2 ppm PID: 1-2 ft: 1.3 ppm PID 2-3 ft: 1.4 ppm Samples: SB-4-2-3 |
| 2 | | 0.6 to 1.2 ft - poorly graded fine gravely SAND (SC); brown, black, organge | |
| 3 | | 1.2 to 3.0 ft - poorly graded coarse SAND (SP); brown, white, orange | |
| 4 | | 1.8 to 2.0 ft - sandy CLAY (CL); brown | |
| 5 | | 2.8 to 3.9 ft - sandy CLAY (CL); brown | |
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| 11 | | | |

BORING LOG: SB-5/12

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-5/12 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1010 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
|---------------------------------------|--|---------------|---|--|
| LITHOLOGICAL DESCRIPTION | | | COMMENTS | |
| 1 | | 3 | 0.0 to 0.5 ft - organic sandy SILT with grass, roots and trace gravel (OL); brown, black 0.5 to 1.0 ft - well graded fine to medium SAND (SW); brown 1.0 to 2.0 ft - silty clayey SAND (SC-SM); dark brown, orange | PID: 0-1 ft: 1.0 ppm PID: 1-2 ft: 0.7 ppm PID 2-3.3 ft: 1.2 ppm Samples: SB-5/12-2-3 GW-5/12 |
| 2 | | | 2.0 to 3.0 ft - poorly graded coarse SAND (SP); tan, white, brown | |
| 3 | | | | |
| 4 | | 1.9 | 4.0 to 5.7 ft - poorly graded coarse SAND (SP); tan, white, brown 5.7 ft - poorly graded coarse SAND (SP); grey 5.8 to 5.9 ft - poorly graded coarse SAND (SP); tan, white, brown | wet at 5.5 ft |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | 3.6 | 8.0 to 11.6 ft - poorly graded coarse SAND (SP); grey 8.9 to 9.1 ft - CLAY (CL) brown 9.2 to 9.4 ft - stiff brittle CLAY (CL); green, gray | |
| 10 | | | | |
| 11 | | | 10.0 to 10.2 ft - fine roots | |

BORING LOG: SB-6

| BORING LOG: SB-6 | | | | |
|--|---------------|---|--|--|
| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-6 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1550 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | | COMMENTS |
| | | LITHOLOGICAL DESCRIPTION | | |
| 1 | 2.9 | 0.0 to 0.3 ft - poorly graded very fine SAND (SP); brown 0.3 to 0.8 ft - poorly graded fine to medium SAND (SP); brown, orange, tan 0.8 to 0.9 ft - soft clay (CH); light grey | | PID: 0-1 ft: 0.1 ppm PID: 1-2 ft: 0.5 ppm PID 2-2.9 ft: 0.5 ppm Samples: SB-6-1-2 |
| 2 | | 0.9 to 1.8 ft - poorly graded fine to medium SAND (SP); brown, orange, tan 1.8 to 2.9 ft poorly graded coarse SAND (SP); white, orange, tan; interbedded with soft clay (CL); light grey, light green; interbedding on a 0.1 ft interval | | |
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| 10 | | | | |
| 11 | | | | |

BORING LOG: SB-7

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, GA | |
|--|---------------|--|--|
| | | PROJECT NO.: — | |
| | | BORING NO.: SB-7 BORING DATE: 12-Nov-2016 | |
| | | METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed | |
| | | DRILLING CO.: Atlas-Geo Samplir START TIME: 1405 | |
| | | DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR | |
| | | LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.4 | 0.0 to 0.3 ft - well graded fine to coarse SAND (SW); grey brown black | PID: 0-1 ft: 0.5 ppm PID: 1-2 ft: 0.9 ppm PID 2-2.9 ft: 0.9 ppm Samples: SB-7-1-2 |
| 2 | | 0.3 to 1.25 ft - silty poorly graded medium to coarse SAND (SM); dark brown, black | |
| 3 | | 1.2 to 3.4 ft - poorly graded medium with trace gravel (SP); tan, white orange | |
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| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB -8

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C | |
|--|---------------|--|--|
| | | PROJECT NO.: — | |
| | | BORING NO.: SB -8 BORING DATE: 12-Nov-2016 | |
| | | METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed | |
| | | DRILLING CO.: Atlas-Geo Samplr START TIME: 1320 | |
| | | DRILLER: Tim Baker and Per RIG: AMS Power | |
| | | LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.3 | 0.0 to 3.3 ft - silty SAND (SM); dark brown, black, gray 0.6 to 0.7 ft - poorly graded medium SAND (SP); tan, orange, brown 1.0 to 1.1 ft - soft CLAY (CL); gray, green | PID: 0-1 ft: 1.3 ppm PID: 1-2 ft: 0.6 ppm PID 2-3.3 ft: 0.9 ppm Samples: SB-8-0-1 GW-8 |
| 2 | | | |
| 3 | | 3.0 to 3.1 ft - clayey SAND (SC); orange, gray, black | wet at 2.2 ft |
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| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-9

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|---|--|
| | | BORING NO.: SB-9 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 915 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3 | 0.0 to 0.5 ft well graded fine to medium silty clayey SAND with poorly graded coarse gravel (SC-SM); gray, brown, tan | PID: 0-1 ft: 0.0 ppm PID: 1-2 ft: 0.8 ppm PID 2-3 ft: 1.0 ppm Samples: SB-9-2-3 GW-9 |
| 2 | | 0.5 to 1.1 ft - poorly graded fine clayey SAND (SC); tan, brown, orange, grey, red | |
| 3 | 3.8 | 1.1 to 1.7 ft - CLAY (CL); light gray, brown | moist at 2.1 ft |
| 4 | | 1.7 to 1.9 ft - CLAY (CL); dark brown | |
| 5 | | 1.9 to 2.1 ft - CLAY (CL); light gray, brown | |
| 6 | 4 | 2.1 to 2.3 - CLAY (CL); dark brown | wet at 4.0 ft saturated at 5.5 ft |
| 7 | | 2.3 to 3.0 ft - poorly graded SAND (SP); tan, orange, white | |
| 8 | 4 | 4.0 to 7.8 ft - poorly graded SAND (SP); tan, orange, white | 7.7 to 7.8 ft - WOOD CHIPS |
| 9 | | 8.0 to 11.9 ft - poorly graded SAND (SP); tan, orange, white | |
| 10 | 4 | 11.9 to 12.0 ft - poorly graded clayey SAND (SP); tan, orange, white | |
| 11 | | | |

BORING LOG: SB-10

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft BORING NO.: SB-10 METHOD: Direct Push Technology TOTAL DEPTH: 4 ft BLS DRILLING CO.: Atlas-Geo Sampling Company DRILLER: Tim Baker and Penny Whitaker LOGGER: Michael Patinkin | LOCATION: Port Wentworth, GA PROJECT NO.: — BORING DATE: 12-Nov-2016 BIT DIA.: 2 & 7/8" GROUND EL.: Not Surveyed START TIME: 11.5 RIG: AMS Power Probe 9500-VTR REVIEWER: Trent Godwin |
|--|---------------|---|---|
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.1 | 0.0 to 0.3 ft - silty TOPSOIL with roots (OL); brown 0.3 to 2.7 ft - silty SAND (SM); dark brown black, gray 0.9 to 1.0 ft - silty CLAY (CL); brown, orange | PID: 0-1 ft: 1.4 ppm PID: 1-2 ft: 0.9 ppm PID 2-2.9 ft: 0.5 ppm Samples: SB-10-0-1 |
| 2 | | 2.7 to 3.4 ft - sandy ASH FILL (ML); dark gray brown, black | |
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| 9 | | | |
| 10 | | | |
| 11 | | | |
| | | Bottom of borehole at 4 feet | |

BORING LOG: SB-11

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, GA PROJECT NO.: — BORING NO.: SB-11 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplir START TIME: 945 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | |
|--|---------------|--|--|
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 2.5 | 0.0 to 0.5 ft - silty fine SAND with gravel (SM); black , brown 0.5 to 2.5 poorly graded medium to coarse SAND (SP); brown, white, black | PID: 0-1 ft: 1.7 ppm PID: 1-2.5 ft: 1.3 ppm Samples: SB-11-0-1 |
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| 10 | | | |
| 11 | | | |

BORING LOG: SB-15-1

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C | |
|--|---------------|--|---|
| | | PROJECT NO.: — | |
| | | BORING NO.: SB-15-1 BORING DATE: 12-Nov-2016 | |
| | | METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed | |
| | | DRILLING CO.: Atlas-Geo Samplr START TIME: 810 | |
| | | DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR | |
| | | LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.4 | 0.1 to 0.8 ft - well graded silty SAND with roots and trace gravel (SM); brown, gray 0.8 to 1.0 ft - poorly graded medium SAND with trace gravel (SP); tan, white, brown 1.0 to 1.7 ft - poorly graded fine silty SAND (SM); tan, white, brown | moist at 1.6 ft wet at 2.7 ft saturated at 3.2 ft |
| 2 | | | |
| 3 | | 1.7 to 3.2 ft - poorly graded coarse SAND (SP); tan, white, brown | |
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| 5 | | | |
| 6 | | | |
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| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-15-2

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|---|---|
| | | BORING NO.: SB-15-2 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 16 ft BLS | GROUND EL.: Not Surveyed |
| | | DRILLING CO.: Atlas-Geo Samplir | START TIME: 810 |
| | | DRILLER: Tim Baker and Per | RIG: AMS Power Probe 9500-VTR |
| | | LOGGER: Michael Patinkin | REVIEWER: Trent Godwin |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.4 | 0.0 to 0.5 ft BLS - well graded medium to coarse silty GRAVEL with sand (GM); brown, black, gray 0.5 to 1.0 ft BLS - poorly graded fine clayey silty SAND (SM-SC); brown, black, orange 1.0 to 1.4 ft BLS - poorly graded fine silty SAND (SM); tan, white, brown | moist at 1.3 ft wet at 2.7 ft saturated at 3.2 ft |
| 2 | | 1.9 to 2.4 ft BLS - SILT (ML); dark gray 2.4 to 3.0 ft BLS - poorly graded fine to medium clayey SAND (SC); tan, brown, orange 3.0 to 3.6 ft BLS - poorly graded very fine silty SAND (SM); tan, brown | |
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| 11 | | | |

BORING LOG: SB-15-2B

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, Ga PROJECT NO.: — BORING NO.: SB-15-2B BORING DATE: 1-Feb-2017 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 4 GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplir START TIME: 1410 DRILLER: Sammy and Josep RIG: Massey Ferguson Tractor LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
|--|--|---------------|---|---|
| | | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | | 2.9 | 0.0 to 0.7 ft - well graded fine to coarse SAND with silt and gravel (SW-SM); gray, brown | |
| 2 | | | 0.7 to 1.4 ft - poorly graded medium to coarse SAND (SP); tan, brown 1.4 to 1.9 ft - SILT (ML); dark gray | Sample: SB-15-2B-1.4-1.9 Moist at 1.0 ft |
| 3 | | | 1.9 to 2.9 ft - poorly graded fine SAND with clay (SP-SC); tan, orange, gray | Wet at 2.0 ft |
| 4 | | | | |
| 5 | | | | |

BORING LOG: SB-15-3

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|--|----------|
| | | BORING NO.: SB-15-3 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 810 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION (ft BLS) | COMMENTS |
| 1 | 3.4 | 0.0 to 1.0 ft - well graded medium to coarse silty GRAVEL with sand (GM); brown, black, gray 1.0 to 1.3 ft - well graded medium to coarse sandy GRAVEL (GM); brown, black, gray | |
| 2 | | 1.3 to 3.5 ft - poorly graded coarse SAND (SP); tan, white, brown 2.2 to 2.4 ft - soft CLAY (CL) 2.4 to 2.5 ft - SILT (ML); dark gray | |
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| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-15-3B

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, Ga PROJECT NO.: — | |
|--|---------------|--|---------------------|
| | | BORING NO.: SB-15-3B BORING DATE: 1-Feb-2017 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 4 GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1355 DRILLER: Sammy and Josep RIG: Massey Ferguson Tractor LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.4 | 0.0 to 1.0 ft - well graded fine to coarse SAND with silt (SW-SM); gray, brown | Sample: SB-15-3-0-4 |
| 2 | | 1.0 to 1.2 ft - SILT (ML); dark gray 1.2 - 2.2 ft - poorly graded medium to coarse SAND (SP); tan, brown, gray | Moist at 1.0 ft |
| 3 | | 2.2 to 2.3 ft - SILT (ML); dark gray 2.3 to 3.4 ft - poorly graded medum to coarse SAND (SP); tan, brown, gray | Wet at 2.0 ft |
| 4 | | | |
| 5 | | | |

BORING LOG: SB-15-4

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-15-4 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 810 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | |
|--|---------------|--|----------|
| | | LITHOLOGICAL DESCRIPTION (ft BLS) | COMMENTS |
| 1 | 3.5 | 0.0 to 0.9 ft - well graded medium to coarse silty gravel with sand (GM); brown, black, gray 0.9 to 1.2 ft - well graded medium to coarse sandy GRAVEL (GM); brown, black, gray 1.3 to 1.5 ft - poorly graded coarse SAND (SP); tan, white, brown | |
| 2 | | 1.8 to 2.1 ft - soft CLAY (CL) 2.1 to 2.7 ft - poorly graded fine to medium clayey SAND (SC); tan, brown, orange 2.7 to 3.5 ft - poorly graded coarse SAND (SP); tan, white, brown | |
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| 10 | | | |
| 11 | | | |

BORING LOG: SB-15-5

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-15-5 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 810 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | | |
|--|---------------|---|--------------------------|--|
| | | LITHOLOGICAL DESCRIPTION | COMMENTS | |
| 1 | 3.6 | 0.0 to 1.0 ft - well graded medium to coarse silty GRAVEL with sand (GM); brown, black, gray 1.0 to 1.6 ft - well graded medium to cobble GRAVEL (GW); white, gray, pink 1.65 to 1.7 ft - SILT (ML); dark grey | boring not planed on map | |
| 2 | | 1.7 to 2.1 ft - poorly graded fine to medium clayey SAND (SC); tan, brown, orange 2.1 to 3.6 ft - poorly graded coarse SAND (SP); tan, white, brown | | |
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| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |

| BORING LOG: SB-16 | | | |
|---------------------------------------|---------------|---|---|
| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-16 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1605 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | |
| | | LITHOLOGICAL DESCRIPTION (ft BLS) | COMMENTS |
| 1 | 3.1 | 0.0 to 1.0 ft - silty TOPSOIL with sand (OL); brown, orange 1.0 to 1.8 ft - sandy CLAY (CL); light brown, orange | PID: 0-1 ft: 0.0 ppm PID: 1-2 ft: 0.0 ppm PID 2-3.1 ft: 0.0 ppm |
| 2 | | | |
| 3 | | 1.8 to 3.2 ft - poorly graded fine to medium SAND (SP); tan, brown, orange | |
| 4 | | | |
| 5 | 3.2 | 4.0 to 4.8 ft - poorly graded coarse SAND (SP); brown, tan, white 4.8 to 5.8 ft - poorly graded coarse SAND (SP); gray | PID: 4-5 ft: 0.1 ppm PID: 5-6 ft: 0.6 ppm Samples; SB-16-5-6 |
| 6 | | | |
| 7 | | 5.8 to 6.2 ft - poorly graded coarse SAND (SP); black 6.2 to 7.2 ft - poorly graded coarse SAND (SP); gray | wet at 6 ft BLS |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-17

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C | |
|--|---------------|--|--|
| | | PROJECT NO.: — | |
| | | BORING NO.: SB-17 BORING DATE: 12-Nov-2016 | |
| | | METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed | |
| | | DRILLING CO.: Atlas-Geo Samplr START TIME: 1530 | |
| | | DRILLER: Tim Baker and Per RIG: AMS Power | |
| | | LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3 | 0.0 to 0.4 ft - poorly graded fine SAND with gravel (SP); black, gray | PID: 0-1 ft: 1.2 ppm PID: 1-2 ft: 1.6 ppm PID 2-3 ft: 0.4 ppm Samples: SB-17-0-2 GW-17 |
| 2 | | 0.4 to 0.9 ft - cobbled sized GRAVEL with sand (GW); gray, white, black | |
| 3 | | 0.9 to 1.1 ft - poorly graded fine to medium SAND with silt (SP-SM): brown, orange, black | |
| 4 | | 1.1 to 3.0 ft - poorly graded medium to coarse SAND (SP); orange, tan, brown | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-18

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-18 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1100 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
|---------------------------------------|--|---------------|---|---|
| LITHOLOGICAL DESCRIPTION (ft BLS) | | | COMMENTS | |
| 1 | | 2.8 | 0.0 to 0.3 ft - silty sandy well graded medium to coarse GRAVEL (GM); gray, brown 0.3 to 0.5 ft - poorly graded very fine SAND (SP); orange, white 0.5 to 0.6 ft - poorly graded coarse GRAVEL(GW); black, brown | PID: 0-1 ft: 0.0 ppm PID: 1-2 ft: 0.0 ppm PID 2-2.8 ft: 0.0 ppm Samples: |
| 2 | | | 0.6 to 1.1 - poorly graded medium SAND (SP); brown, orange, gray 1.1 to 2.8 ft - poorly graded medium to coarse SAND with clay (SP-SC); gray, brown, tan 1.9 to 2.0 gravel cobble (GP) | moist at 2.5 ft |
| 3 | | | | |
| 4 | | | | |
| 5 | | 2.5 | 4.0 to 6.5 ft - poorly graded medium to coarse SAND (SP); gray, brown, white | wet at 5.0 ft saturated at 5.5 ft |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | 2.7 | 8.0 to 10.7 ft - poorly graded coarse SAND (SP); gray, black, white 9.9 to 10 ft - silty CLAY (CL); dark brown, black, 10.6 to 10.7 ft- silty CLAY (CL); dark brown, black, | |
| 10 | | | | |
| 11 | | | | |

BORING LOG: SB-18 (Temporary Well)

| DEPTH (FEET BELOW GROUND SURFACE (BGS)) | WELL CONSTRUCTION DIAGRAM | SITE: Plant Kraft LOCATION: Port Wentworth, GA PROJECT NO.: — BORING NO.: SB-18 (Temporary) BORING DATE: 8-Dec-2016 METHOD: Auger BIT DIA.: 4" TOTAL DEPTH: 20 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Sampli START TIME: 1016 DRILLER: Tim Baker and Pe Rig AMS Power Probe 9500-VTR LOGGER: Forrest Howard REVIEWER: Stephen Wilson | |
|---|---|---|--|
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 5 | [Well Construction Diagram: 0-5 ft Bentonite chips, 5-10 ft Grout, 10-20 ft Screen] | | |
| 10 | | 8 ft BLS - Slightly clayey fine sand (SP); gray | description started at 8 ft. BGS. Above soil already described in earlier DPT drilling |
| 15 | | 12 ft BLS - Slightly clayey fine to medium sand (SP); gray | |
| 20 | | 16 - 20 ft BLS - Fine to coarse well graded sand (SW); gray | |
| 25 | | DPT boring terminated @ 20.0 ft HSA boring terminated / bottom of well @ 2.00 ft top of screen @ 10.0 ft sand to 8.0 ft bentonite chips to 5.0 ft grout to surface | |
| 30 | | | |
| 35 | | | |

| BORING LOG: SB-19 | | | |
|--|---------------|--|--|
| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-19 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1555 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | |
| | | LITHOLOGICAL DESCRIPTION (ft BLS) | COMMENTS |
| 1 | 2.3 | 0.0 to 0.5 - poorly graded silty fine SAND with grass and roots (SM); brown | PID: 0-1 ft: 2.0 ppm PID: 1-2 ft: 2.6 ppm PID 2-2.9 ft: ppm Samples: SB-19-1-2.3 GW-19 |
| 2 | | | |
| 3 | | 0.5 to 2.3 ft - well graded fine to medium SAND with trace gravel(SW); brown | |
| 4 | | | |
| 5 | 2.7 | 4.0 to 4.6 ft - granitic poorly graded GRAVEL (GP); grey, black, white 4.6 to 6.7 ft - poorly graded coarse SAND (SP); brown, tan, white | PID 4-5.3 ft: 1.8 ppm PID 5.3-6.7 ft: 1.8 ppm wet at 5.7 ft |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | 3.5 | 8.0 to 9.5 ft - poorly graded coarse SAND (SP); brown, tan, white, gray 9.5 to 9.8 ft - fat CLAY (CH); brown, gray 9.8 to 10.2 ft - poorly graded coarse SAND (SP); brown, tan, white | |
| 10 | | | |
| 11 | | 10.3 ft - sandy SILT (ML); black, gray 10.3 to 11.5 ft - fat CLAY (CH); brown, gray | |

BORING LOG: SB-21

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, GA PROJECT NO.: — BORING NO.: SB-21 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplir START TIME: 845 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | |
|--|---------------|--|--|
| | | LITHOLOGICAL DESCRIPTION (ft BLS) | COMMENTS |
| 1 | 3 | 0.0 to 0.7 ft - well graded medium to coarse silty GRAVEL with sand (GM); brown, black, gray 0.7 to 1.0 ft - well graded fine to medium SAND (SP); tan, white, gray 1.0 to 1.2 ft - SILT (ML); dark grey 1.2 to 1.8 ft - poorly graded fine to medium clayey SAND | PID: 0-1 ft: 1.0 ppm PID: 1-2 ft: 1.4 ppm PID 2-3 ft: 1.7 ppm |
| 2 | | 1.8 to 2.1 ft - poorly graded midum to coarse SAND (SP); white, orange 2.1 to 2.5 - poorly graded midum to coarse SAND with gravel (SP-SC); gray, brown, tan 2.5 to 3.0 ft - poorly graded midum to coarse SAND (SP); white, orange | PID 2-3 ft: 1.7 ppm PID 4-5 ft: 0.8 ppm Samples: SB-21-2-3 GW-21 moist at 2.9 ft |
| 3 | | | |
| 4 | | | |
| 5 | 3.9 | 4.0 to 7.9 ft - poorly graded SAND (SP); white, tan, orange | wet at 4.5 ft |
| 6 | | | |
| 7 | | | saturated at 6.0 ft |
| 8 | | | |
| 9 | 4 | 8.0 to 8.4 ft - silty SAND (SM); brown gray 8.4 to 10.3 ft - poorly graded SAND (SP); gray, brown 10.3 to 10.7 ft - well graded fine to medium silty SAND (SM); gray, dark brown | |
| 10 | | | |
| 11 | | 10.7 to 12.0 ft - soft silty CLAY (CL); brown, gray | |

BORING LOG: SB-26

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | LITHOLOGICAL DESCRIPTION (ft BLS) | COMMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--|---|-------|-------------|-----------|-------------------|--|--|--------------|---|-------------|-------|--------------|-------------|---------|-------------------|-----------|----------|--------------|-----------|-------------|--------------|---------------|------------------|-------------|------|----------|-------------------|------|-----------------------------|---------|------------------|-----------|--------------|
| <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">SITE:</td> <td style="width: 20%;">Plant Kraft</td> <td style="width: 20%;">LOCATION:</td> <td style="width: 30%;">Port Wentworth, C</td> </tr> <tr> <td></td> <td></td> <td>PROJECT NO.:</td> <td>—</td> </tr> <tr> <td>BORING NO.:</td> <td>SB-26</td> <td>BORING DATE:</td> <td>12-Nov-2016</td> </tr> <tr> <td>METHOD:</td> <td>Direct Push Techn</td> <td>BIT DIA.:</td> <td>2 & 7/8"</td> </tr> <tr> <td>TOTAL DEPTH:</td> <td>16 ft BLS</td> <td>GROUND EL.:</td> <td>Not Surveyed</td> </tr> <tr> <td>DRILLING CO.:</td> <td>Atlas-Geo Samplr</td> <td>START TIME:</td> <td>1650</td> </tr> <tr> <td>DRILLER:</td> <td>Tim Baker and Per</td> <td>RIG:</td> <td>AMS Power Probe 9500-VTR</td> </tr> <tr> <td>LOGGER:</td> <td>Michael Patinkin</td> <td>REVIEWER:</td> <td>Trent Godwin</td> </tr> </table> | | | | SITE: | Plant Kraft | LOCATION: | Port Wentworth, C | | | PROJECT NO.: | — | BORING NO.: | SB-26 | BORING DATE: | 12-Nov-2016 | METHOD: | Direct Push Techn | BIT DIA.: | 2 & 7/8" | TOTAL DEPTH: | 16 ft BLS | GROUND EL.: | Not Surveyed | DRILLING CO.: | Atlas-Geo Samplr | START TIME: | 1650 | DRILLER: | Tim Baker and Per | RIG: | AMS Power Probe 9500-VTR | LOGGER: | Michael Patinkin | REVIEWER: | Trent Godwin |
| SITE: | Plant Kraft | LOCATION: | Port Wentworth, C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | PROJECT NO.: | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BORING NO.: | SB-26 | BORING DATE: | 12-Nov-2016 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| METHOD: | Direct Push Techn | BIT DIA.: | 2 & 7/8" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL DEPTH: | 16 ft BLS | GROUND EL.: | Not Surveyed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRILLING CO.: | Atlas-Geo Samplr | START TIME: | 1650 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRILLER: | Tim Baker and Per | RIG: | AMS Power Probe 9500-VTR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOGGER: | Michael Patinkin | REVIEWER: | Trent Godwin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 3.1 | 0.0 to 1.2 ft - poorly graded silty fine SAND (SM); brown 1.2 to 1.8 ft - poorly graded silty fine SAND (SM); dark brown | PID: 0-1 ft: 0.5 ppm PID: 1-2 ft: 1.0 ppm PID 2-2.9 ft: 0.7 ppm Samples: SB-26-1-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | 1.8 to 2.1 ft - silty CLAY (CL); dark grey 2.1 to 3.1 ft - poorly graded mudium SAND with clay (SP-SC); orange, gray, brown | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

BORING LOG: SB-27

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|---|--|
| | | BORING NO.: SB-27 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1355 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION (ft BLS) | COMMENTS |
| 1 | 3.7 | 0.0 to 1.7 ft - sandy well graded GRAVEL with silt (GW-GM); black, gray, white 1.7 to 2.3 ft - poorly graded SAND (SP); gray, orange, white, tan | PID: 0-1.2 ft: 2.4 ppm PID: 1.2-2.4 ft: 2.1 ppm PID: 2.4-3.7 ft: 3.1 ppm Samples: |
| 2 | | | |
| 3 | | 2.7 to 3.2 ft - stiff clayey SAND (SC); gray, brown, orange 3.2 to 3.7 ft - poorly graded fine sand (SP); tan | moist at 2.3 ft wet at 3.4 ft |
| 4 | | | |
| 5 | 4 | 4.0 to 5.0 ft - - poorly graded fine sand (SP); tan 5.0 to 5.6 ft - poorly graded fine sand (SP); gray, tan 5.6 to 6.0 ft - poorly graded fine sand (SP); gray | PID: 4-5 ft: 0.8 ppm saturated: 4.5 ft |
| 6 | | | |
| 7 | | 6.0 to 7.3 ft - poorly graded sand with gravel (SP); black, dark grey 7.3 to 8.0 - poorly graded fine sand (SP); gray | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-29-1

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, Ga | |
|--|---------------|--|-----------|
| | | PROJECT NO.: — | |
| | | BORING NO.: SB-29-1 BORING DATE: 1-Feb-2017 | |
| | | METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 4 GROUND EL.: Not Surveyed | |
| | | DRILLING CO.: Atlas-Geo Samplr START TIME: 1520 | |
| | | DRILLER: Sammy and Josep RIG: Massey Ferguson Tractor | |
| | | LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.4 | 0.0 to 0.8 ft - medium to coarse GRAVEL with sand (GW); black, gray, white 0.8 to 1.0 ft - poorly graded fine to medium silty SAND (SM); black, brown | No Sample |
| 2 | | 1.0 to 1.8 ft - poorly graded fine to medum clayey SAND (SC); brown, tan 1.8 to 2.2 ft - fat CLAY (SP); white, tan | |
| 3 | | 2.2 to 3.4 ft - poorly graded coarse SAND (SP); white, tan | |
| 4 | | | |
| 5 | | | |

| BORING LOG: SB-29-2 | | | | |
|--|---------------|---|---|------------|
| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, Ga | | |
| | | PROJECT NO.: — | | |
| | | BORING NO.: SB-29-2 | BORING DATE: 1-Feb-2017 | |
| | | METHOD: Direct Push Techn | BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 4 | GROUND EL.: Not Surveyed | |
| | | DRILLING CO.: Atlas-Geo Samplr | START TIME: 1535 | |
| | | DRILLER: Sammy and Josep | RIG: Massey Ferguson Tractor | |
| | | LOGGER: Michael Patinkin | REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | | |
| | | COMMENTS | | |
| 1 | 3.6 | 0.0 to 0.8 ft - medium to coarse GRAVEL with sand (GW); black, gray, white 0.8 to 1.3 ft - poorly graded fine clayey SAND with silt (SC- SM); orange, brown, red | | No Samples |
| 2 | | 1.3 to 2.0 ft - poorly graded very fine SAND (SP); tan, brown, black 2.0 to 3.6 ft - poorly graded coarse SAND (SP); white, tan, orange | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |

BORING LOG: SB-29-3

| DEPTH (FEET BELOW LAND SURFACE [BLS]) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, G PROJECT NO.: — BORING NO.: SB-29-3 BORING DATE: 1-Feb-2017 METHOD: Direct Push Tech BIT DIA.: 2 & 7/8" TOTAL DEPTH: 4 GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Sampli START TIME: 1000 DRILLER: Sammy and Jose RIG: Massey Ferguson TRACTOR: Tractor LOGGER: Michael Patinkin REVIEWER: Trent Godwin | | COMMENTS |
|--|---------------|--|--|------------|
| | | LITHOLOGICAL DESCRIPTION | | |
| 1 | 3.5 | 0.0 to 1.0 ft - medium to coarse GRAVEL with sand (GW); black, gray, brown | | No Samples |
| 2 | | 1.0 to 1.4 ft - poorly graded fine clayey SAND with silt (SC-SM); orange, brown 1.4 to 2.2 ft - poorly graded coarse SAND (SP); tan, orange | | |
| 3 | | 2.2 to 2.7 ft - alternating sequence of above layer and fat CLAY (CH); brown, gray | | |
| 4 | | | | |
| 5 | | | | |

BORING LOG: SB-31-1

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-31-1 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 850 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | | COMMENTS |
|--|---------------|---|--|--|
| | | LITHOLOGICAL DESCRIPTION | | |
| 1 | 3 | 0.0 to 0.1 ft - fine to medium SAND with gravel (SW); light gray with green | | PID: 0-1 ft: 0.5 ppm PID: 1-2 ft: 0.7 ppm PID 2-3 ft: 0.6 ppm Samples: SB-31-1-1-2 GW-31-1 |
| 2 | | 0.1 to 2.9 ft - poorly graded coarse SAND (SP); white, brown, tan 2.3 to 2.4 ft - sandy CLAY (CL); brown 2.8 to 2.9 - sandy CLAY (CL); black | | |
| 3 | | | | |
| 4 | | | | |
| 5 | 2.8 | 4.0 to 6.8 ft - poorly graded coarse SAND (SP); white, brown, tan | | wet at 4.9 |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | 0 | no recovery | | |
| 10 | | | | |
| 11 | | | | |

BORING LOG: SB-31-2

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-31-2 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 815 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | | COMMENTS |
|--|---------------|---|--|--|
| | | LITHOLOGICAL DESCRIPTION | | |
| 1 | 3.3 | 0.0 to 0.3 ft - poorly graded fine silty SAND with gravel (ML); brown 0.3 to 3.3 ft - poorly graded coarse SAND (SP); white, brown | | PID: 0-1 ft: 0.3 ppm PID: 1-2 ft: 0.6 ppm PID 2-3.3 ft: 0.1 ppm Samples: SB-31-2-1-2 GW-31-2 |
| 2 | | 2.5 ft - clayey SILT (ML); brown 3.1 ft - clayey SILT (ML); brown | | |
| 3 | | | | |
| 4 | | | | |
| 5 | 1.5 | 4.0 to 5.5 ft - poorly graded coarse SAND (SP); white, brown 4.4 ft - sandy CLAY (CL); brown | | wet at 5 ft |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | 0.7 | 8.0 to 8.7 ft - poorly graded coarse SAND (SP); light gray | | |
| 10 | | | | |
| 11 | | | | |

BORING LOG: SB-36-1

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|---|--|
| | | BORING NO.: SB-36-1 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1500 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.5 | 0.0 to 1.0 ft - well graded sandy TOPSOIL fine to medium grained (SW-SM); brown, tan, gray | PID: 0-1 ft: ppm PID: 1-2 ft: ppm PID 2-2.9 ft: ppm Samples:SB-36-1, SB-Dup-1 |
| 2 | | | |
| 3 | | 1.0 to 3.5 ft - poorly graded fine to medium clayey SAND (SC); black, brown, orange, grey, tan | moist at 2 ft |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-36-2

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-36-2 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1525 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | | COMMENTS |
|--|---------------|--|--|---|
| | | LITHOLOGICAL DESCRIPTION | | |
| 1 | 2.5 | 0.0 to 1.0 ft - silty TOPSOIL (OL); black, gray, brown 1.0 to 1.6 ft - well graded sandy GRAVEL (GW); brown, gray | | |
| 2 | | 1.6 to 2.5 ft - slightly sandy soft CLAY (CL); brown, gray, orange | | moist at 2.0 ft Samples: SB-36-3-1.5-4.5 SB Dup-2, GW-36-2, GW-Dup-2 |
| 3 | | 4.0 to 4.5 ft - slightly sandy soft CLAY (CL); brown, gray, orange 4.5 to 4.8 ft - silty CLAY (CL); brown, gray, green 4.8 to 5.2 ft - well graded fine to medium silty SAND (SC); gray, tan, white | | wet at 4 ft saturated at 5.5 ft |
| 4 | 4 | 5.2 to 6.5 ft - poorly graded meduim to coarse clayey SAND (SC); gray, brown, black 6.5 to 8.0 ft - poorly graded SAND (SP); black, brown | | |
| 5 | | 8.0 to 12.0 ft - solid clay (CL); green 8.7 to 8.0 ft, 9.6 to 9.7 ft, 9.9 to 10.1 ft, 10.8 to 11.0 ft, 11.6 to 11.7 ft - soft clay (CL); dark brown | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |

BORING LOG: SB-36-3

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|---|--------------------------|
| | | BORING NO.: SB-36-3 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1600 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.6 | 0.0 to 1.1 ft - silty TOPSOIL with will graded gravel and grass roots (OL); black, gray, brown | Samples: SB-36-3-2.6-3.6 |
| 2 | | | |
| 3 | | 1.1 to 3.6 ft - SILT with sand (ML); dark brown, black, orange | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-36-4

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C | |
|--|---------------|--|---|
| | | PROJECT NO.: — | |
| | | BORING NO.: SB-36-4 BORING DATE: 12-Nov-2016 | |
| | | METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed | |
| | | DRILLING CO.: Atlas-Geo Samplir START TIME: 1630 | |
| | | DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR | |
| | | LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.1 | 0.0 to 0.5 ft - silty TOPSOIL with gravel (OL); dark black 0.5 - 1.0 ft - silty SAND with poorly graded fine to medium gravel (SM); dark brown, red | Samples: SB-36-0-1, GW-36-4 moist at 0.5 ft wet at 1.0 ft |
| 2 | | | |
| 3 | | 1.0 to 3.1 ft - poolry graded silty SAND (SM); dark red, black 1.7 to 1.9 ft - COBBLE | saturated at 1.8 ft |
| 4 | | | |
| 5 | 2.3 | 4.0 to 6.3 ft - soft silty CLAY with sand (CL); dark gray | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | 3.1 | 8.0 to 10.1 ft - soft silty CLAY with sand (CL); dark gray 10.1 to 10.6 ft - poorly graded coarse SAND (SP); black, gray | |
| 10 | | | |
| 11 | | 10.6 to 10.9 ft - clayey SILT with organic chips (sm); 10.9 to 11.1 ft - poorly graded coarse SAND (SP); black, gray | |

BORING LOG: SB-36-5

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-36-5 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1330 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | | COMMENTS |
|--|---------------|--|--|-----------------------------------|
| | | LITHOLOGICAL DESCRIPTION | | |
| 1 | 3.5 | 0.0 to 0.5 ft - sandy well graded GRAVEL with silt (GW-GM); black, gray, white | | Samples: SB-36-5-2-3.5 GW-36-5 |
| 2 | | 0.5 to 3.5 ft - poorly graded fine to medium clayey SAND (SC); black, brown, orange, grey, tan | | |
| 3 | | | | |
| 4 | | | | |
| 5 | 4 | 4.0 to 5.1 ft - poorly graded fine SAND (SP); tan, brown 5.1 to 6.1 ft - CLAY with poorly graded medium to coarse sand with gravel (CL); gray, brown, green | | wet at 4.0 ft |
| 6 | | | | |
| 7 | | 6.1 to 8.0 ft - poorly graded SAND (SP); gray | | saturated at 6.2 ft |
| 8 | | | | |
| 9 | 4 | 8.0 to 12 ft - poorly graded SAND (SP); gray | | |
| 10 | | | | |
| 11 | | 10.2 to 10.4 ft - CLAY (CL); gray | | |

BORING LOG: SB-36-6

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|---|---|
| | | BORING NO.: SB-36-6 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1430 | |
| | | DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.5 | 0.0 to 0.9 ft - silty TOPSOIL with grass roots (OL); black, grey, brown | moist at 1.6 ft Samples: SB-36-6-2-3.5 |
| 2 | | 0.9 to 1.6 ft - poorly graded fine to medium clayey SAND (SC); black, brown, orange, grey, tan | |
| 3 | 4 | 1.6 - 2.3 ft - well graded fine to medium SAND (SP); tan, brown, orange | wet at 3.2 ft |
| 4 | | 2.3 to 3.2 ft - poorly graded fine silty clayey SAND (SC-SM); dark brown, black | |
| 5 | | 3.2 to 3.5 ft - poorly graded coarse SAND (SP); tan, orange | |
| 6 | 4 | 4.0 to to 4.8 ft - poorly graded coarse SAND (SP); tan, orange | saturated at 4.8 ft |
| 7 | | 4.8 to 6.7 ft - poorly graded coarse SAND (SP); tan, gray | |
| 8 | | 6.5 to 6.7 ft - poorly graded sandy clay (CH); gray | |
| 9 | | 6.7 to 8.0 ft - poorly graded coarse SAND (SP); tan, gray | |
| 10 | | 8.0 to 12.0 ft - poorly graded coarse SAND (SP); tan, gray | |
| 11 | | 8.5 to 8.6 ft - silty CLAY (CL); gray, black | |

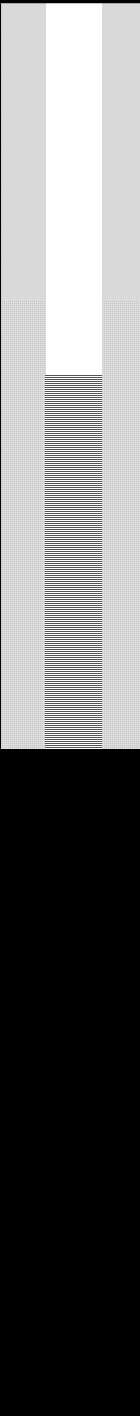
BORING LOG: SB-36-9

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|---|--|
| | | BORING NO.: SB-36-9 BORING DATE: 14-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1655 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.7 | 0.0 to 0.7 ft - well graded fine to medium silty SAND with gravel (SM); gray, tan, brown 0.7 to 1.4 ft - poorly graded fine SAND (SP); dark red, brown, orange | Samples: SB-36-9-0-1 wet at 1.0 ft saturated at 1.8 ft |
| 2 | | 1.4 to 2.2 ft - poorly graded fine to medium SAND (SP); dark gray, tan 2.2 to 2.4 ft - sandy SILT with gravel (ML); dark black | |
| 3 | | 2.4 to 2.7 ft - poorly graded fine to medium SAND (SP); dark gray, tan 2.7 to 3.2 ft - sandy CLAY (CL); dark gray 3.2 to 3.7 ft - soft silty CLAY (CL); brown, black, gray | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-36-14

| | | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-36-14 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 730 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | | |
|---------------------------------------|---------------|---|--|--|
| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | LITHOLOGICAL DESCRIPTION | COMMENTS | |
| 1 | 2.8 | 0.0 to 0.8 ft - well graded silty SAND with roots and trace gravel (SM); brown, gray | Samples: SB-36-14-0-1.5 GW-36-14 moist at 1.3 ft | |
| 2 | | 0.8 to 1.2 ft - poorly graded medium SAND with trace gravel (SP); tan, white, brown | | |
| 3 | | 1.2 to 2.0 ft - poorly graded fine silty SAND (SM); brown, tan, gray | wet at 4 ft | |
| 4 | | 2.0 to 2.8 ft - poorly graded medium SAND (SP); tan, white, brown | | |
| 5 | 3.8 | 4.0 to 6.3 ft - poorly graded coarse SAND (SP); tan, white, brown | saturated at 5.8 ft | |
| 6 | | 6.3 ft to 7.8 ft - poorly graded coarse SAND (SP); gray, black | | |
| 7 | | 6.6 to 6.7 ft - sandy CLAY (CL); dark gray | | |
| 8 | | | | |
| 9 | 4 | 8.0 to 10.3 ft - poorly graded coarse SAND (SP); gray, black | | |
| 10 | | | | |
| 11 | | 10.3 to 11.6 ft - silty CLAY with sand (CL); gray, brown, green | | |
| | | 11.6 to 12.0 ft - silty CLAY (CL); gray, brown, green | | |

BORING LOG: SB-36-14 (Temporary Well)

| DEPTH (FEET BELOW GROUND SURFACE (BGS)) | WELL CONSTRUCTION DIAGRAM | SITE: Plant Kraft LOCATION: Port Wentworth, GA PROJECT NO.: — BORING NO.: SB-36-14 (Temporary) BORING DATE: 8-Dec-2016 METHOD: Auger BIT DIA.: 4" TOTAL DEPTH: 20 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Sampli START TIME: 1100 DRILLER: Tim Baker and Pe Rig AMS Power Probe 9500-VTR LOGGER: Forrest Howard REVIEWER: Stephen Wilson | |
|---|--|--|--|
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 5 |  | 8 ft BLS - Fine sand with trace coarse (SW); gray | description started at 8 ft. BGS. Above soil already described in earlier DPT drilling |
| 15 | | 12 ft BLS - Slightly Clayey fine sand (SP); gray, dark brown 12 ft BLS - Sandy silt (ML); brown to dark brown 14 ft BLS - Soft clay with some fine sand (CL); gray | |
| 20 | | 16 - 20 ft BLS - Sandy organic silt (OH); brown to dark brown | when augers were pulled were covered in a thick plastic clay. Not represented in logging |
| 25 | | DPT boring terminated @ 20.0 ft HSA boring terminated / bottom of well @ 2.00 ft top of screen @ 10.0 ft sand to 8.0 ft bentonite chips to 5.0 ft grout to surface | |
| 30 | | | |
| 35 | | | |

BORING LOG: SB-37-1

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, GA PROJECT NO.: — BORING NO.: SB-37-1 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1517 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
|--|---------------|--|----------|
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.5 | 0.0 to 1.0 ft - silty topsoil with roots and gravel(OL); brown, gray 1.0 to 3.5 ft - poorly graded fine SAND with clay (SP-SC); gray, brown, orange | |
| 2 | | | |
| 3 | | | |
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| 5 | | | |
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| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-2

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, GA PROJECT NO.: — | |
|--|---------------|---|----------|
| | | BORING NO.: SB-37-2 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1515 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 2.5 | 0.0 to 0.4 ft - poorly graded very fine SAND (SP); tan 0.4 to 2.5 ft - poorly graded fine SAND (SP); dark tan | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-3

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, Ga PROJECT NO.: — BORING NO.: SB-37-3 BORING DATE: 13-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 4 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 914 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | | COMMENTS |
|--|---------------|--|--|----------|
| | | LITHOLOGICAL DESCRIPTION | | |
| 1 | 3.9 | 0.0 to 0.4 ft - well graded SAND with gravel (SW); dark black 0.4 to 0.8 ft - gravel (GP); gray 0.8 to 2.5 ft - poorly graded fine SAND with trace gravel (SP); black, gray | | |
| 2 | | 2.5 to 2.7 ft - well graded SAND with gravel (GW); dark black 2.7 to 2.9 ft - poorly graded SAND with trace gravel (SP); black, gray 2.9 to 3.9 ft - stiff sandy CLAY (CL); brown, orange, black | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |

BORING LOG: SB-37-4

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|---|-----------------|
| | | BORING NO.: SB-37-4 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1415 | |
| | | DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.7 | 0.0 to 0.5 ft - well graded fine to coarse SAND with gravel (SW); dark black 0.5 to 1.5 ft - poorly graded fine sand with clay (SP-SC); dark brown, orange, gray | |
| 2 | | 1.5 to 2.3 ft - poorly graded fine sand (SP); gray, black, brown 2.3 to 3.7 ft - poorly graded medium to coarse SAND (SP); gray, black, white | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-5

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|---|-----------------|
| | | BORING NO.: SB-37-5 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 911 | |
| | | DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.9 | 0.0 to 0.4 ft - poorly graded very fine SAND (SP); white, tan 0.4 to 1.2 ft - very fine SAND with clay (SP-SC); tan, brown, black | |
| 2 | | 1.2 to 2.3 ft - medium SAND (SP); black, gray 2.3 to 2.8 ft - very fine SAND with clay (SP-SC); tan, brown, black 2.8 to 3.1 ft - WOODCHIPS; black, green | |
| 3 | | | |
| 4 | | | |
| 5 | | 3.1 to 3.9 ft - fine SAND (SP); light gray, brown, black | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-6

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, GA PROJECT NO.: — | |
|--|---------------|--|--------------------------------------|
| | | BORING NO.: SB-37-6 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 16 ft BLS | GROUND EL.: Not Surveyed |
| | | DRILLING CO.: Atlas-Geo Samplir | START TIME: 810 |
| | | DRILLER: Tim Baker and Per | RIG: AMS Power Probe 9500-VTR |
| | | LOGGER: Michael Patinkin | REVIEWER: Trent Godwin |
| | | LITHOLOGICAL DESCRIPTION | |
| | | COMMENTS | |
| 1 | 3.8 | 0.0 to 1.3 - well graded fine to coarse clayey SAND (SC); brown, gray, red | |
| 2 | | 1.3 to 2.2 ft - poorly graded fine to medium clayey SAND (SC); brown, gray | |
| 3 | | 2.2 to 3.8 ft - poorly graded medium SAND (SP); black, gray | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-7

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|---|----------|
| | | BORING NO.: SB-37-7 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1743 | |
| | | DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR | |
| | | LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 2.7 | 0.0 to 0.1 ft - well graded fine to medium SAND with gravel (SW); black 0.1 to 1.3 ft - poorly graded very fine SAND (SP); tan, brown, white | |
| 2 | | | |
| 3 | | 1.3 to 1.5 ft - sandy CLAY (CL); gray, brown, red 1.5 to 2.7 ft - poorly graded medium SAND (SP); black, gray | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37- 10

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-37- 10 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1140 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | |
|--|---------------|---|----------|
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.4 | 0.0 to 0.3 ft - well graded fine to medium SAND with gravel (SW); black, white, gray 0.3 to 0.5 ft - well graded fine to medium SAND with gravel (SW); white, gray 0.5 to 0.9 ft - CLAY (CL); orange, gray, black | |
| 2 | | 0.9 to 1.7 ft - well graded fine to medium SAND (SW); tan 1.7 to 3.4 ft - poorly graded coarse SAND (SP); tan, white, brown | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-11

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-37-11 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1425 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | |
|--|---------------|--|----------|
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.7 | 0.0 to 1.0 ft - silty TOPSOIL with gravel and roots (OL); brown, black 1.0 to 1.6 ft - poorly graded fine silty SAND with gravel (SM); brown, black 1.6 to 1.9 ft - SILT (ML); dark gray | |
| 2 | | 1.9 to 2.5 ft - poorly graded fine to medium SAND with clay and gravel (SP-SC); brown 2.5 to 3.7 ft - silty clayey SAND with roots (SC-SM); brown, black, gray | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-11B

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, Ga PROJECT NO.: — BORING NO.: SB-37-11B BORING DATE: 1-Feb-2017 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 4 GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1125 DRILLER: Sammy and Josep RIG: Massey Ferguson Tractor LOGGER: Michael Patinkin REVIEWER: Trent Godwin | | COMMENTS |
|--|---------------|---|--|-----------------------|
| | | LITHOLOGICAL DESCRIPTION | | |
| 0 | 3.2 | 0.0 to 0.4 ft - sandy SILT (OL) with roots and grass; dark brown, black 0.4 to 1.2 ft - poorly graded fine to medium SAND with black gravel; brown, tan, black | | Sample: SB-37-11B-0-4 |
| 1 | | 1.2 to 1.5 ft - SILT (ML); gray, black 1.5 to 3.2 ft - poorly graded fine to medium SAND (SP); gray, black, tan | | Moist at 2.0 ft |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |

BORING LOG: SB-37-13

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-37-13 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 805 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
|--|--|---------------|--|----------|
| | | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | | 3.6 | 0.0 to 1.5 ft - poorly graded medium to coarse SAND with clay (SP-SC); orange, brown, black 1.5 to 2.4 ft - well graded fine to medium SAND (SP); dark tan, black, gray | |
| 2 | | | | |
| 3 | | | 2.4 to 3.6 ft - poorly graded medium SAND (SP); black, gray | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |

BORING LOG: SB-37-14

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, GA PROJECT NO.: — | |
|--|---------------|---|----------|
| | | BORING NO.: SB-37-14 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 745 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.5 | 0.0 to 1.7 ft - well graded fine to medium clayey SAND (SC); brown, gray, orange | |
| 2 | | 1.7 to 2.7 ft - poorly graded medium SAND (SP); black, gray | |
| 3 | | 2.7 to 3.5 ft - well graded fine to coarse SAND with gravel (SW); dark black | |
| 4 | | | |
| 5 | | | |
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| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-15

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, GA PROJECT NO.: — | |
|--|---------------|--|-----------------|
| | | BORING NO.: SB-37-15 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1740 | |
| | | DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR | |
| | | LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 2.7 | 0.0 to 0.9 ft - poorly graded very fine SAND (SP); tan, brown, white | |
| 2 | | 0.9 to 1.8 ft - poorly graded medium to coarse clayey SAND w/ gravel (SC); brown, gray, red | |
| 3 | | 1.8 to 2.7 ft - poorly graded medium SAND (SP); black, gray | |
| 4 | | | |
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| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-16

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|--|-----------------|
| | | BORING NO.: SB-37-16 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1130 | |
| | | DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR | |
| | | LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.5 | 0.0 to 0.2 ft - well graded fine to medium SAND with gravel (SP); black, gray, brown 0.2 to 0.4 ft - poorly graded with fine SAND (SP); white, tan 0.4 to 0.7 ft - poorly graded fine to medium silty SAND with gravel (SM); brown | |
| 2 | | 0.7 to 3.0 ft - poorly graded medium SAND (SP); black, gray 3.0 to 3.3 ft - slightly sandy SILT with gravel (ML); dark brown, black 3.3 to 3.5 ft - poorly graded fine to medium SAND with silt (SP-SM); brown | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-17

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, GA PROJECT NO.: — | |
|--|---------------|---|----------|
| | | BORING NO.: SB-37-17 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: | |
| | | DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | | 0.0 to 0.6 ft - well graded fine to medium silty SAND with gravel (SM); brown 0.6 to 0.7 ft - poorly graded SAND (SP); tan, brown 0.7 to 2.2 ft - well graded fine to coarse SAND (SW); tan | |
| 2 | | | |
| 3 | | 2.2 to 2.5 ft - sandy CLAY (CL); gray 2.5 to 3.5 ft - poorly graded coarse SAND (SP); tan, white, brown | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-18

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-37-18 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1140 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
|--|--|---------------|--|-----------------|
| | | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | | 3.3 | 0.0 to 0.5 ft - well graded fine to medium silty SAND with gravel (SM); brown 0.5 to 0.6 ft - poorly graded medium SAND with trace gravel (SP); tan, brown 0.6 to 1.3 ft - CLAY (CL); orange, gray, black | |
| 2 | | | | |
| 3 | | | 1.3 to 3.3 ft - poorly graded coarse sand (SP); tan, white, brown | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |

BORING LOG: SB-36-19

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|--|----------|
| | | BORING NO.: SB-36-19 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1423 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.9 | 0.0 to 0.4 ft - poorly graded very fine SAND (SP); tan 0.4 to 0.6 ft - stiff CLAY (CL); gray 0.6 to 1.4 ft - well graded fine to medium clayey SAND with gravel (SC); dark brown, black | |
| 2 | | | |
| 3 | | 1.4 to 2.4 ft - poorly graded fine SAND with clay (SP-SC); tan, orange, black 2.4 to 3.9 ft - poorly graded medium to coarse SAND (SP); gray, white | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-20

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|---|----------|
| | | BORING NO.: SB-37-20 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 905 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.2 | 0.0 to 0.6 ft - Well graded fine to medium gravely SAND (SW); gray, black | |
| 2 | | 0.6 to 1.9 ft - silty SAND with trace gravel (SW); dark brown, black, tan | |
| 3 | | 1.9 to 2.7 ft - very fine silty SAND (SM); black, tan, red | |
| 4 | | 2.7 to 3.0 ft - SILT (ML); dark gray | |
| 5 | | 3.0 to 3.2 ft - poorly graded coarse GRAVEL (GP); brown, black, gray | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-22

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-37-22 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 737 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | |
|--|---------------|---|----------|
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.5 | 0.0 to 0.4 ft - well graded fine to medium clayey SAND (SC); brown, gray 0.4 to 0.8 ft - poorly graded fine SAND (SP); brown, gray, black 0.8 to 2.0 ft - silty CLAY with trace roots (CL); brown, gray, black | |
| 2 | | 2.0 to 2.8 ft - sandy CLAY with roots (CL); brown, gray, black 2.8 to 3.5 ft - clayey SAND (SC); gray, brown, white | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-23

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-37-23 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1730 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | |
|--|---------------|--|----------|
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 2.9 | 0.0 to 0.5 ft - poorly graded medium to coarse clayey SAND with gravel (SC); brown, gray 0.5 to 0.8 ft - poorly graded very fine SAND (SP); tan, brown, white 0.8 to 1.3 ft - silty SAND (SM-SC); brown, orange | |
| 3 | | 1.3 to 1.5 ft - CLAY (CL); light gray, brown 1.5 to 2.9 ft - poorly graded medium to coarse SAND (SP); orange, tan, brown | |
| 5 | | | |
| 7 | | | |
| 9 | | | |
| 11 | | | |

BORING LOG: SB-37-24

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|--|----------|
| | | BORING NO.: SB-37-24 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1445 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.3 | 0.0 to 0.4 ft - well graded fine to medium SAND with gravel (SP); black, gray, brown 0.4 to 3.1 ft - well graded fine to coarse SAND (SW); white, orange, tan | |
| 2 | | | |
| 3 | | 3.1 to 3.3 ft - sandy clay (CL); brown | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-25

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | | |
|--|---------------|--|----------|
| | | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-37-25 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1445 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.4 | 0.0 to 0.5 ft - well graded fine to medium silty SAND with trace dark black gravel (SM); black, gray, brown 0.5 to 3.1 ft - well graded fine to coarse SAND (SW); tan | |
| 2 | | | |
| 3 | | 3.1 to 3.2 ft - sandy CLAY (CL); brown, gray 3.2 to 3.4 ft - poorly graded coarse SAND (SP); tan, white | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-26

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, Ga PROJECT NO.: — BORING NO.: SB-37-26 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1135 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
|--|---------------|---|----------|
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.3 | 0.0 to 0.7 ft - sandy SILT with grass roots and trace gravel (OL); brown, black, orange 0.7 to 1.3 ft - well graded fine to medium SAND (SW); tan | |
| 2 | | 1.3 to to3.3 ft - poorly graded fine to medium sand (SP); tan, white brown | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-27

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-37-27 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1420 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | |
|--|---------------|--|----------|
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.4 | 0.0 to 1.0 ft - well graded medium to cobble sized GRAVEL with silty fine sand (GW); gray, black, white 1.0 to 1.4 ft - well graded fine to medium silty SAND (SM); tan, white, brown | |
| 2 | | 1.4 to 3.3 ft - poorly graded medium SAND (SP); tan white, brown 3.3 to 3.4 ft - sandy soft CLAY (CL); brown, red, orange | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-28

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, GA PROJECT NO.: — | |
|--|---------------|--|----------|
| | | BORING NO.: SB-37-28 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplir START TIME: 900 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 2.8 | 0.0 to 0.7 ft - well graded fine to medium SAND with gravel (SW); brown, gray, black | |
| 2 | | | |
| 3 | | 0.7 to 2.8 ft - well graded medium to cobble sized GRAVEL with fine sand and clay (GW); gray, white, brown | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-29

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C | |
|--|---------------|---|----------|
| | | PROJECT NO.: — | |
| | | BORING NO.: SB-37-29 BORING DATE: 12-Nov-2016 | |
| | | METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed | |
| | | DRILLING CO.: Atlas-Geo Samplr START TIME: 800 | |
| | | DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR | |
| | | LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 2.7 | 0.0 to 0.3 ft - well graded fine to medium SAND with gravel (SW); brown, gray, black 0.3 to 1.2 ft - well graded medium to cobble sized GRAVEL with fine sand (GW); white, gray, | |
| 2 | | | |
| 3 | | 1.2 to 1.5 ft - well graded fine to medium clayey SAND (SC); brown, gray, 1.5 to 2.7 ft - soft silty CLAY (CL); dark brown, gray, black | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-30

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C | |
|--|---------------|---|----------|
| | | PROJECT NO.: — | |
| | | BORING NO.: SB-37-30 BORING DATE: 12-Nov-2016 | |
| | | METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed | |
| | | DRILLING CO.: Atlas-Geo Samplr START TIME: 735 | |
| | | DRILLER: Tim Baker and Per RIG: AMS Power | |
| | | LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.2 | 0.0 to 0.5 ft - well graded fine to medium SAND with gravel (SW); brown, gray 0.5 to 1.2 ft - poorly graded medium SAND with trace cobble sized gravel (SP); brown, dark brown | |
| 2 | | | |
| 3 | | 1.2 to 3.2 ft - poorly graded medium to coarse SAND (SP); white, tan, orange 1.8 to 2.0 ft and 2.5 to 2.6 ft - CLAY (CL); brown, orange | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-37-31

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-37-31 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1130 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | |
|--|---------------|--|----------|
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 2.9 | 0.0 to 0.4 ft - well graded fine to medium SAND with gravel (SW); black, white, gray 0.4 to 0.6 ft - SILT (ML); dark black 0.6 to 1.6 ft - poorly graded medium SAND with trace gravel (SP); tan, brown, | |
| 2 | | 1.6 to 1.8 ft - sandy GRAVEL with silty (GP-GM); black, gray 1.8 to 2.0 ft - poorly graded medium SAND with trace gravel (SP); tan, brown, 2.0 to 2.9 ft - poorly graded coarse SAND (SP); brown, tan | |
| 3 | | | |
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| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-38

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-38 BORING DATE: 15-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 12 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 945 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | | COMMENTS |
|--|---------------|---|--|--|
| | | LITHOLOGICAL DESCRIPTION | | |
| 1 | 3.7 | 0.0 to 1.3 ft - well graded silty SAND with poorly graded coarse gravel (SM); brown, gray, dark brown 1.3 to 2.3 ft - poorly graded medium SAND (SP); tan, orange | | PID: 0-1.3 ft: 0.1 ppm PID: 1.3-2.6 ft: 0.2 ppm PID 2.6-3.7 ft: 0.1 ppm Samples: SB-38-1.3-1.2 GW-38 |
| 2 | | 2.3 to 2.8 ft - poorly graded fine silty SAND (SM); red, orange, grey 2.8 to 3.3 ft - poorly graded medium SAND (SP); tan, orange 3.3 to 3.5 ft - poorly graded fine silty SAND (SM); red, orange, grey | | moist @ 2.0 ft |
| 3 | | | | |
| 4 | | | | |
| 5 | 4 | 4.0 to 6.0 ft - poorly graded coarse SAND (SM); white, gray, tan | | wet @ 4.6 ft saturated @ 5.6 ft |
| 6 | | | | |
| 7 | | 6.0 to 8.0 ft - poorly graded coarse SAND (SM); white, gray 7.1 to 7.3 ft - silty poorly graded coarse SAND (SM); dark brown | | |
| 8 | | | | |
| 9 | 4 | * Drillers unable to open plastic sleeve. Cutter blade was breaking on coarse sand grains | | |
| 10 | | | | |
| 11 | | | | |

BORING LOG: SB-44-1

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|--|----------|
| | | BORING NO.: SB-44-1 BORING DATE: 10-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 4 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1620 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.2 | 0.0 to 0.6 ft - silty gravely poorly graded fine fill SAND (SP); brown, gray | |
| 2 | | 0.6 to 1.9 ft - silty very fine SAND with clay (SM-SC); brown, gray, black | |
| 3 | | 1.9 to 3.2 ft - poorly graded coarse SAND (SP); tan, brown, white | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-44-2

| | | BORING LOG: SB-44-2 | | | |
|--|---------------|---|--|--|----------|
| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft | LOCATION: Port Wentworth, C | | |
| | | BORING NO.: SB-44-2 | BORING DATE: 10-Nov-2016 | | |
| | | METHOD: Direct Push Techn | BIT DIA.: 2 & 7/8" | | |
| | | TOTAL DEPTH: 4 ft BLS | GROUND EL.: Not Surveyed | | |
| | | DRILLING CO.: Atlas-Geo Samplr | START TIME: 1630 | | |
| | | DRILLER: Tim Baker and Per | RIG: AMS Power Probe 9500-VTR | | |
| | | LOGGER: Michael Patinkin | REVIEWER: Trent Godwin | | |
| | | LITHOLOGICAL DESCRIPTION | | | COMMENTS |
| 1 | 2.7 | 0.0 to 0.3 ft - silty gravely poorly graded fine fill SAND (SP); brown, gray | | | |
| 2 | | 0.3 to 1.3 ft - silty very fine SAND with clay (SM-SC); brown, gray, black | | | |
| 3 | | 1.3 to 2.7 ft - poorly graded coarse SAND (SP); tan, brown, white | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |
| 11 | | | | | |

BORING LOG: SB-44-3

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, Ga PROJECT NO.: — | |
|--|---------------|--|----------|
| | | BORING NO.: SB-44-3 BORING DATE: 10-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 4 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1600 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.2 | 0.0 to 0.6 ft - silty gravely poorly graded fine fill SAND (SP); brown, grey | |
| 2 | | 0.6 to 2.4 ft - silty very fine SAND with clay (SM- SC); brown, gray, black | |
| 3 | | 2.4 to 3.3 ft - poorly graded coarse SAND (SP); tan, brown, white | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-44-4

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|--|----------|
| | | BORING NO.: SB-44-4 BORING DATE: 10-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 4 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1610 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3 | 0.0 to 0.9 ft - poorly graded fine to medium SAND (SP); tan 0.9 to 3.0 ft - poorly graded coarse SAND (SP); tan, brown, white | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-44-5

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|--|----------|
| | | BORING NO.: SB-44-5 BORING DATE: 12-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 4 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1525 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.3 ft | 0.0 to 0.6 ft - silty gravely poorly graded fine fill SAND (SP); brown, grey | |
| 2 | | 0.6 to 1.1 ft - silty very fine SAND with clay (SM- SC); brown, gray, black | |
| 3 | | 1.1 to 3.3 ft - poorly graded coarse SAND (SP); tan, brown, white | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-44-6

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|--|-------------|
| | | BORING NO.: SB-44-6 BORING DATE: 10-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 4 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1510 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.3 | 0.0 to 0.3 ft - poorly graded fine to medium SAND (SP); tan 0.3 to 1.8 ft - poorly graded coarse SAND (SP); tan, brown, white 1.8 to 1.9 ft - very fine clayey silty (ML); dark brown dark grey; with wet pebble sized white hard deposits | wet @1.8 ft |
| 2 | | | |
| 3 | | 1.9 to 3.3 ft - poorly graded coarse SAND (SP); tan, brown, white | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-44-7

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-44-7 BORING DATE: 10-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 4 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1430 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | |
|--|---------------|--|----------|
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.4 | 0.0 to 0.4 ft - silty gravelly fill, poorly graded fine SAND (SP); brown 0.4 to 1.5 ft - very fine SILT (ML); dark grey | |
| 2 | | 1.5 to 3.4 ft - poorly graded coarse SAND (SP); brown, tan, white | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-44-7B

| BORING LOG: SB-44-7B | | | |
|--|---------------|--|--------------------------|
| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, Ga PROJECT NO.: — BORING NO.: SB-44-7B BORING DATE: 1-Feb-2017 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 4 GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1615 DRILLER: Sammy and Josep RIG: Massey Ferguson Tractor LOGGER: Forrest Hward REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.5 | 0.0 to 0.4 ft - poorly graded coarse SAND (SP); tan 0.4 to 1.0 ft - SILT (ML); Black | Sample: SB-44-7B-0.6-1.6 |
| 2 | | 1.0 to 1.6 ft - SILT (ML); dark gray | |
| 3 | | 1.6 to 3.5 ft - poorly graded medium to coarse SAND (SP); red, brown, tan | |
| 4 | | | |
| 5 | | | |

BORING LOG: SB-44-7N

| | | BORING LOG: SB-44-7N | | |
|--|---------------|--|-------------------------------------|-----------------|
| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft | LOCATION: Port Wentworth, Ga | |
| | | BORING NO.: SB-44-7N | BORING DATE: 1-Feb-2017 | |
| | | METHOD: Direct Push Techn | BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 4 | GROUND EL.: Not Surveyed | |
| | | DRILLING CO.: Atlas-Geo Samplr | START TIME: 1625 | |
| | | DRILLER: Sammy and Josep | RIG: Massey Ferguson Tractor | |
| | | LOGGER: Michael Patinkin | REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | | COMMENTS |
| 1 | 3.3 | 0.0 to 0.9 ft - sandy GRAVEL with silt (GM); gray, white, black 0.9 to 1.3 ft - SILT (ML); dark gray, black | | No Sample |
| 2 | | 1.3 to 2.2 ft - poorly graded medium to coarse SAND (SP); white, tan | | |
| 3 | | 2.2 to 3.3 ft - poorly graded medium to coarse SAND (SP); red, brown, tan | | |
| 4 | | | | |
| 5 | | | | |

BORING LOG: SB-44-7W

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | LITHOLOGICAL DESCRIPTION | COMMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------|--|-------------------------|-------|-------------|-----------|--------------------|--|--|--------------|---|-------------|----------|--------------|------------|---------|-------------------|-----------|----------|--------------|---|-------------|--------------|---------------|------------------|-------------|------|----------|-----------------|------|-------------------------|---------|----------------|-----------|--------------|
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">SITE:</td> <td style="width: 20%;">Plant Kraft</td> <td style="width: 20%;">LOCATION:</td> <td style="width: 30%;">Port Wentworth, Ga</td> </tr> <tr> <td></td> <td></td> <td>PROJECT NO.:</td> <td>—</td> </tr> <tr> <td>BORING NO.:</td> <td>SB-44-7W</td> <td>BORING DATE:</td> <td>1-Feb-2017</td> </tr> <tr> <td>METHOD:</td> <td>Direct Push Techn</td> <td>BIT DIA.:</td> <td>2 & 7/8"</td> </tr> <tr> <td>TOTAL DEPTH:</td> <td>4</td> <td>GROUND EL.:</td> <td>Not Surveyed</td> </tr> <tr> <td>DRILLING CO.:</td> <td>Atlas-Geo Samplr</td> <td>START TIME:</td> <td>1605</td> </tr> <tr> <td>DRILLER:</td> <td>Sammy and Josep</td> <td>RIG:</td> <td>Massey Ferguson Tractor</td> </tr> <tr> <td>LOGGER:</td> <td>Forrest Howard</td> <td>REVIEWER:</td> <td>Trent Godwin</td> </tr> </table> | | | | SITE: | Plant Kraft | LOCATION: | Port Wentworth, Ga | | | PROJECT NO.: | — | BORING NO.: | SB-44-7W | BORING DATE: | 1-Feb-2017 | METHOD: | Direct Push Techn | BIT DIA.: | 2 & 7/8" | TOTAL DEPTH: | 4 | GROUND EL.: | Not Surveyed | DRILLING CO.: | Atlas-Geo Samplr | START TIME: | 1605 | DRILLER: | Sammy and Josep | RIG: | Massey Ferguson Tractor | LOGGER: | Forrest Howard | REVIEWER: | Trent Godwin |
| SITE: | Plant Kraft | LOCATION: | Port Wentworth, Ga | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | PROJECT NO.: | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BORING NO.: | SB-44-7W | BORING DATE: | 1-Feb-2017 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| METHOD: | Direct Push Techn | BIT DIA.: | 2 & 7/8" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL DEPTH: | 4 | GROUND EL.: | Not Surveyed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRILLING CO.: | Atlas-Geo Samplr | START TIME: | 1605 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRILLER: | Sammy and Josep | RIG: | Massey Ferguson Tractor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOGGER: | Forrest Howard | REVIEWER: | Trent Godwin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 3.7 | 0.0 to 0.7 ft - silty SAND (SM); brown, black 0.7 to 1.0 ft - silty SAND with clay (SM); brown, black | No Sample | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | 1.0 to 3.7 ft - medium to coarse poorly graded SAND (SP); tan, red, brown | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

BORING LOG: SB-44-8

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|--|----------|
| | | BORING NO.: SB-44-8 BORING DATE: 10-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 4 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1440 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.2 | 0.0 to 0.3 ft - poorly graded fine to medium SAND (SP); tan | |
| 2 | | | |
| 3 | | 0.3 to 3.2 ft - poorly graded coarse SAND (SP); tan, brown, white | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-45-1

| | | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-45-1 BORING DATE: 11-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 4 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 810 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | | |
|---------------------------------------|---------------|---|----------------------|--|
| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | LITHOLOGICAL DESCRIPTION | COMMENTS | |
| 1 | 3.3 | 0.0 to 0.4 silty poorly graded SAND with gravel and roots; gray, brown | Samples: SB-45-1-0-1 | |
| 2 | | | | |
| 3 | | 0.4 to 3.3 ft - poorly graded coarse SAND (SP); tan, brown, white | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |

BORING LOG: SB-45-2

| | | BORING LOG: SB-45-2 | | |
|--|---------------|--|--|----------------------|
| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | | |
| | | BORING NO.: SB-45-2 BORING DATE: 11-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | | |
| | | TOTAL DEPTH: 4 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 800 | | |
| | | DRILLER: Tim Baker and Per RIG: AMS Power PROBE: Probe 9500-VTR | | |
| | | LOGGER: Michael Patinkin REVIEWER: Trent Godwin | | |
| | | LITHOLOGICAL DESCRIPTION | | COMMENTS |
| 1 | 3.3 | 0.0 to 0.4 ft - poorly graded fine to medium SAND with gravel (SP); gray, tan | | Samples: SB-45-2-0-1 |
| 2 | | | | |
| 3 | | 0.4 to 2.9 ft - poorly graded coarse SAND (SP); tan, brown, white | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |

BORING LOG: SB-45-3

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|---|----------------------|
| | | BORING NO.: SB-45-3 BORING DATE: 11-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 12 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1540 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.3 | 0.0 to 0.2 ft - organic detritus (roots, grass); gray, brown 0.2 to 2.0 ft - poorly graded fine to medium SAND with gravel (SP); gray, brown | Samples: SB-45-3-0-1 |
| 2 | | | |
| 3 | | 2.0 to 3.3 ft - poorly graded coarse SAND (SP); tan, brown, white | |
| 4 | | | |
| 5 | 3 | 4.0 to 7.0 ft - poorly graded coarse SAND (SP); tan, brown, white, gray | wet @ 6.5 ft |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | 3.5 | 8.0 to 9.7 ft - poorly graded coarse SAND (SP); gray, black | saturated @ 8 ft |
| 10 | | | |
| 11 | | 9.7 to 11.5 ft - fat CLAY (CH); gray, brown | |

BORING LOG: SB-45-4

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C | |
|--|---------------|---|----------------------|
| | | PROJECT NO.: — | |
| | | BORING NO.: SB-45-4 BORING DATE: 11-Nov-2016 | |
| | | METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 8 ft BLS GROUND EL.: Not Surveyed | |
| | | DRILLING CO.: Atlas-Geo Samplr START TIME: 1450 | |
| | | DRILLER: Tim Baker and Per RIG: AMS Power | |
| | | LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.2 | 0.0 to 0.2 ft - organic detritus (roots, grass); gray, brown 0.2 to 0.7 ft - poorly graded fine to medium SAND with gravel (SP); gray, brown | Samples: SB-45-4-0-1 |
| 2 | | | |
| 3 | | 0.7 to 3.2 ft - poorly graded coarse SAND (SP); tan, brown, white | |
| 4 | | | |
| 5 | 3.3 | 4.0 to 7.4 ft - poorly graded coarse SAND (SP); tan, brown, white | wet @ 6.2 ft |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-46-1

| DEPTH (FEET BELOW LAND SURFACE [BLS]) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, GA PROJECT NO.: — | |
|--|---------------|---|--|
| | | BORING NO.: SB-46-1 BORING DATE: 11-Nov-2016 METHOD: Direct Push Tech BIT DIA.: 2 & 7/8" SB-46-1 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Sampli START TIME: 935 DRILLER: Tim Baker and Pe RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.2 | 0.0 to 0.6 ft - sandy GRAVEL with concrete (GW); white, gray 0.6 to 3.2 ft - poorly graded coarse SAND (SP); brown, white, tan | PID: 0-1 ft: 1.5 ppm PID: 1-2 ft: 2.2 ppm Samples: SB-46-1-1-2 |
| 2 | | | |
| 3 | | | PID: 2-3.2 ft: 1.6 ppm |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-46-2

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, Ga PROJECT NO.: — BORING NO.: SB-46-2 BORING DATE: 10-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1650 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | | COMMENTS |
|--|---------------|---|--|--|
| | | LITHOLOGICAL DESCRIPTION | | |
| 1 | 3.5 | 0.0 to 0.5 ft - poorly graded fine SAND (SP); gray 0.5 to 3.5 ft - poorly graded coarse SAND (SP); brown, tan, gray | | PID: 0-1 ft: 1.1 ppm PID: 1-2.6 ft: 0.8ppm Samples:SB-46-2-0-1 |
| 2 | | | | |
| 3 | | | | PID: 2.5-3.5 ft: 10.9 ppm |
| 4 | | | | |
| 5 | 3.5 | 4.0 to 7.5 ft - poorly graded coarse SAND (SP); brown, tan, gray | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | 3 | 8.0 to 10.0 ft - poorly graded coarse SAND (SP); brown, tan, gray | | |
| 10 | | | | |
| 11 | | 10.0 to 11.0 ft - CLAY (CL); brown, gray, black | | |

BORING LOG: SB-46-3

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — | |
|--|---------------|---|--|
| | | BORING NO.: SB-46-3 BORING DATE: 11-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 1020 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.3 | 0.0 to 0.5 ft - poorly graded silty fine SAND with gravel, roots, grass (SM); black, white 0.5 to 3.3 ft - poorly graded coarse SAND (SP); brown, tan, white | PID: 0-1 ft: 1.2 ppm PID: 1-2 ft: 3.0 ppm |
| 2 | | | |
| 3 | | | PID: 2-3.3 ft: 3.0 ppm |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

BORING LOG: SB-46-4

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C PROJECT NO.: — BORING NO.: SB-46-4 BORING DATE: 11-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplr START TIME: 845 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | | COMMENTS |
|--|---------------|---|--|--|
| | | LITHOLOGICAL DESCRIPTION | | |
| 1 | 3.5 | 0.0 to 0.7 ft - poorly graded fine SAND with gravel (SP); gray, brown, black 0.7 to 2.3 ft - poorly graded coarse SAND (SP); brown, tan, white | | PID: 0-1 ft: 1.5 ppm PID: 1-2 ft: 1.6 ppm Samples: SB-46-2-0-1 |
| 2 | | 2.3 to 2.4 ft - fat CLAY (CH); gray, brown 2.4 to 3.5 ft - poorly graded coarse SAND (SP); brown, tan, white | | PID: 2-3.5 ft: 0.8 ppm |
| 3 | | | | |
| 4 | | | | |
| 5 | 3.8 | 4.0 to 7.8 ft - poorly graded coarse SAND (SP); brown, tan, white, gray | | |
| 6 | | | | |
| 7 | | | | wet at 6.1 ft |
| 8 | | | | |
| 9 | 4 | 8.0 to 10.3 ft - poorly graded coarse SAND (SP); gray | | Samples: GW-46-4-8-12 GW-DUP-3 |
| 10 | | | | |
| 11 | | 10.3 to 10.4 ft - clayey SILT (ML); black 10.4 to 12.0 ft - fat CLAY (CH); brown, gray | | |

BORING LOG: SB-47

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, C | |
|--|---------------|--|--|
| | | PROJECT NO.: — | |
| | | BORING NO.: SB-47 | BORING DATE: 12-Nov-2016 |
| | | METHOD: Direct Push Techn | BIT DIA.: 2 & 7/8" |
| | | TOTAL DEPTH: 16 ft BLS | GROUND EL.: Not Surveyed |
| | | DRILLING CO.: Atlas-Geo Samplir | START TIME: 1415 |
| | | DRILLER: Tim Baker and Per | RIG: AMS Power Probe 9500-VTR |
| | | LOGGER: Michael Patinkin | REVIEWER: Trent Godwin |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 2.8 | 0.0 to 0.6 ft - poorly graded silty SAND with grass, roots (SM); brown | PID: 0-1.5 ft: 1.0 ppm PID: 1.5-2.8 ft: 1.9 ppm |
| 2 | | 0.6 to 2.8 ft - poorly graded coarse SAND with isolated gravel patches (SP); brown, tan, white | |
| 3 | | | |
| 4 | | | |
| 5 | 3.5 | 4.0 to 7.5 ft - poorly graded coarse SAND with isolated gravel patches (SP); brown, tan, white | PID: 4-5 ft: 2.3 ppm PID: 5-6 ft: 1.9 ppm Samples: SB-47-4-5 Samples: SW-47-4-5 |
| 6 | | | |
| 7 | | | PID: 6-7.5 ft: 3.0 ppm wet at 6 ft |
| 8 | | | |
| 9 | 4 | 8 to 10.6 ft - poorly graded coarse SAND with isolated gravel patches (SP); brown, tan, white | PID: 8-9 ft: 2.3 ppm PID: 9-10 ft: 3.0 ppm |
| 10 | | | |
| 11 | | 10.6 to 10.7 ft - sandy SILT (ML); black, gray 10.7 to 12 ft - fat CLAY (CH); brown, gray | PID: 10-11 ft: 3.0 PID: 11-12 ft: 3.7 |

BORING LOG: SB-49

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, GA PROJECT NO.: — BORING NO.: SB-49 BORING DATE: 1-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 8 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplir START TIME: 1200 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
|---------------------------------------|--|---------------|---|--|
| | | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | | 2.7 | 0.0 to 0.6 ft - well graded fine to medium SAND with silt, toots and trace gravel (SW-SM); brown, gray 0.6 to 1.2 ft - poorly graded medium SAND (SP); brown, orange, gray | PID: 0-1.3 ft: 0.0 ppm PID: 1.3-2.7 ft: 10.0 ppm PID 4.0-5.0 ft: 0.0 ppm Samples: SB-49-1.3-2.7 |
| 2 | | | | |
| 3 | | | 1.2 to 2.7 ft - poorly graded medium to coarse SAND with clay (SP-SC); brown, orange, gray | strong odor in 1.3 to 2.7 ft |
| 4 | | | | |
| 5 | | 2.6 | clay (SP-SC); brown, orange, gray 4.8 to 5.1 ft - poorly graded medium to coarse SAND (SP); gray, brown, white 5.1 to 6.6 ft - poorly graded coarse SAND (SP); gray, black 5.5 ft - thin plastic liner | moist @ 2.0 ft wet @ 5.2 ft saturated @ 5.8 ft |
| 6 | | | | |
| 7 | | | 6.1 to 6.2 ft - gravel cobble; dark gray | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |

BORING LOG: SB-50-1

| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, Ga | |
|--|---------------|---|---------------------|
| | | PROJECT NO.: — | |
| | | BORING NO.: SB-50-1 BORING DATE: 1-Feb-2017 | |
| | | METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" | |
| | | TOTAL DEPTH: 4 GROUND EL.: Not Surveyed | |
| | | DRILLING CO.: Atlas-Geo Samplr START TIME: 1000 | |
| | | DRILLER: Sammy and Josep RIG: Massey Ferguson Tractor | |
| | | LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.3 | 0.0 to 0.3 ft - poorly graded fine to medium SAND (SP); white, tan 0.3 to 0.9 ft - poorly graded fine SAND with silt (SP-SM); black, brown | No sample collected |
| 2 | | | |
| 3 | | 0.9 to 3.3 ft - poorly graded fine to medum clayey SAND (SC); brown, orange | |
| 4 | | | |
| 5 | | | |

BORING LOG: SB-50-2

| DEPTH (FEET BELOW LAND SURFACE [BLS]) | Recovery (ft) | SITE: Plant Kraft BORING NO.: SB-50-2 METHOD: Direct Push Technology TOTAL DEPTH: 8 ft BLS DRILLING CO.: Atlas-Geo Sampling Company DRILLER: Sammy and Joseph LOGGER: Michael Patinkin | LOCATION: Port Wentworth, GA PROJECT NO.: — BORING DATE: 1-Feb-2017 BIT DIA.: 2 & 7/8" GROUND EL.: Not Surveyed START TIME: 1020 RIG: Massey Ferguson Tractor REVIEWER: Trent Godwin |
|--|---------------|---|---|
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 2.7 | 0.0 to 1.3 - poorly graded fine to medum SAND with silt (SP-SM); brown, black | |
| 2 | | 1.3 to 2.2 ft - poorly graded medum to coarse SAND (SP); brown, tan | |
| 3 | | 2.2 to 2.7 ft - ASH FILL (ML); gray, black | Moist at 2.0 ft |
| 4 | 4 | 4.0 to 6.5 ft - ASH FILL (ML); black, gray, tan | Sample: SB-50-2-4-5 Wet at 4.0 ft |
| 5 | | 6.5 to 7.0 ft - clayey SILT (ML); tan, gray, 7.0 to 8.0 ft - sandy CLAY (CL); gray, tan, black, orange | Bottom of borehole at 8 feet |

BORING LOG: SB-50-3

| DEPTH (FEET BELOW LAND SURFACE [BLS]) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, GA PROJECT NO.: — | |
|--|---------------|--|-------------------------|
| | | BORING NO.: SB-50-3 BORING DATE: 1-Feb-2017 METHOD: Direct Push Technology BIT DIA.: 2 & 7/8" TOTAL DEPTH: 4 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Sampling Company START TIME: 1045 DRILLER: Sammy and Joseph RIG: Massey Ferguson Tractor LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 2.8 | 0.0 to 0.5 ft - SILT (OL) with roots and grass; dark gray, brown | Sample: SB-50-3-0.5-1.1 |
| | | 0.5 to 1.1 ft - ASH FILL (ML); dark brown, gray, black | |
| 2 | | 1.1 to 2.8 ft - poorly graded fine clayey SAND (SC); tan, orange, gray | |
| 3 | | Bottom of borehole at 4 feet | |
| 4 | | | |
| 5 | | | |
| | | | |

BORING LOG: SB-50-4

| DEPTH (FEET BELOW LAND SURFACE) [BLS] | Recovery (ft) | SITE: Plant Kraft | | LOCATION: Port Wentworth, GA | |
|--|------------------------------|---|--|--|--|
| | | BORING NO.: SB-50-4 | | PROJECT NO.: — | |
| | | METHOD: Direct Push Technology | | BORING DATE: 1-Feb-2017 | |
| | | TOTAL DEPTH: 4 ft BLS | | GROUND EL.: Not Surveyed | |
| | | DRILLING CO.: Atlas-Geo Sampling Company | | START TIME: 1105 | |
| | | DRILLER: Sammy and Joseph | | RIG: Massey Ferguson Tractor | |
| | | LOGGER: Michael Patinkin | | REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | | COMMENTS | |
| 0 | 3.4 | 0.0 to 0.7 ft - SILT (OL) with roots and grass; gray, dark brown, black | | | |
| 1 | | 0.7 to 3.1 ft - ASH FILL (ML); gray, dark brown, black | | Moist at 2.2 ft Wet at 2.5 ft Saturated at 2.7 ft Sample: SB-50-4-2-3 | |
| 2 | | 3.1 to 3.3 - poorly graded fine SAND with clay (SP-SC); tan, orange, gray | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | Bottom of borehole at 4 feet | | | | |

BORING LOG: SB-51-1

| | | SITE: Plant Kraft LOCATION: Port Wentworth, C | |
|--|---------------|---|--|
| DEPTH (FEET BELOW LAND SURFACE [BLS]) | Recovery (ft) | PROJECT NO.: — | |
| | | BORING NO.: SB-51-1 | BORING DATE: 14-Nov-2016 |
| | | METHOD: Direct Push Techn | BIT DIA.: 2 & 7/8" |
| | | TOTAL DEPTH: 16 ft BLS | GROUND EL.: Not Surveyed |
| | | DRILLING CO.: Atlas-Geo Samplir | START TIME: 740 |
| | | DRILLER: Tim Baker and Per | RIG: AMS Power Probe 9500-VTR |
| | | LOGGER: Michael Patinkin | REVIEWER: Trent Godwin |
| | | LITHOLOGICAL DESCRIPTION | |
| | | COMMENTS | |
| 1 | 2.8 | 0.0 to 0.4 ft - silty top soil (OL) with grass and roots; brown, tan | Sample: SB-51-1-0-2 |
| 2 | | 0.4 to 1.0 ft - poorly graded fine clayey SAND (SC); brown, dark brown, gray | Sample: SB-51-1-2-6 |
| 3 | | 1.0 to 2.8 ft - stiff sandy clay (CL); brown, orange, red, gray | Sample: SB-51-1-6-10 |
| 4 | | | |
| 5 | 3.7 | 4.0 to 5.7 ft - stiff sandy clay (CL); brown, orange, red, gray | Wet @ 5.8 ft |
| 6 | | 5.7 to 5.9ft - poorly graded fine clayey sand (SC); gray, tan, black | |
| 7 | | 6.3 to 7.7 ft - poorly graded medium to coarse sand (SP); gray, black | |
| 8 | | | |
| 9 | 3.7 | 8.0 to 8.9 ft - poorly graded medium to coarse sand (SP); gray, black | |
| 10 | | 8.9 to 9.7 ft - well graded fine to medium clayey sand (SC) with wood chips; black, green, gray | |
| 11 | | 9.7-11.7 ft - clayey silt (ML) with wood chips and trace gravel; black | |

BORING LOG: SB-51-2

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, GA PROJECT NO.: — BORING NO.: SB-51-2 BORING DATE: 14-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplir START TIME: 820 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | | COMMENTS |
|--|---------------|---|--|----------|
| | | LITHOLOGICAL DESCRIPTION | | |
| 1 | 2.7 | 0.0 to 0.6 ft - silty top soil (OL) with grass and roots; brown, tan 0.6 to 1.5 ft - poorly graded fine clayey SAND (SC); brown, dark brown, gray 1.5 to 1.7 ft - well graded medium to coarse SAND (SW) with well graded gravel course to cobble | Samples: SB-51-2-0-2 Samples: SB-DUP-3 | |
| 2 | | 1.7 to 1.8 ft - poorly graded fine clayey SAND (SC); brown, dark brown, gray 1.8 to 2.6 ft - stiff sandy clay (CL); brown, orange, red, gray 2.6 to 2.7 ft - poorly graded very fine SAND (SP); tan, brown | | |
| 3 | | | | |
| 4 | | | | |
| 5 | 3.8 | 4.0 to 7.8 ft - sandy CLAY (CL); green, gray, tan, red | Sample: SB-51-2-2-6 Sample: SB-DUP-4 wet @ 5.7 ft | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | 3.7 | 8.0 to 8.4 ft - sandy CLAY (CL); green, gray, tan, red 8.4 to 9.1 ft - poorly graded medium to coarse SAND (SP); gray, black 9.1 to 10.6 ft - clayey SILT (ML) with wood chips and trace gravel | Sample: SB-51-2-6-10 not collected (saturated) | |
| 10 | | | | |
| 11 | | 10.6 to 11.7 ft - poorly graded medium to coarse SAND (SP); gray, black | | |

| BORING LOG: SB-51-3 | | | | |
|--|---------------|---|--|---|
| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, GA PROJECT NO.: — BORING NO.: SB-51-3 BORING DATE: 14-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplir START TIME: 850 DRILLER: Tim Baker and Per RIG: AMS Power LOGGER: Michael Patinkin REVIEWER: Trent Godwin Probe 9500-VTR | | COMMENTS |
| | | LITHOLOGICAL DESCRIPTION | | |
| 1 | 2.7 | 0.0 to 0.9 ft - silty top soil (OL) with SAND, CLAY and grass and roots; brown, tan 0.9 to 1.0 ft - SILT; gray, black 1.0 to 1.7 ft - poorly graded fine clayey SAND (SC) with roots; brown, dark brown, gray | | Sample: SB-51-3-0-2 Sample: SB-51-3-2-6 SB-DUP-5 |
| 2 | | | | |
| 3 | | 1.7 to 2.7 ft - stiff sandy CLAY (CL); brown, orange, red, gray | | |
| 4 | | | | |
| 5 | 3.7 | 4.0 to 5.7 ft - stiff sandy CLAY (CL); brown, orange, red, gray 5.7 to 7.5 ft - sandy CLAY (CL); green, gray, tan, red | | wet @5.6 ft Sample: SB-51-3-6-10 not collected (saturated) |
| 6 | | | | |
| 7 | | 7.5 to 7.7 ft - poorly graded medium to coarse SAND (SP); gray, black | | |
| 8 | | | | |
| 9 | 3.8 | 8.0 to 9.4 ft - poorly graded medium to coarse SAND (SP); gray, black 9.4 to 10.0 ft - well graded fine to medium clayey SAND (SC) with wood chips and trace gravel | | |
| 10 | | 10.0 to 10.6 ft - well graded fine to medium silty SAND (SW SM); brown, green, gray | | |
| 11 | | 10.6 to 11.3 ft - poorly graded fine silty SAND (SM); dark tan, gray | | |
| | | 11.3 to 11.8 ft - clayey SILT (ML) with roots; dark brown | | |

| BORING LOG: SB-51-4 | | | |
|--|---------------|---|---------------------------------------|
| DEPTH (FEET BELOW LAND SURFACE (BLS)) | Recovery (ft) | SITE: Plant Kraft LOCATION: Port Wentworth, Ga PROJECT NO.: — BORING NO.: SB-51-4 BORING DATE: 14-Nov-2016 METHOD: Direct Push Techn BIT DIA.: 2 & 7/8" TOTAL DEPTH: 16 ft BLS GROUND EL.: Not Surveyed DRILLING CO.: Atlas-Geo Samplir START TIME: 925 DRILLER: Tim Baker and Per RIG: AMS Power Probe 9500-VTR LOGGER: Michael Patinkin REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.2 | 0.0 to 0.5 ft - poorly graded coarse GRAVEL with poorly graded fine sand, grass, roots (GP); gray, brown 0.5 to 1.0 ft - poorly graded fine SAND with dark black gravel (SP); black, orange | Samples: SB-51-4-0-2 |
| 2 | | 1.0 to 2.2 ft - poorly graded fine silty SAND (SM); orange, tan, brown 2.2 to 2.6 ft - poorly graded fine clayey SAND (SC); orange, brown 2.6 to 3.2 ft - stiff sandy CLAY (CL); brown, orange, red, gray | Samples: SB-51-4-2-6 |
| 3 | | | |
| 4 | | | |
| 5 | 3.6 | 4.0 to 7.6 ft - sandy CLAY (CL); gray, tan, red | GWT difficult to identify due to clay |
| 6 | | | |
| 7 | | | Samples: SB-51-4-6-10 |
| 8 | | | |
| 9 | 4 | 8.0 to 10.2 ft - sandy CLAY (CL); gray, tan, red | saturated at 10.2 ft |
| 10 | | | |
| 11 | | 10.2 to 11 ft - poorly graded medium to coarse SAND (SP); gray, black 11 to 12 ft - clayey SILT (ML); green, black, brown | |

BORING LOG: SB-51-5

| DEPTH (FEET BELOW LAND SURFACE [BLS]) | Recovery (ft) | SITE: Plant Kraft | | LOCATION: Port Wentworth, GA | |
|--|---------------|--|--|--------------------------------------|--|
| | | BORING NO.: SB-51-5 | | PROJECT NO.: — | |
| | | METHOD: Direct Push Technology | | BORING DATE: 14-Nov-2016 | |
| | | TOTAL DEPTH: 12 ft BLS | | BIT DIA.: 2 & 7/8" | |
| | | DRILLING CO.: Atlas-Geo Sampling Company | | GROUND EL.: Not Surveyed | |
| | | DRILLER: Tim Baker and Penny Whitaker | | START TIME: 1010 | |
| | | LOGGER: Michael Patinkin | | RIG: AMS Power Probe 9500-VTR | |
| | | REVIEWER: Trent Godwin | | | |
| | | LITHOLOGICAL DESCRIPTION | | COMMENTS | |
| 1 | 2.9 | 0.0 TO 0.6 ft - silty top soil with sand, clay, grass, roots (OL); brown, tan | | Sample: SB-51-5-0-2 | |
| 2 | | 0.6 to 1.3 ft - poorly graded fine silty SAND (SM); orange, tan, brown, gray | | | |
| 3 | | 1.3 to 2.6 ft - ASH FILL (ML); dark gray | | | |
| 4 | 3.5 | 2.6 to 2.9 ft - poorly graded fine clayey SAND (SC); orange, brown | | Sample: SB-51-5-2-6 | |
| 5 | | 4.0 to 4.9 ft - poorly graded fine clayey SAND (SC); orange, brown | | | |
| 6 | 3.7 | 4.9 to 6.8 ft - sandy CLAY (CL); green, gray, tan, red | | Wet at ~7 ft Sample: SB-51-5-6-8 | |
| 7 | | 6.8 to 7.5 ft - poorly graded fine clayey SAND (SC); gray, tan, black | | | |
| 8 | 3.7 | 8.0 to 8.5 ft - poorly graded fine clayey SAND (SC); gray, tan, black | | Saturated at 8.5 ft | |
| 9 | | 8.5 to 9.5 ft - well graded fine to medium clayey SAND (SC); black, green, gray | | | |
| 10 | | 9.5 to 9.7 ft - clayey SILT (ML) with trace gravel; black | | | |
| 11 | | 9.7 to 11.0 ft - well graded fine to medium SAND with silt (SW-SM); brown, green, gray | | Bottom of borehole at 12 ft | |
| | | 11.0 to 11.7 ft - clayey SILT (ML); dark brown | | | |

BORING LOG: SB-51-6

| DEPTH (FEET BELOW LAND SURFACE [BLS]) | Recovery (ft) | SITE: Plant Kraft | | LOCATION: Port Wentworth, GA | |
|--|---|--|--|---------------------------------------|--|
| | | BORING NO.: SB-51-6 | | PROJECT NO.: — | |
| | | METHOD: Direct Push Technology | | BORING DATE: 14-Nov-2016 | |
| | | TOTAL DEPTH: 12 ft BLS | | GROUND EL.: Not Surveyed | |
| | | DRILLING CO.: Atlas-Geo Sampling Company | | START TIME: 1035 | |
| | | DRILLER: Tim Baker and Penny Whitaker | | RIG: AMS Power Probe 9500-VTR | |
| | | LOGGER: Michael Patinkin | | REVIEWER: Trent Godwin | |
| | | LITHOLOGICAL DESCRIPTION | | COMMENTS | |
| 1 | 3.3 | 0.0 to 0.3 ft - poorly graded fine SAND with grass, roots (SP); gray, brown | | Sample: SB-51-6-0-2 | |
| 2 | | 0.3 to 1.5 ft - poorly graded fine SAND with black gravel (SP); black, orange | | | |
| 3 | | 1.5 to 2.9 ft - ASH FILL (ML); dark gray | | | |
| 4 | 3.2 | 2.9 to 3.3 ft - stiff sandy CLAY (CL); brown, orange, red, gray | | Sample: SB-51-6-2-6 | |
| 5 | | 4.0 to 7.2 ft - sandy CLAY (CL); green, gray, tan, red | | Sample: SB-51-6-6-8 | |
| 6 | 4 | 8.0 to 8.4 ft - sandy CLAY (CL); green gray, tan, red | | GWT difficult to identify due to clay | |
| 7 | | 8.4 to 9.3 ft - loose silty CLAY with gravel (CL); gray | | | |
| 8 | | 9.3 to 9.7 ft - sandy CLAY (CL); gray, tan, dark brown | | | |
| 9 | | 9.7 to 10.1 ft - well graded fine to medium SAND with silt (SW-SM); brown, green, gray | | Bottom of borehole at 12 ft | |
| 10 | 10.1 to 11.3 ft - sandy CLAY (CL); green, gray, tan, red | | | | |
| 11 | 11.3 to 12.0 ft - poorly graded medium to coarse SAND (SP); gray, black | | | | |
| 12 | | | | | |

BORING LOG: SB-51-7

| DEPTH (FEET BELOW LAND SURFACE [BLS]) | Recovery (ft) | SITE: Plant Kraft BORING NO.: SB-51-7 METHOD: Direct Push Technology TOTAL DEPTH: 16 ft BLS DRILLING CO.: Atlas-Geo Sampling Company DRILLER: Tim Baker and Penny Whitaker LOGGER: Michael Patinkin | LOCATION: Port Wentworth, GA PROJECT NO.: — BORING DATE: 14-Nov-2016 BIT DIA.: 2 & 7/8" GROUND EL.: Not Surveyed START TIME: 1110 RIG: AMS Power Probe 9500-VTR REVIEWER: Trent Godwin |
|--|--|--|---|
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.7 | 0.0 TO 0.4 ft - poorly graded GRAVEL with poorly graded fine sand, sand, roots (GM); gray, brown | Sample: SB-51-7-0-2 |
| 2 | | 0.4 to 0.7 ft - poorly graded very fine SAND with gravel, roots (SP); orange, tan, red | |
| 3 | | 0.7 to 1.8 - poorly graded fine SAND with clay (SM-SC); brown, gray, tan | |
| 4 | 3.6 | 1.8 to 3.7 ft - sandy ASH FILL (ML); dark gray | Sample: SB-51-7-2-6 |
| 5 | | 4.0 to 4.6 ft - sandy ASH FILL (ML); dark gray | Sample: SB-51-7-6-9 GWT difficult to identify due to clay |
| 6 | 4.6 to 7.6 ft - sandy CLAY (CL); green, gray, tan, red | | |
| 7 | 3.5 | 8.0 to 9.1 ft - sandy CLAY (CL); green, gray, tan, red | Saturated at 9.6 ft |
| 8 | | 9.1 to 10.0 ft - soft sandy fat CLAY (CH); green, gray, black, red | |
| 9 | | 10.0 to 10.6 ft - poorly graded medium to coarse SAND (SP); gray, black | |
| 10 | 3.5 | 10.6 to 11.5 ft - poorly graded fine silty SAND (SM); green, black | Bottom of borehole at 12 ft |
| 11 | | | |

BORING LOG: SB-51-8

| DEPTH (FEET BELOW LAND SURFACE) (BLS) | Recovery (ft) | SITE: Plant Kraft BORING NO.: SB-51-8 METHOD: Direct Push Technology TOTAL DEPTH: 8 ft BLS DRILLING CO.: Atlas-Geo Sampling Company DRILLER: Sammy and Joseph LOGGER: Michael Patinkin | LOCATION: Port Wentworth, GA PROJECT NO.: — BORING DATE: 1-Feb-2017 BIT DIA.: 2 & 7/8" GROUND EL.: Not Surveyed START TIME: 1305 RIG: Massey Ferguson Tractor REVIEWER: Trent Godwin |
|--|---------------|---|---|
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.8 | 0.0 to 0.8 ft - sandy SILT with GRAVEL (OL) roots, grass; | |
| 2 | | 0.8 to 1.4 ft - poorly graded fine to medium clayey SAND (SC); dark brown, gray, tan | Moist at 1.0 ft |
| 3 | | 1.4 to 3.8 ft - ASH FILL (ML); dark gray, black | Wet at 2.0 ft Saturated at 2.5 ft |
| 4 | 2.9 | 4.0 to 4.8 ft - sandy CLAY (CL); gray, tan | |
| 5 | | 4.8 to 6.9 ft - fat CLAY (CH); gray, tan, orange | Bottom of borehole at 8 feet |

BORING LOG: SB-51-9

| DEPTH (FEET BELOW LAND SURFACE [BLS]) | Recovery (ft) | SITE: Plant Kraft BORING NO.: SB-51-9 METHOD: Direct Push Technology TOTAL DEPTH: 8 ft BLS DRILLING CO.: Atlas-Geo Sampling Company DRILLER: Sammy and Joseph LOGGER: Michael Patinkin | LOCATION: Port Wentworth, GA PROJECT NO.: — BORING DATE: 1-Feb-2017 BIT DIA.: 2 & 7/8" GROUND EL.: Not Surveyed START TIME: 1335 RIG: Massey Ferguson Tractor REVIEWER: Trent Godwin |
|--|---------------|---|---|
| | | LITHOLOGICAL DESCRIPTION | COMMENTS |
| 1 | 3.6 | 0.0 to 1.4 ft - poorly graded silty SAND (SM); brown, black, tan | |
| 2 | | 1.4 to 3.6 ft - ASH FILL (ML); dark gray | Moist at 1.5 ft |
| 3 | 4.0 | 4.0 to 5.3 ft - ASH FILL (ML); dark gray | Wet at 2.0 ft Saturated at 2.5 ft |
| 5 | | 5.3 to 7.0 ft - sandy CLAY (CL); gray, tan, orange 7.0 to 8.0 ft - fat CLAY (CH); gray, tan, orange | Bottom of borehole at 8 feet |



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 1003 Weatherstone Parkway Suite 320
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BORING NUMBER PLB-1

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft
PROJECT NUMBER _____ **PROJECT LOCATION** Port Wentworth, GA
DATE STARTED 2/27/18 **COMPLETED** 2/27/18 **GROUND ELEVATION** 18 ft NAVD 88 **HOLE SIZE** 4 inches
DRILLING CONTRACTOR Atlas Geo-sampling **GROUND WATER LEVELS:**
DRILLING METHOD DPT **AT TIME OF DRILLING** ---
LOGGED BY Kevin Stephenson **CHECKED BY** _____ **AT END OF DRILLING** ---
NOTES _____ **AFTER DRILLING** ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|--------------------------------|--------------|
| 0 | | | |
| 0.5 | | Brown Topsoil | 17.5 |
| | | (SP) Tan PG WS Fine Sand | |
| 3.0 | | Gray Ash | 15.0 |
| 4.0 | | (CL) Red Brown Clay | 14.0 |
| 5.0 | | (SC) Tan Brown Clayey Sand | 13.0 |
| 7.0 | | (CL) Tan Brown Clay | 11.0 |
| 11.0 | | (SP) Tan Brown PG WS Fine Sand | 7.0 |
| 12.0 | | | 6.0 |

Bottom of borehole at 12.0 feet.

SIMPLE WELL - GINT STD US LAB.GDT - 5/10/18 09:45 - X:\PROJECTS\TROUTMAN SANDERS\PLANT KRAFT\GINT FILES\KRAFT PARKING LOT BORINGS.GPJ



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 1003 Weatherstone Parkway Suite 320
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BORING NUMBER PLB-2

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER _____ PROJECT LOCATION Port Wentworth, GA
 DATE STARTED 2/27/18 COMPLETED 2/27/18 GROUND ELEVATION 16 ft NAVD 88 HOLE SIZE 4 inches
 DRILLING CONTRACTOR Atlas Geo-sampling GROUND WATER LEVELS:
 DRILLING METHOD DPT AT TIME OF DRILLING ---
 LOGGED BY Kevin Stephenson CHECKED BY _____ AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|----------------------------------|-------------|----------------------------------|--------------|
| 0 | | | |
| 0.5 | | (OL) Brown Topsoil | 15.5 |
| | | (SP) Tan PG WS Fine Sand | |
| 5 | | | |
| 5.5 | | (SC) Red brown Clayey Sand | 10.5 |
| 7.0 | | (CL) Brown Clay | 9.0 |
| 9.0 | | (CL) Gray Tan Modeled Sandy Clay | 7.0 |
| 10 | | | |
| 11.0 | | (CH) Gray Fat Clay | 5.0 |
| 13.0 | | (SC) Gray Tan Clayey Sand | 3.0 |
| 15 | | | |
| 15.0 | | (SP) Gray Orange PG WS Fine Sand | 1.0 |
| 16.0 | | | 0.0 |
| Bottom of borehole at 16.0 feet. | | | |

SIMPLE WELL - GINT STD US LAB.GDT - 5/10/18 09:45 - X:\PROJECTS\TROUTMAN SANDERS\PLANT KRAFT\GINT FILES\KRAFT PARKING LOT BORINGS.GPJ



Resolute Environmental & Water Resources Consulting, LLC
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 Woodstock, GA 301888
 Telephone: (678) 398-9942

BORING NUMBER PLB-3

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER _____ PROJECT LOCATION Port Wentworth, GA
 DATE STARTED 2/27/18 COMPLETED 2/27/18 GROUND ELEVATION 11 ft NAVD 88 HOLE SIZE 4 inches
 DRILLING CONTRACTOR Atlas Geo-sampling GROUND WATER LEVELS:
 DRILLING METHOD DPT AT TIME OF DRILLING ---
 LOGGED BY Kevin Stephenson CHECKED BY _____ AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|--------------------------------|--------------|
| 0 | | (SP) Brown Tan PG WS Fine Sand | |
| 2.0 | | Gray Ash | 9.0 |
| 5 | | | |
| 6.0 | | (SW) Tan Medium Sand | 5.0 |
| 9.0 | | (CH) Gray Clay | 2.0 |
| 10 | | | |
| 11.0 | | (CL) Gray Sandy Clay | 0.0 |
| 12.0 | | | -1.0 |

Bottom of borehole at 12.0 feet.

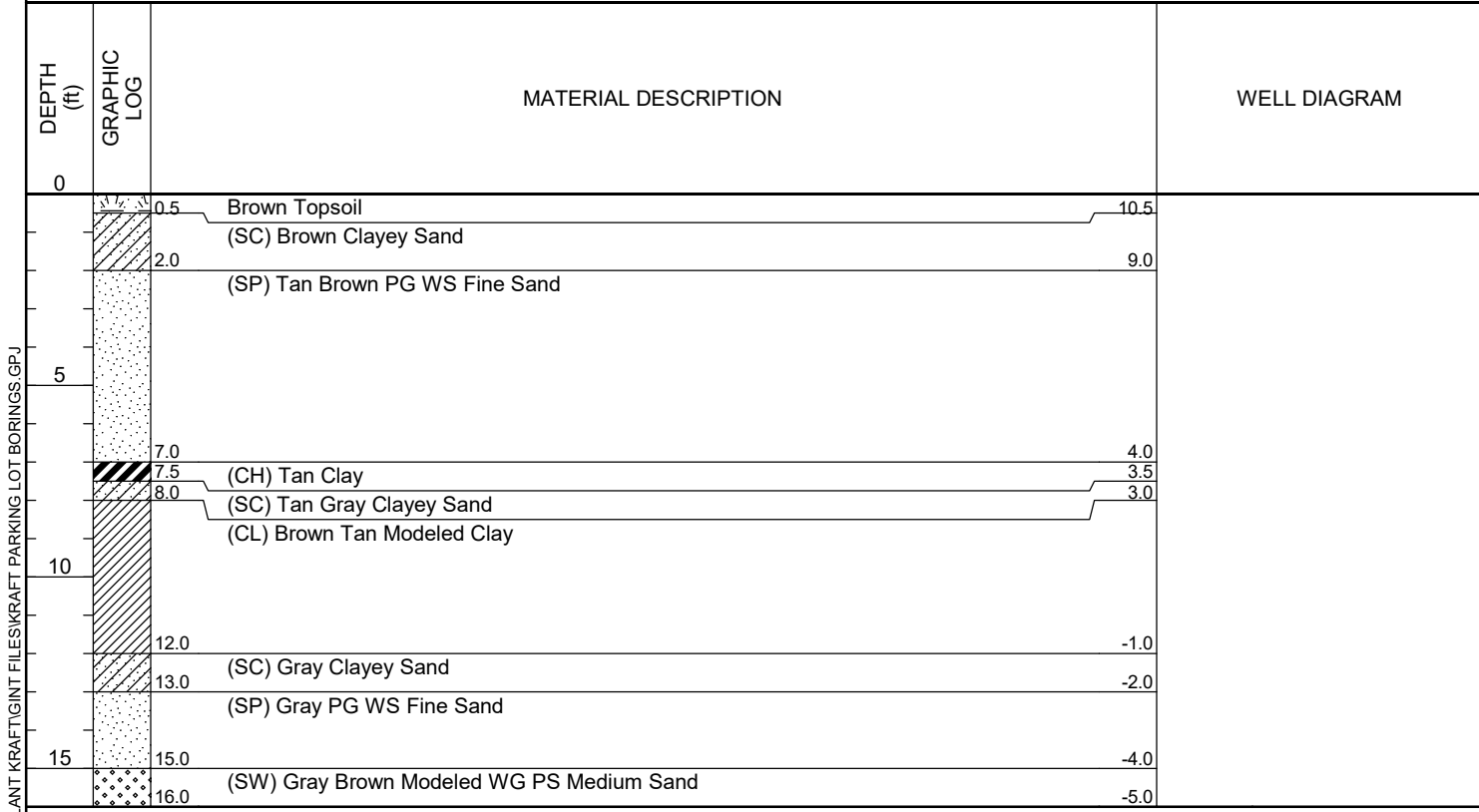
SIMPLE WELL - GINT STD US LAB.GDT - 5/10/18 09:45 - X:\PROJECTS\TROUTMAN SANDERS\PLANT KRAFT\GINT FILES\KRAFT PARKING LOT BORINGS.GPJ



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BORING NUMBER PLB-4

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER _____ PROJECT LOCATION Port Wentworth, GA
 DATE STARTED 2/27/18 COMPLETED 2/27/18 GROUND ELEVATION 11 ft NAVD 88 HOLE SIZE 4 inches
 DRILLING CONTRACTOR Atlas Geo-sampling GROUND WATER LEVELS:
 DRILLING METHOD DPT AT TIME OF DRILLING ---
 LOGGED BY Kevin Stephenson CHECKED BY _____ AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---



Bottom of borehole at 16.0 feet.

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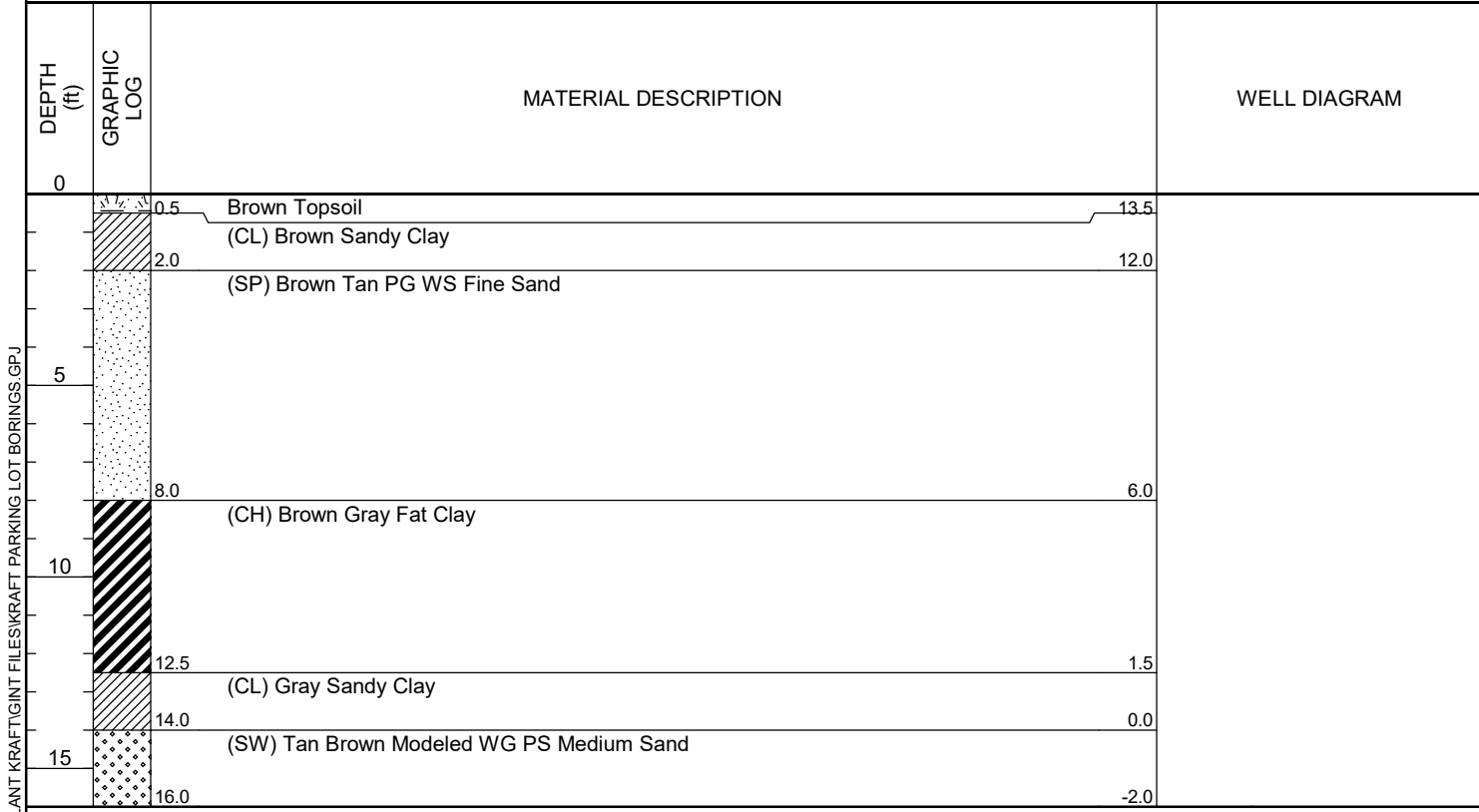


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BORING NUMBER PLB-5

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| | |
|--|---|
| CLIENT <u>Georgia Power Company</u> | PROJECT NAME <u>Plant Kraft</u> |
| PROJECT NUMBER _____ | PROJECT LOCATION <u>Port Wentworth, GA</u> |
| DATE STARTED <u>2/27/18</u> COMPLETED <u>2/27/18</u> | GROUND ELEVATION <u>14 ft NAVD 88</u> HOLE SIZE <u>4 inches</u> |
| DRILLING CONTRACTOR <u>Atlas Geo-sampling</u> | GROUND WATER LEVELS: |
| DRILLING METHOD <u>DPT</u> | AT TIME OF DRILLING <u>---</u> |
| LOGGED BY <u>Kevin Stephenson</u> CHECKED BY _____ | AT END OF DRILLING <u>---</u> |
| NOTES _____ | AFTER DRILLING <u>---</u> |



Bottom of borehole at 16.0 feet.

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BORING NUMBER PLB-6

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER _____ PROJECT LOCATION Port Wentworth, GA
 DATE STARTED 2/27/18 COMPLETED 2/27/18 GROUND ELEVATION 12 ft NAVD 88 HOLE SIZE 4 inches
 DRILLING CONTRACTOR Atlas Geo-sampling GROUND WATER LEVELS:
 DRILLING METHOD DPT AT TIME OF DRILLING ---
 LOGGED BY Kevin Stephenson CHECKED BY _____ AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---

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| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|----------------------------|--------------|
| 0 | | | |
| 0.5 | | Brown Tan Topsoil | 11.5 |
| | | (SC) Tan Brown Clayey Sand | |
| 2.0 | | Gray Ash | 10.0 |
| 6.0 | | (SC) Gray Clayey Sand | 6.0 |
| 7.0 | | (CL) Gray Sandy Clay | 5.0 |
| 9.0 | | (SC) Gray Clayey Sand | 3.0 |
| 10.0 | | (SP) Gray PG WS Fine Sand | 2.0 |
| 11.0 | | (CH) Gray Fat Clay | 1.0 |
| 12.0 | | | 0.0 |

Bottom of borehole at 12.0 feet.

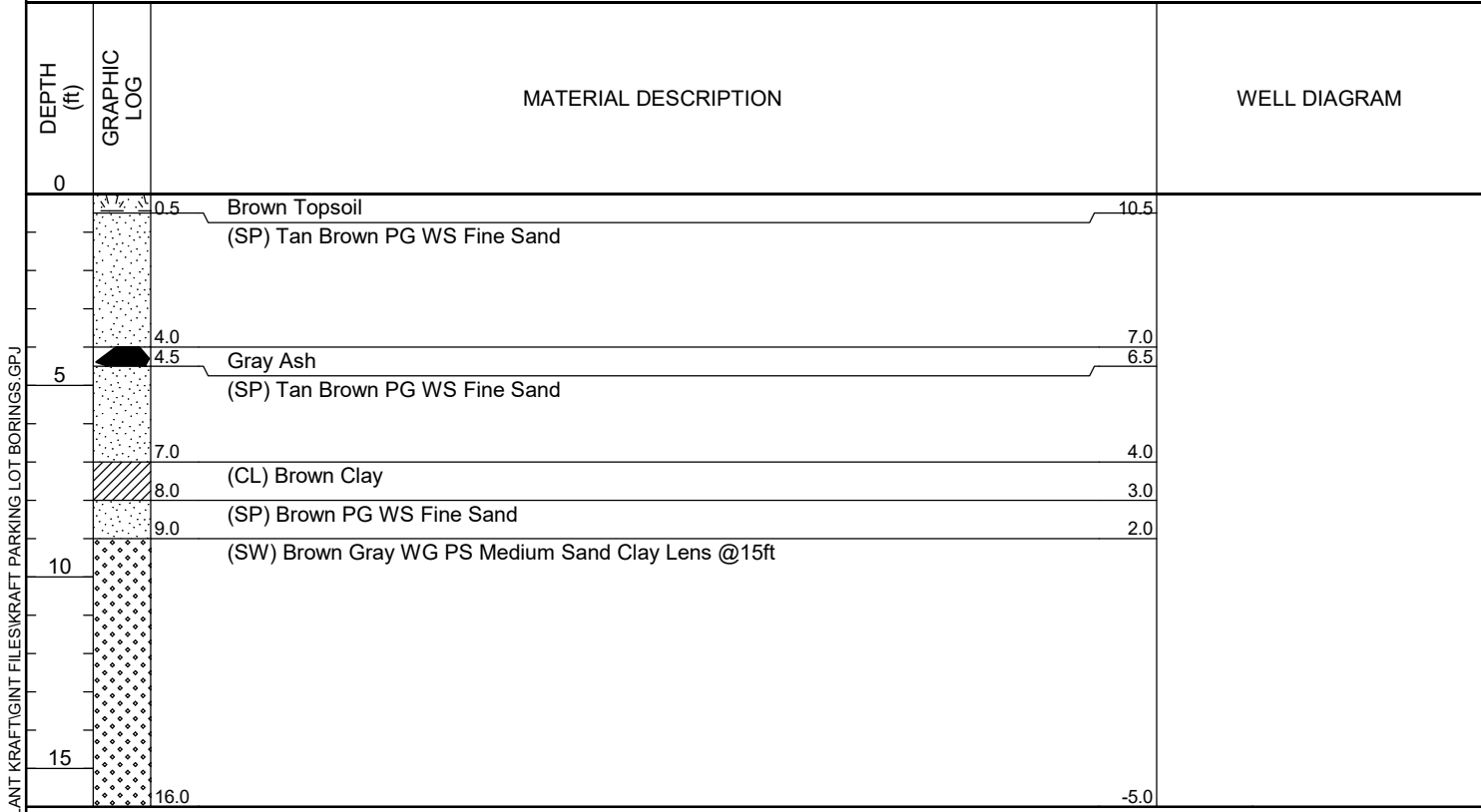


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BORING NUMBER PLB-7

PAGE 1 OF 1

| | |
|---|--|
| CLIENT Georgia Power Company | PROJECT NAME Plant Kraft |
| PROJECT NUMBER | PROJECT LOCATION Port Wentworth, GA |
| DATE STARTED 2/27/18 | COMPLETED 2/27/18 |
| DRILLING CONTRACTOR Atlas Geo-sampling | GROUND ELEVATION 11 ft NAVD 88 |
| DRILLING METHOD DPT | HOLE SIZE 4 inches |
| LOGGED BY Kevin Stephenson | CHECKED BY |
| NOTES | GROUND WATER LEVELS: |
| | AT TIME OF DRILLING --- |
| | AT END OF DRILLING --- |
| | AFTER DRILLING --- |



Bottom of borehole at 16.0 feet.

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BORING NUMBER PLB-8

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft
PROJECT NUMBER _____ **PROJECT LOCATION** Port Wentworth, GA
DATE STARTED 2/28/18 **COMPLETED** 2/28/18 **GROUND ELEVATION** 21 ft NAVD 88 **HOLE SIZE** 4 inches
DRILLING CONTRACTOR Atlas Geo-sampling **GROUND WATER LEVELS:**
DRILLING METHOD DPT **AT TIME OF DRILLING** ---
LOGGED BY Kevin Stephenson **CHECKED BY** _____ **AT END OF DRILLING** ---
NOTES _____ **AFTER DRILLING** ---

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| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|--------------------------------|--------------|
| 0 | | | |
| 1.0 | | Brown Topsoil | 20.0 |
| 3.0 | | (CL) Brown Red Sandy Clay | 18.0 |
| 5.0 | | Gray Ash | 16.0 |
| 7.0 | | (SP) Tan Brown WS PG Fine Sand | 14.0 |
| 8.0 | | (SC) Brown Gray Clayey Sand | 13.0 |
| 11.0 | | (CH) Gray Brown Fat Clay | 10.0 |
| 12.0 | | (SC) Brown Gray Clayey Sand | 9.0 |

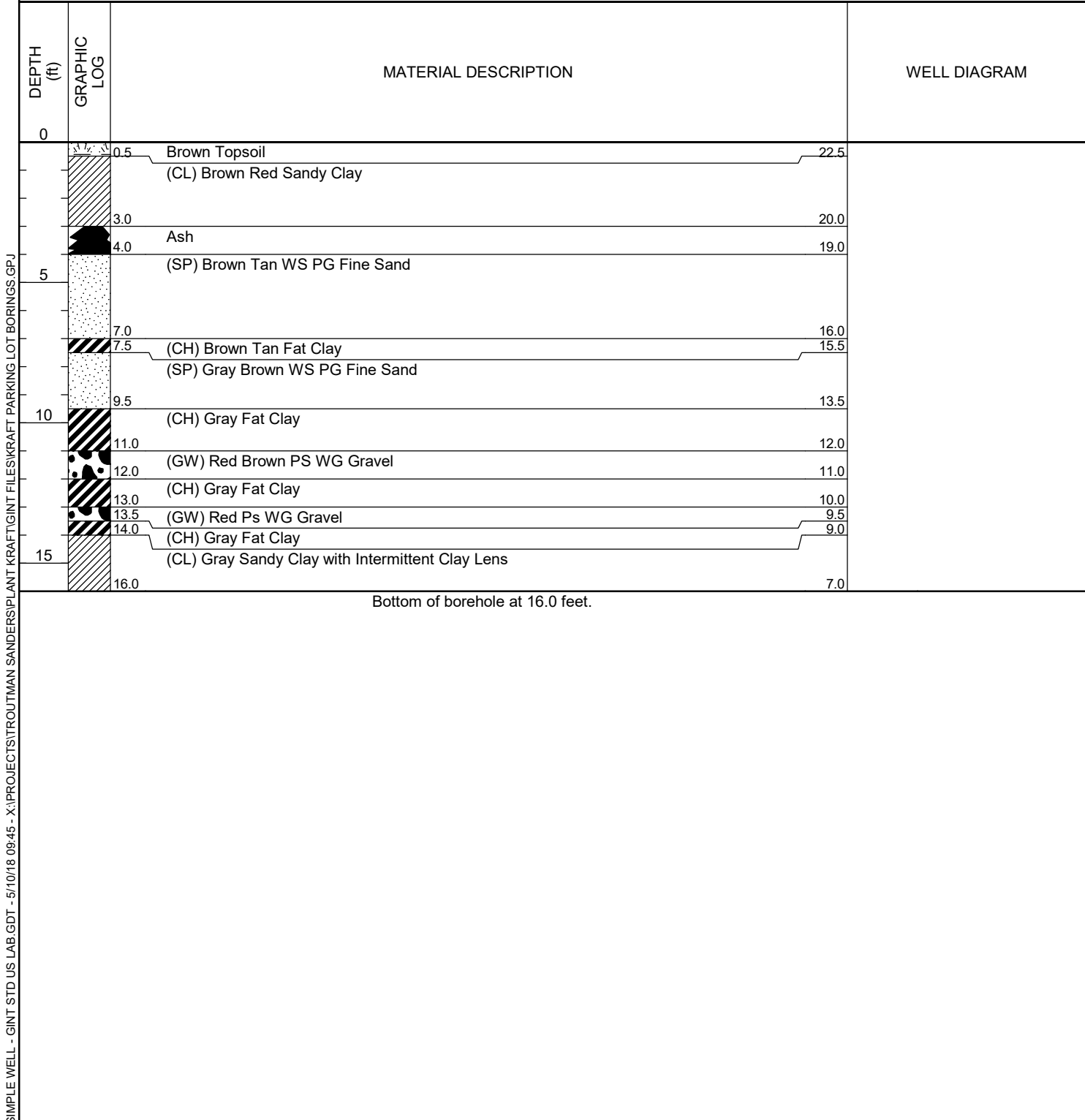
Bottom of borehole at 12.0 feet.



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BORING NUMBER PLB-9

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER _____ PROJECT LOCATION Port Wentworth, GA
 DATE STARTED 2/28/18 COMPLETED 2/28/18 GROUND ELEVATION 23 ft NAVD 88 HOLE SIZE 4 inches
 DRILLING CONTRACTOR Atlas Geo-sampling GROUND WATER LEVELS:
 DRILLING METHOD DPT AT TIME OF DRILLING ---
 LOGGED BY Kevin Stephenson CHECKED BY _____ AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---





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BORING NUMBER PLB-10

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft
PROJECT NUMBER _____ **PROJECT LOCATION** Port Wentworth, GA
DATE STARTED 2/28/18 **COMPLETED** 2/28/18 **GROUND ELEVATION** 23 ft NAVD 88 **HOLE SIZE** 4 inches
DRILLING CONTRACTOR Atlas Geo-sampling **GROUND WATER LEVELS:**
DRILLING METHOD DPT **AT TIME OF DRILLING** ---
LOGGED BY Kevin Stephenson **CHECKED BY** _____ **AT END OF DRILLING** ---
NOTES _____ **AFTER DRILLING** ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|--|--------------|
| 0 | | | |
| | | (GW) Gray Brown WG PS Gravel (SP) Tan Brown PG WS Fine Sand | |
| 5 | 5.0 | (CL) Brown Tan Sandy Clay | 18.0 |
| | 9.0 | (CH) Gray Fat Clay | 14.0 |
| 10 | 12.0 | (CL) Brown Gray Sandy Clay | 11.0 |
| | 14.0 | (SP) Brown Gray PG WS Fine Sand | 9.0 |
| 15 | 15.0 | (SW) Brown Gray WG PS Medium Sand | 8.0 |
| | 16.0 | | 7.0 |

Bottom of borehole at 16.0 feet.

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BORING NUMBER PLB-11

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft

PROJECT NUMBER _____ **PROJECT LOCATION** Port Wentworth, GA

DATE STARTED 2/28/18 **COMPLETED** 2/28/18 **GROUND ELEVATION** 21 ft NAVD 88 **HOLE SIZE** 4 inches

DRILLING CONTRACTOR Atlas Geo-sampling **GROUND WATER LEVELS:**

DRILLING METHOD DPT **AT TIME OF DRILLING** ---

LOGGED BY Kevin Stephenson **CHECKED BY** _____ **AT END OF DRILLING** ---

NOTES _____ **AFTER DRILLING** ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|--|--------------|
| 0 | | | |
| 0.5 | | (GW) Gray Brown WG PS Gravel | 20.5 |
| | | (SP) Tan PG WS Fine Sand | |
| 3.0 | | Ash | 18.0 |
| 3.5 | | Ash | 17.5 |
| 4.5 | | (SC) Brown Clayey Sand | 16.5 |
| 5.0 | | Ash | 16.0 |
| 6.0 | | (SP) Brown Gray PG WS Fine Sand. Refusal at 6ft. | 15.0 |

Refusal at 6.0 feet.
 Bottom of borehole at 6.0 feet.

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BORING NUMBER PLB-12

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft

PROJECT NUMBER _____ **PROJECT LOCATION** Port Wentworth, GA

DATE STARTED 2/28/18 **COMPLETED** 2/28/18 **GROUND ELEVATION** 20 ft NAVD 88 **HOLE SIZE** 4 inches

DRILLING CONTRACTOR Atlas Geo-sampling **GROUND WATER LEVELS:**

DRILLING METHOD DPT **AT TIME OF DRILLING** ---

LOGGED BY Kevin Stephenson **CHECKED BY** _____ **AT END OF DRILLING** ---

NOTES _____ **AFTER DRILLING** ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|----------------------------------|-------------|-----------------------------------|--------------|
| 0 | | | |
| | | (GW) Gray Brown WG PS Gravel | |
| 2.0 | | | 18.0 |
| | | (CL) Brown Tan Sandy Clay | |
| 5 | | | |
| | | (SP) Tan Brown PG WS Fine Sand | |
| 6.0 | | | 14.0 |
| | | (SC) Gray Brown Clayey Sand | |
| 7.0 | | | 13.0 |
| | | (CL) Brown Gray Sandy Clay | |
| 9.0 | | | 11.0 |
| | | (SC) Brown Gray Clayey Sand | |
| 10.0 | | | 10.0 |
| | | (SW) Gray Brown WG PS Medium Sand | |
| 12.0 | | | 8.0 |
| | | (SC) Brown Tan Gray Clayey Sand | |
| 14.0 | | | 6.0 |
| | | (SC) Brown Tan Gray Clayey Sand | |
| 15 | | | |
| 16.0 | | | 4.0 |
| Bottom of borehole at 16.0 feet. | | | |

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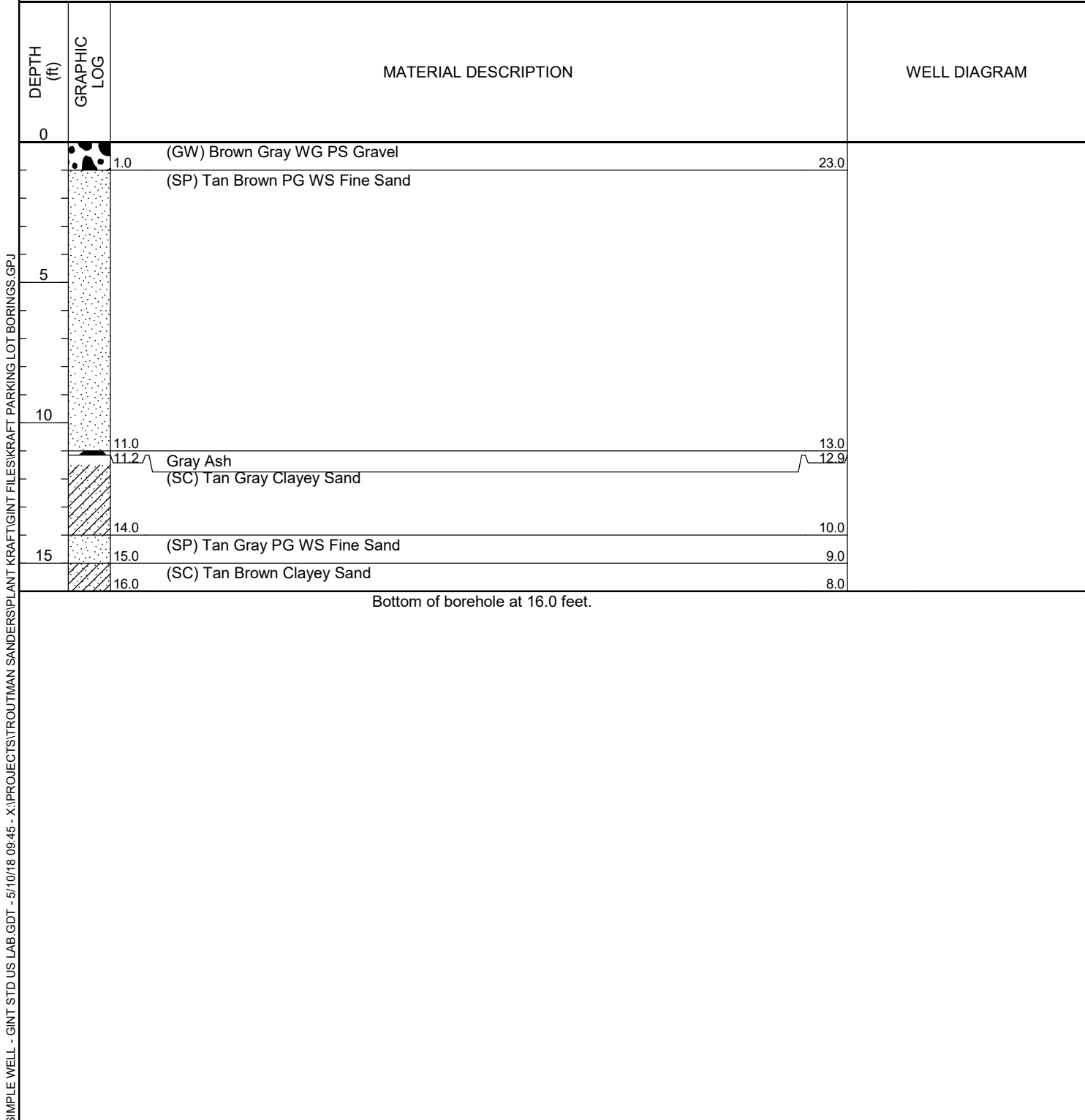


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BORING NUMBER PLB-13

PAGE 1 OF 1

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER _____ PROJECT LOCATION Port Wentworth, GA
 DATE STARTED 2/28/18 COMPLETED 2/28/18 GROUND ELEVATION 24 ft NAVD 88 HOLE SIZE 4 inches
 DRILLING CONTRACTOR Atlas Geo-sampling GROUND WATER LEVELS:
 DRILLING METHOD DPT AT TIME OF DRILLING ---
 LOGGED BY Kevin Stephenson CHECKED BY _____ AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---





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BORING NUMBER PLB-14

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft
PROJECT NUMBER _____ **PROJECT LOCATION** Port Wentworth, GA
DATE STARTED 2/28/18 **COMPLETED** 2/28/18 **GROUND ELEVATION** 20 ft NAVD 88 **HOLE SIZE** 4 inches
DRILLING CONTRACTOR Atlas Geo-sampling **GROUND WATER LEVELS:**
DRILLING METHOD DPT **AT TIME OF DRILLING** ---
LOGGED BY Kevin Stephenson **CHECKED BY** _____ **AT END OF DRILLING** ---
NOTES _____ **AFTER DRILLING** ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|----------------------------------|--------------|
| 0 | | | |
| | | (GW) Brown Gray WG PS Gravel | 19.0 |
| | | (SP) Brown PG WS Fine Sand | 18.5 |
| | | (CL) Brown Orange Sandy Clay | |
| 5 | | | |
| 10 | | (SC) Tan Brown Clayey Sand | 10.0 |
| | | Bottom of borehole at 12.0 feet. | 8.0 |

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BORING NUMBER PLB-15

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER _____ PROJECT LOCATION Port Wentworth, GA
 DATE STARTED 2/28/18 COMPLETED 2/28/18 GROUND ELEVATION 20 ft NAVD 88 HOLE SIZE 4 inches
 DRILLING CONTRACTOR Atlas Geo-sampling GROUND WATER LEVELS:
 DRILLING METHOD DPT AT TIME OF DRILLING ---
 LOGGED BY Kevin Stephenson CHECKED BY _____ AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|--------------------------------------|--------------|
| 0 | | | |
| 1.0 | | (GW) Gray WG PS Gravel | 19.0 |
| 4.0 | | (CL) Brown Red Sandy Clay | 16.0 |
| 5.0 | | (SP) Tan Gray PG WS Fine Sand | 15.0 |
| 11.0 | | (CL) Tan Red Gray Modeled Sandy Clay | |
| 11.3 | | Ash | 9.0 |
| 12.0 | | (SP) Tan Gray PG WS Fine Sand | 8.8 |
| 12.5 | | (SC) Tan Gray Clayey Sand | 8.0 |
| 13.5 | | (CH) Gray Fat Clay | 7.5 |
| 15.0 | | (CL) Gray Sandy Clay | 6.5 |
| 16.0 | | (SW) Tan Gray WG PS Medium Sand | 5.0 |
| | | Bottom of borehole at 16.0 feet. | 4.0 |

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BORING NUMBER PLB-16

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER _____ PROJECT LOCATION Port Wentworth, GA
 DATE STARTED 2/28/18 COMPLETED 2/28/18 GROUND ELEVATION 20 ft NAVD 88 HOLE SIZE 4 inches
 DRILLING CONTRACTOR Atlas Geo-sampling GROUND WATER LEVELS:
 DRILLING METHOD DPT AT TIME OF DRILLING ---
 LOGGED BY Kevin Stephenson CHECKED BY _____ AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|---|--------------|
| 0 | | | |
| 1.5 | | (GW) Gray WG PS Gravel | 18.5 |
| 5 | | (CL) Brown Orange Gray Modeled Sandy Clay | |
| 10 | | | 10.0 |
| 11.0 | | (CH) Gray Clay | 9.0 |
| 12.0 | | (CL) Gray Sandy Clay | 8.0 |

Bottom of borehole at 12.0 feet.

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BORING NUMBER PLB-17

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER _____ PROJECT LOCATION Port Wentworth, GA
 DATE STARTED 2/28/18 COMPLETED 2/28/18 GROUND ELEVATION 19 ft NAVD 88 HOLE SIZE 4 inches
 DRILLING CONTRACTOR Atlas Geo-sampling GROUND WATER LEVELS:
 DRILLING METHOD DPT AT TIME OF DRILLING ---
 LOGGED BY Kevin Stephenson CHECKED BY _____ AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|----------------------------------|-------------|---------------------------------------|--------------|
| 0 | | | |
| 1.0 | | (GW) Gray WG PS Gravel | 18.0 |
| 5 | | (CL) Brown Red Tan Modeled Sandy Clay | |
| 10 | | | |
| 10.0 | | | 9.0 |
| 11.0 | | Ash | 8.0 |
| 12.0 | | (SP) Gray PG WS Fine Sand | 7.0 |
| 13.0 | | Ash | 6.0 |
| 15 | | (CL) Gray Tan Sandy Clay | |
| 16.0 | | | 3.0 |
| Bottom of borehole at 16.0 feet. | | | |

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BORING NUMBER PLB-18

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER _____ PROJECT LOCATION Port Wentworth, GA
 DATE STARTED 2/28/18 COMPLETED 2/28/18 GROUND ELEVATION 19 ft NAVD 88 HOLE SIZE 4 inches
 DRILLING CONTRACTOR Atlas Geo-sampling GROUND WATER LEVELS:
 DRILLING METHOD DPT AT TIME OF DRILLING ---
 LOGGED BY Kevin Stephenson CHECKED BY _____ AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|----------------------------------|-------------|---------------------------------|--------------|
| 0 | | | |
| 1.0 | | (GW) Gray Brown WG PS Gravel | 18.0 |
| 5.0 | | (CL) Brown Red Sandy Clay | |
| 8.0 | | (SW) Tan Gray WG PS Medium Sand | 11.0 |
| 10.0 | | (CH) Gray Clay | 9.0 |
| 10.3 | | Ash | 8.8 |
| 15.0 | | (CL) Gray Sandy Clay | 4.0 |
| 16.0 | | | 3.0 |
| Bottom of borehole at 16.0 feet. | | | |

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BORING NUMBER PLB-19

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft

PROJECT NUMBER _____ **PROJECT LOCATION** Port Wentworth, GA

DATE STARTED 2/28/18 **COMPLETED** 2/28/18 **GROUND ELEVATION** 23 ft NAVD 88 **HOLE SIZE** 4 inches

DRILLING CONTRACTOR Atlas Geo-sampling **GROUND WATER LEVELS:**

DRILLING METHOD DPT **AT TIME OF DRILLING** ---

LOGGED BY Kevin Stephenson **CHECKED BY** _____ **AT END OF DRILLING** ---

NOTES _____ **AFTER DRILLING** ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|----------------------------------|-------------|---|--------------|
| 0 | | | |
| 1.0 | | (GW) Gray Brown WG PS Gravel | 22.0 |
| | | (CL) Brown Red Modeled Sandy Clay | |
| 5 | | | |
| 9.0 | | (SW) Brown Gray WG PS Medium Sand | 14.0 |
| 10.0 | | (OL) Black Organic-Rich Silty Clay | 13.0 |
| 14.0 | | (SP) Gray PG WS Fine Sand | 9.0 |
| 14.5 | | (OL) Black Gray Organic-Rich Silty Clay | 8.5 |
| 15 | | | |
| 16.0 | | | 7.0 |
| Bottom of borehole at 16.0 feet. | | | |

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BORING NUMBER PLB-20

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER _____ PROJECT LOCATION Port Wentworth, GA
 DATE STARTED 2/28/18 COMPLETED 2/28/18 GROUND ELEVATION 24 ft NAVD 88 HOLE SIZE 4 inches
 DRILLING CONTRACTOR Atlas Geo-sampling GROUND WATER LEVELS:
 DRILLING METHOD DPT AT TIME OF DRILLING ---
 LOGGED BY Kevin Stephenson CHECKED BY _____ AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|----------------------------------|-------------|---|--------------|
| 0 | | | |
| 1.0 | | (GW) Gray WG PS Gravel | 23.0 |
| 2.0 | | (SP) Brown Gray PG WS Fine Sand | 22.0 |
| | | (CL) Brown Tan Red Modeled Sandy Clay | |
| 5 | | | |
| 9.0 | | (SP) Gray Tan PG WS Fine Sand | 15.0 |
| 10.0 | | (OH) Black Gray Organic-Rich Silty Clay | 14.0 |
| 12.5 | | (SP) Gray Brown PG WS Fine Sand | 11.5 |
| 14.0 | | (CH) Gray Clay | 10.0 |
| 15.0 | | (CH) Gray Clay | 9.0 |
| 16.0 | | (SW) Gray WG PS Medium Sand | 8.0 |
| Bottom of borehole at 16.0 feet. | | | |

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BORING NUMBER PLB-21

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER _____ PROJECT LOCATION Port Wentworth, GA
 DATE STARTED 2/28/18 COMPLETED 2/28/18 GROUND ELEVATION 26 ft NAVD 88 HOLE SIZE 4 inches
 DRILLING CONTRACTOR Atlas Geo-sampling GROUND WATER LEVELS:
 DRILLING METHOD DPT AT TIME OF DRILLING ---
 LOGGED BY Kevin Stephenson CHECKED BY _____ AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|---|--------------|
| 0 | | | |
| 1.0 | | (GW) Gray Brown WG PS Gravel | 25.0 |
| 5 | | (CL) Brown Red Tan Modeled Sandy Clay | |
| 10 | | | 16.0 |
| 10.0 | | (SW) Gray WG PS Fine Sand | 15.0 |
| 11.0 | | (OH) Black Gray Organic-Rich Silty Clay | 14.0 |
| 12.0 | | | |

Bottom of borehole at 12.0 feet.

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BORING NUMBER PLB-22

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER _____ PROJECT LOCATION Port Wentworth, GA
 DATE STARTED 2/28/18 COMPLETED 2/28/18 GROUND ELEVATION 22 ft NAVD 88 HOLE SIZE 4 inches
 DRILLING CONTRACTOR Atlas Geo-sampling GROUND WATER LEVELS:
 DRILLING METHOD DPT AT TIME OF DRILLING ---
 LOGGED BY Kevin Stephenson CHECKED BY _____ AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|----------------------------------|-------------|---|--------------|
| 0 | | | |
| 1.0 | | (GW) Gray Brown Wg PS Gravel | 21.0 |
| | | (CL) Brown Red Tan Modeled Sandy Clay | |
| 5 | | | |
| 10 | | | |
| 11.0 | | (SP) Gray PG WS Medium Sand | 11.0 |
| 12.5 | | (OH) Black Gray Organic-Rich Silty Clay | 9.5 |
| 14.5 | | (SP) Gray PG WS Fine Sand | 7.5 |
| 15 | | | |
| 16.0 | | | 6.0 |
| Bottom of borehole at 16.0 feet. | | | |

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BORING NUMBER PLB-23

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft
PROJECT NUMBER _____ **PROJECT LOCATION** Port Wentworth, GA
DATE STARTED 2/28/18 **COMPLETED** 2/28/18 **GROUND ELEVATION** 22 ft NAVD 88 **HOLE SIZE** 4 inches
DRILLING CONTRACTOR Atlas Geo-sampling **GROUND WATER LEVELS:**
DRILLING METHOD DPT **AT TIME OF DRILLING** ---
LOGGED BY Kevin Stephenson **CHECKED BY** _____ **AT END OF DRILLING** ---
NOTES _____ **AFTER DRILLING** ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|----------------------------------|--------------|
| 0 | | | |
| 1.0 | | (GW) Gray WG PS Gravel | 21.0 |
| 2.0 | | (CL) Red Brown Sandy Clay | 20.0 |
| 3.0 | | (CL) Gray Clay | 19.0 |
| 4.5 | | (SP) Brown Gray PG WS Fine Sand | 17.5 |
| 5.0 | | (CL) Brown Tan Clay | 17.0 |
| | | (SP) Tan Brown PG WS Fine Sand | |
| 13.0 | | (SW) Brown Tan WG PS Medium Sand | 9.0 |
| 16.0 | | | 6.0 |

Bottom of borehole at 16.0 feet.

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BORING NUMBER PLB-24

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER _____ PROJECT LOCATION Port Wentworth, GA
 DATE STARTED 2/28/18 COMPLETED 2/28/18 GROUND ELEVATION 22 ft NAVD 88 HOLE SIZE 4 inches
 DRILLING CONTRACTOR Atlas Geo-sampling GROUND WATER LEVELS:
 DRILLING METHOD DPT AT TIME OF DRILLING ---
 LOGGED BY Kevin Stephenson CHECKED BY _____ AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|--------------------------------|--------------|
| 0 | | | |
| 1.0 | | (GW) Gray Brown WG PS Gravel | 21.0 |
| 2.0 | | (SP) Tan Brown PG WS Fine Sand | 20.0 |
| 2.1 | | Ash | 19.9 |
| 5.0 | | (SP) Tan Brown PG WS Fine Sand | 17.0 |

Refusal at 5.0 feet.
 Bottom of borehole at 5.0 feet.

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BORING NUMBER PLB-25

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft
PROJECT NUMBER _____ **PROJECT LOCATION** Port Wentworth, GA
DATE STARTED 2/28/18 **COMPLETED** 2/28/18 **GROUND ELEVATION** 21 ft NAVD 88 **HOLE SIZE** 4 inches
DRILLING CONTRACTOR Atlas Geo-sampling **GROUND WATER LEVELS:**
DRILLING METHOD DPT **AT TIME OF DRILLING** ---
LOGGED BY Kevin Stephenson **CHECKED BY** _____ **AT END OF DRILLING** ---
NOTES _____ **AFTER DRILLING** ---

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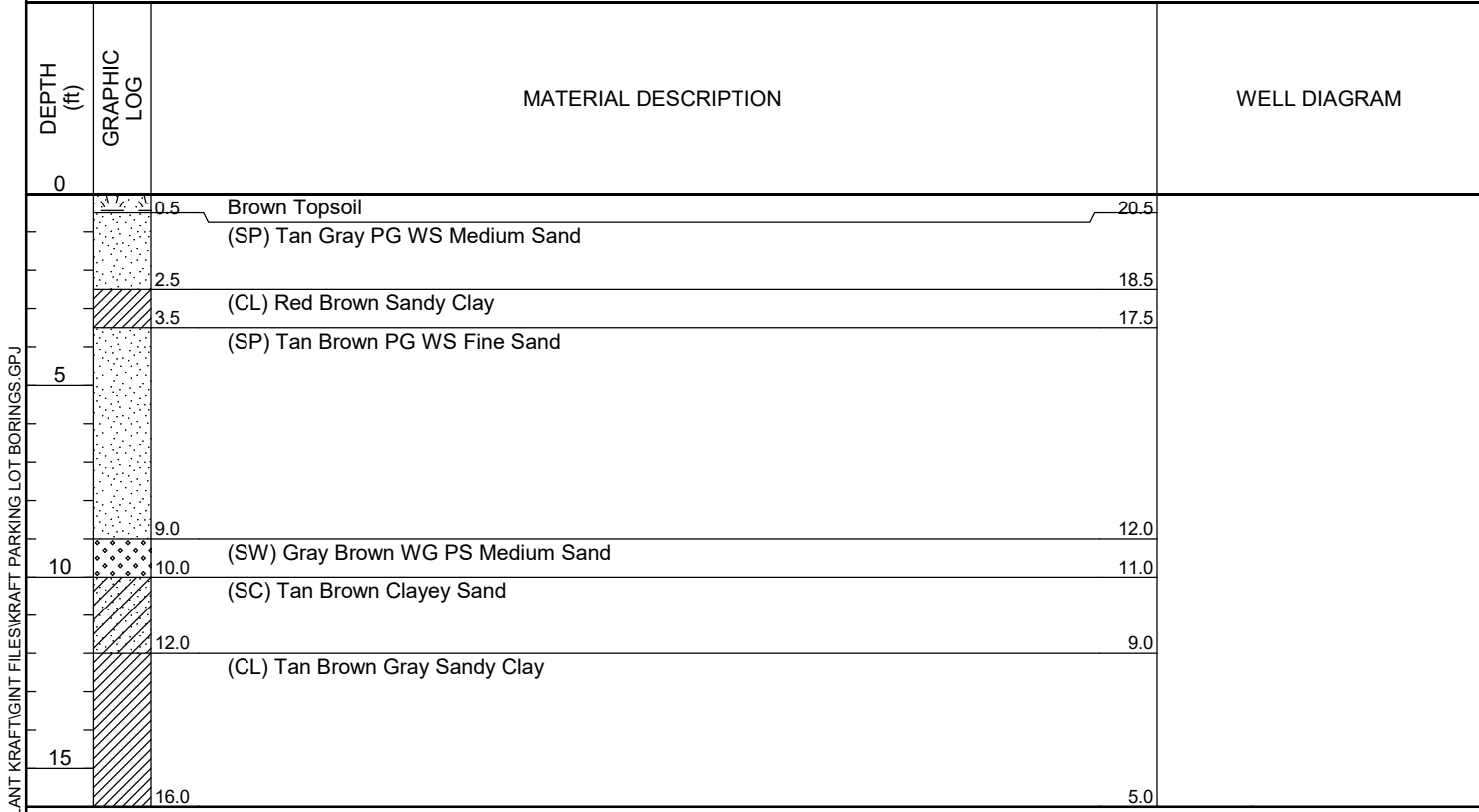
| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|---------------------------------------|--------------|
| 0 | | | |
| 1.0 | | Brown Tan Topsoil | 20.0 |
| 2.0 | | (SP) Tan PG WS Fine Sand | 19.0 |
| 4.0 | | (CL) Tan Brown Red Modeled Sandy Clay | 17.0 |
| 5.0 | | (SP) Tan Brown PG WS Fine Sand | 12.0 |
| 9.0 | | (SW) Tan Gray WG PS Medium Sand | 9.0 |
| 12.0 | | Bottom of borehole at 12.0 feet. | |



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BORING NUMBER PLB-26

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft
PROJECT NUMBER _____ **PROJECT LOCATION** Port Wentworh, GA
DATE STARTED 2/28/18 **COMPLETED** 2/28/18 **GROUND ELEVATION** 21 ft NAVD 88 **HOLE SIZE** 4 inches
DRILLING CONTRACTOR Atlas Geo-sampling **GROUND WATER LEVELS:**
DRILLING METHOD DPT **AT TIME OF DRILLING** ---
LOGGED BY Kevin Stephenson **CHECKED BY** _____ **AT END OF DRILLING** ---
NOTES _____ **AFTER DRILLING** ---



Bottom of borehole at 16.0 feet.

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BORING NUMBER PLB-27

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft
PROJECT NUMBER _____ **PROJECT LOCATION** Port Wentworth, GA
DATE STARTED 2/28/18 **COMPLETED** 2/28/18 **GROUND ELEVATION** 26 ft NAVD 88 **HOLE SIZE** 4 inches
DRILLING CONTRACTOR Atlas Geo-sampling **GROUND WATER LEVELS:**
DRILLING METHOD DPT **AT TIME OF DRILLING** ---
LOGGED BY Kevin Stephenson **CHECKED BY** _____ **AT END OF DRILLING** ---
NOTES _____ **AFTER DRILLING** ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|----------------------------------|-------------|---------------------------------------|--------------|
| 0 | | | |
| 1.0 | | Brown Topsoil | 25.0 |
| 3.0 | | (SP) Tan Brown PG WS Fine Sand | 23.0 |
| 5.0 | | (CL) Tan Brown Red Modeled Sandy Clay | 21.0 |
| 7.0 | | (SC) Tan Brown Clayey Sand | 19.0 |
| 15.0 | | (CL) Brown Tan Gray Sandy Clay | 11.0 |
| 16.0 | | (SW) Tan Brown WG PS Medium Sand | 10.0 |
| Bottom of borehole at 16.0 feet. | | | |

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BORING NUMBER PLB-28

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER _____ PROJECT LOCATION Port Wentworth, GA
 DATE STARTED 2/28/18 COMPLETED 2/28/18 GROUND ELEVATION 23 ft NAVD 88 HOLE SIZE 4 inches
 DRILLING CONTRACTOR Atlas Geo-sampling GROUND WATER LEVELS:
 DRILLING METHOD DPT AT TIME OF DRILLING ---
 LOGGED BY Kevin Stephenson CHECKED BY _____ AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|--------------------------------|--------------|
| 0 | | | |
| 0.3 | | (GW) Gray WG PS Gravel | 22.8 |
| | | (SP) Tan Brown PG WS Fine Sand | |
| 3.0 | | (CL) Brown Gray Clay | 20.0 |
| 6.0 | | (CL) Gray Brown Sandy Clay | 17.0 |
| 11.0 | | (SC) Gray Clayey Sand | 12.0 |
| 12.0 | | | 11.0 |

Bottom of borehole at 12.0 feet.

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BORING NUMBER PLB-29

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER _____ PROJECT LOCATION Port Wentworth, GA
 DATE STARTED 2/28/18 COMPLETED 2/28/18 GROUND ELEVATION 29 ft NAVD 88 HOLE SIZE 4 inches
 DRILLING CONTRACTOR Atlas Geo-sampling GROUND WATER LEVELS:
 DRILLING METHOD DPT AT TIME OF DRILLING ---
 LOGGED BY Kevin Stephenson CHECKED BY _____ AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|----------------------------------|--------------|
| 0 | | | |
| 0.5 | | Brown Topsoil | 28.5 |
| | | (SP) Tan Brown PG WS Fine Sand | |
| 3.0 | | (SW) Tan Gray WG PS Medium Sand | 26.0 |
| 4.5 | | (GM) Brown Gray Silty Sand | 24.5 |
| 5.0 | | (SP) Gray PG WS Fine Sand | 24.0 |
| 6.0 | | (CH) Gray Brown Fat Clay | 23.0 |
| 10.0 | | (CL) Gray Brown Sandy Clay | 19.0 |
| 12.5 | | (SW) Tan Brown WG PS Medium Sand | 16.5 |
| 13.5 | | (SP) Brown Tan PG WS Fine Sand | 15.5 |
| 16.0 | | Bottom of borehole at 16.0 feet. | 13.0 |

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BORING NUMBER PLB-30

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER _____ PROJECT LOCATION Port Wentworth, GA
 DATE STARTED 3/1/18 COMPLETED 3/1/18 GROUND ELEVATION 21 ft NAVD 88 HOLE SIZE 4 inches
 DRILLING CONTRACTOR Atlas Geo-sampling GROUND WATER LEVELS:
 DRILLING METHOD DPT AT TIME OF DRILLING ---
 LOGGED BY Kevin Stephenson CHECKED BY _____ AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---

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| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|-----------------------------------|--------------|
| 0 | | | |
| 1.0 | | Brown Topsoil | 20.0 |
| 3.0 | | (SP) Brown Tan PG WS Fine Sand | 18.0 |
| 5.0 | | (SW) Brown Tan WG PS Medium Sand | 14.0 |
| 7.0 | | (OH) Brown Gray Organic Rich Clay | 10.0 |
| 11.0 | | (SW) Gray WG PS Medium Sand | 9.0 |
| 12.0 | | Bottom of borehole at 12.0 feet. | |



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BORING NUMBER PLB-31

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft

PROJECT NUMBER _____ **PROJECT LOCATION** Port Wentworth, GA

DATE STARTED 3/1/18 **COMPLETED** 3/1/18 **GROUND ELEVATION** 21 ft NAVD 88 **HOLE SIZE** 4 inches

DRILLING CONTRACTOR Atlas Geo-sampling **GROUND WATER LEVELS:**

DRILLING METHOD DPT **AT TIME OF DRILLING** ---

LOGGED BY Kevin Stephenson **CHECKED BY** _____ **AT END OF DRILLING** ---

NOTES _____ **AFTER DRILLING** ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|--|--------------|
| 0 | | (SP) Brown Tan PG WS Fine Sands | |
| 4.5 | | (SW) Tan Gray WG PS Medium Sand | 16.5 |
| 6.0 | | (CL) Tan Clay | 15.0 |
| 6.5 | | (SW) Tan Gray WG PS Medium Sand | 14.5 |
| 9.0 | | (OH) Organic Rich Silty Clay with Wood Fragments | 12.0 |
| 12.0 | | Bottom of borehole at 12.0 feet. | 9.0 |

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BORING NUMBER PLB-32

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft
PROJECT NUMBER _____ **PROJECT LOCATION** Port Wentworth, GA
DATE STARTED 3/1/18 **COMPLETED** 3/1/18 **GROUND ELEVATION** 21 ft NAVD 88 **HOLE SIZE** 4 inches
DRILLING CONTRACTOR Atlas Geo-sampling **GROUND WATER LEVELS:**
DRILLING METHOD DPT **AT TIME OF DRILLING** ---
LOGGED BY Kevin Stephenson **CHECKED BY** _____ **AT END OF DRILLING** ---
NOTES _____ **AFTER DRILLING** ---

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| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|--|--------------|
| 0 | | | |
| 1.0 | | (GW) Brown Tan WG PS Gravel | 20.0 |
| 5.0 | | (CL) Red Brown Tan Modeled Sandy Clay | 16.0 |
| 7.0 | | (CL) Brown Tan Red Modeled Clay | 14.0 |
| 9.0 | | Ash | 12.0 |
| 11.0 | | (SW) Gray WG PS Medium Sand | 10.0 |
| 12.0 | | (OH) Brown Black Organic Rich Silty Clay | 9.0 |

Bottom of borehole at 12.0 feet.



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BORING NUMBER PLB-33

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft

PROJECT NUMBER _____ **PROJECT LOCATION** Port Wentworth, GA

DATE STARTED 3/1/18 **COMPLETED** 3/1/18 **GROUND ELEVATION** 21 ft NAVD 88 **HOLE SIZE** 4 inches

DRILLING CONTRACTOR Atlas Geo-sampling **GROUND WATER LEVELS:**

DRILLING METHOD DPT **AT TIME OF DRILLING** ---

LOGGED BY Kevin Stephenson **CHECKED BY** _____ **AT END OF DRILLING** ---

NOTES _____ **AFTER DRILLING** ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|---------------------------------------|--------------|
| 0 | | | |
| 1.0 | | Brown Topsoil | |
| | | (CL) Tan Brown Red Modeled Sandy Clay | 20.0 |
| | | | |
| 5 | | | |
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| | | | |
| | | | |
| | | | |
| | | (CL) Gray Sandy Clay | 10.0 |
| | | (CH) Brown Gray Clay | 9.0 |
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Bottom of borehole at 16.0 feet.

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BORING NUMBER PLB-34

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER _____ PROJECT LOCATION Port Wentworth, GA
 DATE STARTED 3/1/18 COMPLETED 3/1/18 GROUND ELEVATION 21 ft NAVD 88 HOLE SIZE 4 inches
 DRILLING CONTRACTOR Atlas Geo-sampling GROUND WATER LEVELS:
 DRILLING METHOD DPT AT TIME OF DRILLING ---
 LOGGED BY Kevin Stephenson CHECKED BY _____ AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|---------------------------------------|--------------|
| 0 | | (SP) Tan Brown PG WS Fine Sand | |
| 2.0 | | (CL) Brown Tan Red Modeled Sandy Clay | 19.0 |
| 5 | | | |
| 10 | | | |
| 11.0 | | (SP) Gray PG WS Fine Sand | 10.0 |
| 13.0 | | | 8.0 |
| 14.0 | | (SW) Gray WG PS Medium Sand | 7.0 |
| 15 | | | |

Bottom of borehole at 16.0 feet.

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BORING NUMBER PLB-35

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft

PROJECT NUMBER _____ **PROJECT LOCATION** Port Wentworth, GA

DATE STARTED 3/1/18 **COMPLETED** 3/1/18 **GROUND ELEVATION** 21 ft NAVD 88 **HOLE SIZE** 4 inches

DRILLING CONTRACTOR Atlas Geo-sampling **GROUND WATER LEVELS:**

DRILLING METHOD DPT **AT TIME OF DRILLING** ---

LOGGED BY Kevin Stephenson **CHECKED BY** _____ **AT END OF DRILLING** ---

NOTES _____ **AFTER DRILLING** ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|---|--------------|
| 0 | | | |
| 1.0 | | Brown Topsoil | 20.0 |
| 2.0 | | (SP) Brown PG WS Fine Sand | 19.0 |
| | | (CL) Tan Brown Red Modeled Sandy Clay | |
| 5 | | | |
| 8.5 | | (OH) Gray Black Organic-Rich Silty Clay | 12.5 |
| 9.0 | | (CL) Gray Sandy Clay | 12.0 |
| 10 | | | |
| 12.0 | | | 9.0 |

Bottom of borehole at 12.0 feet.

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BORING NUMBER PLB-36

CLIENT Georgia Power Company PROJECT NAME Plant Kraft
 PROJECT NUMBER _____ PROJECT LOCATION Port Wentworth, GA
 DATE STARTED 3/1/18 COMPLETED 3/1/18 GROUND ELEVATION 21 ft NAVD 88 HOLE SIZE 4 inches
 DRILLING CONTRACTOR Atlas Geo-sampling GROUND WATER LEVELS:
 DRILLING METHOD DPT AT TIME OF DRILLING ---
 LOGGED BY Kevin Stephenson CHECKED BY _____ AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|---------------------------------------|--------------|
| 0 | | | |
| 1.0 | | Brown Tan Topsoil | 20.0 |
| 3.0 | | (SP) Tan Brown PG WS Fine Sand | 18.0 |
| 5.0 | | (CL) Tan Brown Red Modeled Sandy Clay | |
| 10.0 | | (SP) Gray PG WS Fine Sand | 11.0 |
| 12.0 | | (CL) Tan Gray Sandy Clay | 9.0 |
| 15.0 | | (SW) Gray WG PS Medium Sand | 6.0 |
| 16.0 | | Bottom of borehole at 16.0 feet. | 5.0 |

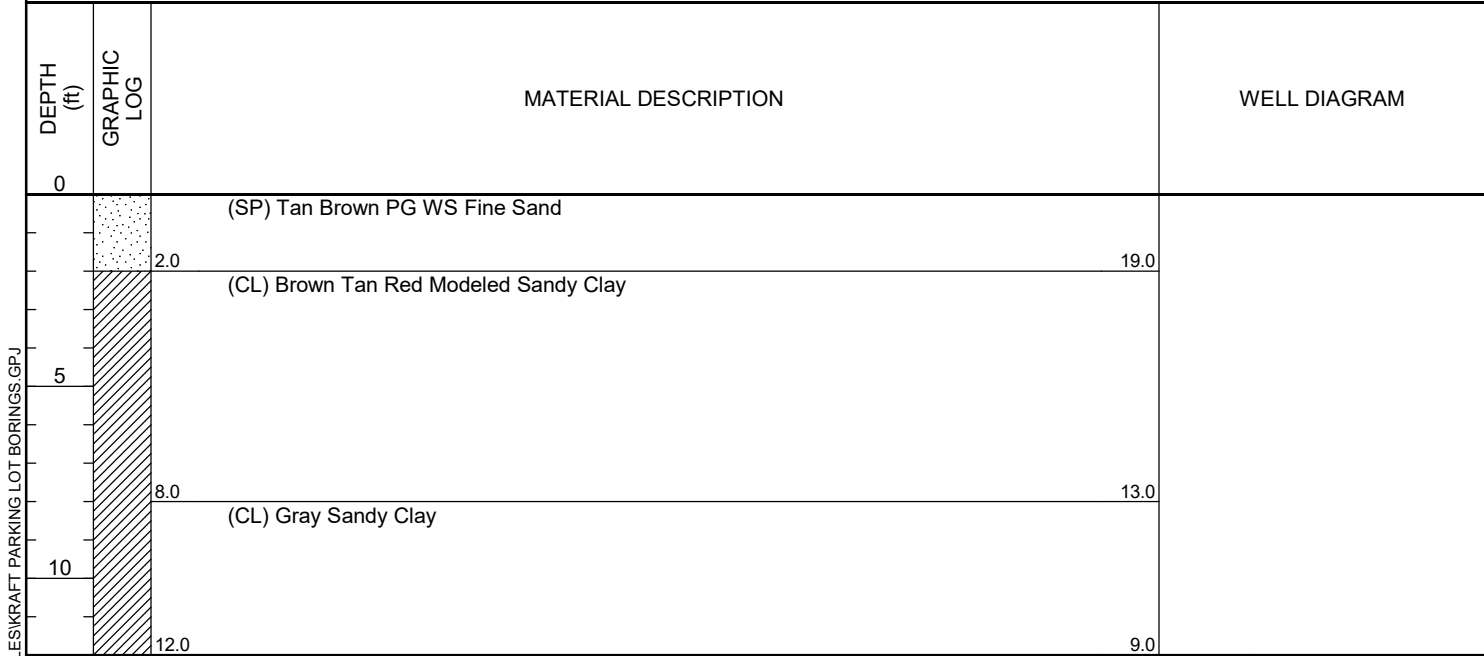
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BORING NUMBER PLB-37

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft
PROJECT NUMBER _____ **PROJECT LOCATION** Port Wentworth, GA
DATE STARTED 3/1/18 **COMPLETED** 3/1/18 **GROUND ELEVATION** 21 ft NAVD 88 **HOLE SIZE** 4 inches
DRILLING CONTRACTOR Atlas Geo-sampling **GROUND WATER LEVELS:**
DRILLING METHOD DPT **AT TIME OF DRILLING** ---
LOGGED BY Kevin Stephenson **CHECKED BY** _____ **AT END OF DRILLING** ---
NOTES _____ **AFTER DRILLING** ---



Bottom of borehole at 12.0 feet.

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BORING NUMBER PLB-38

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft

PROJECT NUMBER _____ **PROJECT LOCATION** Port Wentworth, GA

DATE STARTED 3/1/18 **COMPLETED** 3/1/18 **GROUND ELEVATION** 21 ft NAVD 88 **HOLE SIZE** 4 inches

DRILLING CONTRACTOR Atlas Geo-sampling **GROUND WATER LEVELS:**

DRILLING METHOD DPT **AT TIME OF DRILLING** ---

LOGGED BY Kevin Stephenson **CHECKED BY** _____ **AT END OF DRILLING** ---

NOTES _____ **AFTER DRILLING** ---

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| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|------------|-------------|--------------------------------|--------------|
| 0 | | | |
| 1.0 | | (GW) Brown WG PS Gravel | 20.0 |
| 3.0 | | (SP) Brown Tan PG WS Fine Sand | 18.0 |
| 5.0 | | (CL) Tan Brown Sandy Clay | 15.0 |
| 6.0 | | (SP) Brown Tan PG WS Fine Sand | 11.5 |
| 9.5 | | Gray Ash | 10.5 |
| 10.5 | | (CL) Tan Brown Sandy Clay | 9.5 |
| 11.5 | | (SP) Gray PG WS Fine Sand | 9.0 |
| 12.0 | | | |

Bottom of borehole at 12.0 feet.



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BORING NUMBER PLB-39

CLIENT Georgia Power Company **PROJECT NAME** Plant Kraft

PROJECT NUMBER _____ **PROJECT LOCATION** Port Wentworth, GA

DATE STARTED 3/1/18 **COMPLETED** 3/1/18 **GROUND ELEVATION** 21 ft NAVD 88 **HOLE SIZE** 4 inches

DRILLING CONTRACTOR Atlas Geo-sampling **GROUND WATER LEVELS:**

DRILLING METHOD DPT **AT TIME OF DRILLING** ---

LOGGED BY Kevin Stephenson **CHECKED BY** _____ **AT END OF DRILLING** ---

NOTES _____ **AFTER DRILLING** ---

| DEPTH (ft) | GRAPHIC LOG | MATERIAL DESCRIPTION | WELL DIAGRAM |
|----------------------------------|-------------|---------------------------------------|--------------|
| 0 | | | |
| 1.0 | | Brown Topsoil | 20.0 |
| 5.0 | | (CL) Tan Brown Red Modeled Sandy Clay | 16.0 |
| 8.0 | | (SP) Gray PG WS Fine Sand | 13.0 |
| 9.0 | | (CH) Tan Gray Clay | 12.0 |
| 10.0 | | (SP) Brown Gray PG WS Fine Sand | 11.0 |
| 11.0 | | (CL) Gray Sandy Clay | 10.0 |
| 12.0 | | (SP) Gray PG WS Fine Sand | 9.0 |
| 16.0 | | (SW) Tan Brown WG PS Medium Sand | 5.0 |
| Bottom of borehole at 16.0 feet. | | | |

SIMPLE WELL - GINT STD US LAB.GDT - 5/10/18 09:45 - X:\PROJECTS\TROUTMAN SANDERS\PLANT KRAFT\GINT FILES\KRAFT PARKING LOT BORINGS.GPJ

WELL ABANDONMENT DATA

| | |
|---|---|
| PROJECT: Plant Kraft Excavation | WELL NO.: MW-15 |
| SITE: Plant Kraft | COORDINATES: N 783887.82 E 971125.04 |
| FORM PREPARED BY: Forrest Howard ABANDONMENT BY: Forrest Howard & Matt Goodnar | DATE GROUTED: 4/6/2017 |
| METHOD OF FILLING: Grouted Hole Tremie PIPE & GROUND PUMP: N/A | VOLUME USED: ~0.01 yd ³ |
| DEPTH SOUNDED PRIOR TO FILLING/GROUTING: 16.57 ft BGS | DEPTH TO WATER PRIOR TO GROUTING: Not Measured |

| | | DEPTH: | ELEV.: |
|---------------------|-----------------|--------|--------|
| | GROUND SURFACE | 0.0' | |
| | TOP OF GROUT | 0.0' | |
| Casing cut 3.0' BGS | BOTTOM OF GROUT | 16.57' | |

REMARKS: Grout was poured to ground surface. PVC was cut 3 ft BGS by excavator.

Certified By: **Date:**



WELL ABANDONMENT DATA

| | |
|---|---|
| PROJECT: Plant Kraft Excavation | WELL NO.: MW-15A |
| SITE: Plant Kraft | COORDINATES: N 783752.58 E 971126.58 |
| FORM PREPARED BY: Forrest Howard ABANDONMENT BY: Forrest Howard & Matt Goodnar | DATE GROUTED: 4/6/2017 |
| METHOD OF FILLING: Grouted Hole Tremie PIPE & GROUND PUMP: N/A | VOLUME USED: ~0.02 yd ³ |
| DEPTH SOUNDED PRIOR TO FILLING/GROUTING: 29.98 ft BGS | DEPTH TO WATER PRIOR TO GROUTING: Not Measured |

| | | DEPTH: | ELEV.: |
|---------------------|------------------------|--------|--------|
| | GROUND SURFACE | 0.0' | |
| | TOP OF GROUT | 0.0' | |
| Casing cut 3.0' BGS | BOTTOM OF GROUT | 29.98' | |

REMARKS: Grout was poured to ground surface. PVC was cut 3 ft BGS by excavator.

Certified By: _____ **Date:** _____

WELL ABANDONMENT DATA

| | |
|---|---|
| PROJECT: Plant Kraft Excavation | WELL NO.: MW-15B |
| SITE: Plant Kraft | COORDINATES: N 783893.19 E 971067.04 |
| FORM PREPARED BY: Forrest Howard ABANDONMENT BY: Forrest Howard & Matt Goodnar | DATE GROUTED: 4/6/2017 |
| METHOD OF FILLING: Grouted Hole Tremie PIPE & GROUND PUMP: N/A | VOLUME USED: ~0.02 yd ³ |
| DEPTH SOUNDED PRIOR TO FILLING/GROUTING: 28.50 ft BGS | DEPTH TO WATER PRIOR TO GROUTING: Not Measured |

| | | DEPTH: | ELEV.: |
|---------------------|-----------------|--------|--------|
| | GROUND SURFACE | 0.0' | |
| | TOP OF GROUT | 0.0' | |
| Casing cut 3.0' BGS | BOTTOM OF GROUT | 28.50' | |

REMARKS: Grout was poured to ground surface. PVC was cut 3 ft BGS by excavator.

Certified By: **Date:**



WELL ABANDONMENT DATA

| | |
|---|---|
| PROJECT: Plant Kraft Excavation | WELL NO.: MW-15C |
| SITE: Plant Kraft | COORDINATES: N 783801.17 E 971244.31 |
| FORM PREPARED BY: Forrest Howard ABANDONMENT BY: Forrest Howard & Matt Goodnar | DATE GROUTED: 4/6/2017 |
| METHOD OF FILLING: Grouted Hole Tremie PIPE & GROUND PUMP: N/A | VOLUME USED: ~0.03 yd ³ |
| DEPTH SOUNDED PRIOR TO FILLING/GROUTING: 33.25 ft BGS | DEPTH TO WATER PRIOR TO GROUTING: Not Measured |

| | | DEPTH: | ELEV.: |
|---------------------|------------------------|--------|--------|
| | GROUND SURFACE | 0.0' | |
| | TOP OF GROUT | 0.0' | |
| Casing cut 3.0' BGS | BOTTOM OF GROUT | 33.25' | |

REMARKS: Grout was poured to ground surface. PVC was cut 3 ft BGS by excavator.

Certified By: _____ **Date:** _____

WELL ABANDONMENT DATA

| | |
|---|---|
| PROJECT: Plant Kraft Excavation | WELL NO.: MW-15D |
| SITE: Plant Kraft | COORDINATES: N 783868.52 E 971124.11 |
| FORM PREPARED BY: Forrest Howard ABANDONMENT BY: Forrest Howard & Matt Goodnar | DATE GROUTED: 4/6/2017 |
| METHOD OF FILLING: Grouted Hole Tremie PIPE & GROUND PUMP: N/A | VOLUME USED: ~0.02 yd ³ |
| DEPTH SOUNDED PRIOR TO FILLING/GROUTING: 26.98 ft BGS | DEPTH TO WATER PRIOR TO GROUTING: Not Measured |

| | | DEPTH: | ELEV.: |
|---------------------|-----------------|--------|--------|
| | GROUND SURFACE | 0.0' | |
| | TOP OF GROUT | 0.0' | |
| Casing cut 3.0' BGS | BOTTOM OF GROUT | 26.98' | |

REMARKS: Grout was poured to ground surface. PVC was cut 3 ft BGS by excavator.

Certified By: **Date:**



WELL ABANDONMENT DATA

| | |
|---|---|
| PROJECT: Plant Kraft Excavation | WELL NO.: MW-15E |
| SITE: Plant Kraft | COORDINATES: N 783757.76 E 971129.25 |
| FORM PREPARED BY: Forrest Howard ABANDONMENT BY: Forrest Howard & Matt Goodnar | DATE GROUTED: 4/6/2017 |
| METHOD OF FILLING: Grouted Hole Tremie PIPE & GROUND PUMP: N/A | VOLUME USED: ~0.02 yd ³ |
| DEPTH SOUNDED PRIOR TO FILLING/GROUTING: 21.46 ft BGS | DEPTH TO WATER PRIOR TO GROUTING: Not Measured |

| | | DEPTH: | ELEV.: |
|---------------------|------------------------|---------------|--------|
| | GROUND SURFACE | 0.0' | |
| | TOP OF GROUT | 0.0' | |
| Casing cut 3.0' BGS | BOTTOM OF GROUT | 21.46' | |

REMARKS: Grout was poured to ground surface. PVC was cut 3 ft BGS by excavator.

Certified By: _____ **Date:** _____