B-2

URSGWC SOIL BORING LOGS

HTW DRILLING LOG

HOLE NO. BR-1

1. COMPANY NAME: Woodward-Clyde Consultants
2. DRILLING SUBCONTRACTOR: EAST COAST DRILLING
SHEET 1 OF 1 SHEETS
3. PROJECT: STRATFORD ARMY ENGINE PLANT
4. LOCATION: STRATFORD, CT
5. NAME OF DRILLER: PAT SCOTT
6. MANUFACTURER'S DESIGNATION OF DRILL:
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: CME 75; Stainless Steel 2" Split Spoon
8. HOLE LOCATION:
9. SURFACE ELEVATION: 7.56
10. DATE STARTED: 6-17-92
11. DATE COMPLETED: 6-17-92
12. OVERBURDEN THICKNESS: —
13. DEPTH DRILLED INTO ROCK: —
14. TOTAL DEPTH OF HOLE:
15. DEPTH GROUNDWATER ENCOUNTERED: 4 ft
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED:
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY):
18. GEOTECHNICAL SAMPLES: none — DISTURBED: — UNDISTURBED: —
19. TOTAL NUMBER OF CORE BOXES: —
20. SAMPLES FOR CHEMICAL ANALYSIS: 2 — VOC: ✓ METALS: ✓ OTHER (SPECIFY): Semi VO OTHER (SPECIFY): PCB OTHER (SPECIFY): —
21. TOTAL CORE REC.: — %
22. DISPOSITION OF HOLE: BACKFILLED: ✓ MONITORING WELL: OTHER (SPECIFY):
23. SIGNATURE OF INSPECTOR: M. Bonfanti

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		Asphalt pavement					
	0.5 ↓ 2.5 ft	SM - Reddish brown silty fine to med sand.	0.0 ppm		BR-1 -0.5 -2.5	2-3 -4 -5	Bkg 0.0 ppm Rec'd 16" Time 1305
	2.5 ↓ 4.5 ft	S.A.A., has asphalt fragments	0.0 ppm		BR-1 -2.5 -4.5	3-1 -2 -4	Rec'd 16" Time 1310
	4.5 ↓ 6.5 ft	SP - Brown med sand, tr gravel. Wet.	0.0 ppm			6-6 -6 -6	Rec'd 12" Time 1315
		End of boring 6.5 ft					

PROJECT: STRATFORD ARMY ENGINE PLANT HOLE NO.: BR-1

HTW DRILLING LOG

1. COMPANY NAME	Woodward-Clyde Consultants
2. DRILLING SUBCONTRACTOR	EAST COAST DRILLING
HOLE NO.	BR-2
SHEET	1 OF 1 SHEETS
3. PROJECT	STRATFORD ARMY ENGINE PLANT
4. LOCATION	STRATFORD, CT
5. NAME OF DRILLER	PAT SCOTT
6. MANUFACTURER'S DESIGNATION OF DRILL	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	CME; Stainless Steel 2" split spoons
8. HOLE LOCATION	
9. SURFACE ELEVATION	7.80
10. DATE STARTED	6-3-92
11. DATE COMPLETED	6-3-92
12. OVERBURDEN THICKNESS	—
13. DEPTH DRILLED INTO ROCK	—
14. TOTAL DEPTH OF HOLE	7.0 ft
15. DEPTH GROUNDWATER ENCOUNTERED	7 ft
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	—
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	—

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none	none	none	none

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC. %
3	✓	✓	SemiVOs	—	—	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	✓			[illegible]

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	1 ft ↓ 3 ft	SM - Brown to gray silty sand to red sand some gravel. Asphalt frags, bricks.	0.2 ppm		BR-2-1-3	15-16-18-15	Blks = 0-0.2 Rec'd 16" Time = 1605
	3 ft ↓ 5 ft	SM - S.A.A., fragments of asphalt, concrete, and brick.	0.2 ppm		BR-2-3-5	22-11-11-16	Rec'd 14" Time = 1610
	5 ft ↓ 7 ft	SP/SM - Brown red sand and gray silty fine sand, some gravel. Asphalt and brick fragments. Tip of spoon is wet.	5.2 ppm		BR-2-5-7	8-7-4-6	Rec'd 6" Time = 1615
		End of boring 7 ft.					

PROJECT: STRATFORD ARMY ENGINE PLANT

HOLE NO.: BR-2

HTW DRILLING LOG

HOLE NO. BR-3

SHEET 1 OF 1 SHEETS

1. COMPANY NAME: Woodward-Clyde Consultants

2. DRILLING SUBCONTRACTOR: EAST COAST DRILLING

3. PROJECT: STRATFORD ARMY ENGINE PLANT

4. LOCATION: STRATFORD, CT

5. NAME OF DRILLER: PAT SCOTT

6. MANUFACTURER'S DESIGNATION OF DRILL:

7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: CME rig; stainless steel 2" split spoon

8. HOLE LOCATION:

9. SURFACE ELEVATION: 7.43

10. DATE STARTED: 6-3-92

11. DATE COMPLETED: 6-3-92

12. OVERBURDEN THICKNESS: —

13. DEPTH DRILLED INTO ROCK: —

14. TOTAL DEPTH OF HOLE: 7.0 ft

15. DEPTH GROUNDWATER ENCOUNTERED: 5 ft

16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: —

17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): —

18. GEOTECHNICAL SAMPLES: none | DISTURBED: none | UNDISTURBED: none

19. TOTAL NUMBER OF CORE BOXES: none

20. SAMPLES FOR CHEMICAL ANALYSIS: 2

VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC. %
✓	✓	Semi-VOs	—	—	

22. DISPOSITION OF HOLE

BACKFILLED	MONITORING WELL	OTHER (SPECIFY)
✓		

23. SIGNATURE OF INSPECTOR: M. Dowling

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	1 ft ↓ 3 ft	SM - Brown silty fine sand, some gravel. Numerous asphalt fragments. Fill.	0.0		BR-3-1-3	7-10-11-14	Bkg = 0.0 Rec'd 15" Time = 1425
	3 ft ↓ 5 ft	SP/ML - 90% = SP, brown fine to med sand, some gravel. Asphalt frag. 10% = ML, med. gray silt, tr gravel.	87		BR-3-3-5	15-15-11-7	Rec'd 14" Time = 1430
	5 ft ↓ 7 ft	SP - Brown med. sand, tr gravel. Wet.	0.0			4-3-2-2	Rec'd 10" Time = 1435
		End of boring 7 ft.					

PROJECT: STRATFORD ARMY ENGINE PLANT

HOLE NO.: BR-3

HTW DRILLING LOG

HOLE NO. BR-4

SHEET 1 OF 1 SHEETS

1. COMPANY NAME: Woodward-Clyde Consultants
2. DRILLING SUBCONTRACTOR: EAST COAST DRILLING
3. PROJECT: STRATFORD ARMY ENGINE PLANT
4. LOCATION: STRATFORD, CT
5. NAME OF DRILLER: PAT SCOTT
6. MANUFACTURER'S DESIGNATION OF DRILL:
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: CME; Stainless steel 2" split spoon
8. HOLE LOCATION:
9. SURFACE ELEVATION: 6.75
10. DATE STARTED: 6-3-92
11. DATE COMPLETED: 6-3-92
12. OVERBURDEN THICKNESS: —
13. DEPTH DRILLED INTO ROCK: —
14. TOTAL DEPTH OF HOLE: 7 ft
15. DEPTH GROUNDWATER ENCOUNTERED: 5 ft
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED:
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY):
18. GEOTECHNICAL SAMPLES: none — DISTURBED: none — UNDISTURBED: none
19. TOTAL NUMBER OF CORE BOXES: none
20. SAMPLES FOR CHEMICAL ANALYSIS: 2 — VOC: ✓ — METALS: ✓ — OTHER (SPECIFY): Semi VOs — OTHER (SPECIFY): — — OTHER (SPECIFY): —
21. TOTAL CORE REC.: — %
22. DISPOSITION OF HOLE: BACKFILLED: ✓ — MONITORING WELL: — — OTHER (SPECIFY):
23. SIGNATURE OF INSPECTOR: M. Dombrowski

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	1 ft ↓ 3 ft	SM - Brown to dark gray fine - med sand some gravel.	0.0 ppm		BR-4-1-3	12-28-18-22	Bkg = 0.0 ppm Rec'd = 1.4' Time = 1250
	3 ft ↓ 5 ft	SP/SM - Gray med sand and gray brown silty sand. Some gravel. Moist on bottom.	93 ppm		BR-4-3-5	9-8-10-9	Rec'd 1.4' Time = 1300
	5 ft ↓ 7 ft	S.A.A., Wet. Bottom 2" = SP fine sand with hummocky bedding.	84 ppm			7-6-7-6	Rec'd 1.4" Time = 1305
		End of boring 7 ft					

PROJECT: Stratford Army Engine Plant HOLE NO.: BR-4

HTW DRILLING LOG

HOLE NO. BR-5

1. COMPANY NAME: Woodward-Clyde Consultants
2. DRILLING SUBCONTRACTOR: EAST COAST DRILLING
SHEET 1 OF 1 SHEETS
3. PROJECT: STRATFORD ARMY ENGINE PLANT
4. LOCATION: STRATFORD, CT
5. NAME OF DRILLER: PAT SCOTT
6. MANUFACTURER'S DESIGNATION OF DRILL:
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: CME; Stainless steel 2" Split spoons
8. HOLE LOCATION:
9. SURFACE ELEVATION: 6.00
10. DATE STARTED: 6-2-92
11. DATE COMPLETED: 6-2-92
12. OVERBURDEN THICKNESS: — MD
13. DEPTH DRILLED INTO ROCK: — MD
14. TOTAL DEPTH OF HOLE: 6.5 ft
15. DEPTH GROUNDWATER ENCOUNTERED: 4.0 ft
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: — MD
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): — MD
18. GEOTECHNICAL SAMPLES: none; DISTURBED: none; UNDISTURBED: none
19. TOTAL NUMBER OF CORE BOXES: none
20. SAMPLES FOR CHEMICAL ANALYSIS: 2; VOC; METALS; OTHER (SPECIFY); OTHER (SPECIFY); OTHER (SPECIFY)
21. TOTAL CORE REC. — MD %
22. DISPOSITION OF HOLE: BACKFILLED ✓; MONITORING WELL; OTHER (SPECIFY)
23. SIGNATURE OF INSPECTOR: M Dombrowski

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0.5 ft ↓ 2.5 ft	Top 12" = SM, brown silty fine sand, wood frag. Bottom 5" = ML dark gray silt. Dry.	18 ppm	— MD	BR-5-0.5-2.5	10-8-6-6	Bkg = 0. to 0.3 ppm Rec'd 20" Time = 1620
	2.5 ft ↓ 4.5 ft	SP/SM – Gray to brown fine sand, some silty. Some gravel. Bottom 2" are wet.	18 ppm	— MD	BR-5-2.5-4.5	7-12-8-6	Rec'd 10" Time = 1640
	4.5 ft ↓ 6.5 ft	SP – Gray to brown, gravelly med. sand. Wet.	24 ppm	— MD		6-7-8-6	Rec'd 10" Time = 1650
		End of boring, 6.5 ft.					

PROJECT: Stratford Army Engine Plant HOLE NO.: BR-5

HTW DRILLING LOG

HOLE NO. BR-6

1. COMPANY NAME: Woodward-Clyde Consultants	2. DRILLING SUBCONTRACTOR: EAST COAST DRILLING
SHEET 1 OF 1 SHEETS	
3. PROJECT: STRATFORD ARMY ENGINE	4. LOCATION: STRATFORD CT
5. NAME OF DRILLER: PAT SCOTT	6. MANUFACTURER'S DESIGNATION OF DRILL
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: tripod; stainless steel 2" split spoon	8. HOLE LOCATION
	9. SURFACE ELEVATION: 6.76
	10. DATE STARTED: 6-5-92 / 11. DATE COMPLETED: 6-5-92
12. OVERBURDEN THICKNESS: —	15. DEPTH GROUNDWATER ENCOUNTERED: 5.5 ft
13. DEPTH DRILLED INTO ROCK: —	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: —
14. TOTAL DEPTH OF HOLE: 6.0 ft	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): —

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none	none	none	none

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC.
2	✓	✓	Semi VO	—	—	— %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	✓			M Dammarchi

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0 ↓ 2 ft	SM- Brown silty fine sand, some gravel. Asphalt fragments.	0.0		BR-6-0-2	16-17-17-11	Dtg=0.0 Rec'd 9" Time 1340
	2 ↓ 4 ft	SM- S.A.A., bottom 2" is abundant asphalt fragments	0.0		BR-6-2-4	18-31-19-16	Dtg=0.0 Rec'd 9" Time=1345
	4 ↓ 6 ft	SM — S.A.A., bottom 2" are wet.	0.0			10-12-8-6	Dtg 0.0 Rec'd 4" Time=1350
		End of boring 6 ft Note: Used 140 lb hammer with 18" drop					

PROJECT: STRATFORD ARMY ENGINE PLANT HOLE NO.: BR-6

HTW DRILLING LOG

HOLE NO. BR-7

1. COMPANY NAME: Woodward-Clyde Consultants
2. DRILLING SUBCONTRACTOR: EAST COAST DRILLING
SHEET 1 OF 1 SHEETS
3. PROJECT: STRATFORD ARMY ENGINE PLANT
4. LOCATION: STRATFORD, CT
5. NAME OF DRILLER: PAT SCOTT
6. MANUFACTURER'S DESIGNATION OF DRILL:
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: CME; Stainless Steel 2" Split Spoons
8. HOLE LOCATION:
9. SURFACE ELEVATION: 7.81
10. DATE STARTED: 6-2-92
11. DATE COMPLETED: 6-2-92
12. OVERBURDEN THICKNESS: — MD
13. DEPTH DRILLED INTO ROCK: — MD
14. TOTAL DEPTH OF HOLE: 6.5 ft
15. DEPTH GROUNDWATER ENCOUNTERED: 4.5 ft
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: — MD
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): — MD
18. GEOTECHNICAL SAMPLES: none — DISTURBED: none — UNDISTURBED: none
19. TOTAL NUMBER OF CORE BOXES: none
20. SAMPLES FOR CHEMICAL ANALYSIS: 2 — VOC: ✓ — METALS: ✓ — OTHER (SPECIFY): Semi-VOs — OTHER (SPECIFY): — MD — OTHER (SPECIFY): — MD
21. TOTAL CORE REC.: — MD%
22. DISPOSITION OF HOLE: BACKFILLED: ✓ — MONITORING WELL: — OTHER (SPECIFY):
23. SIGNATURE OF INSPECTOR: M Dombrowski

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0.5 ft ↓ 2.5 ft	SM/ML – Top 12" = SM, brown silty fine sand, wood fragments. Bottom 8" = ML, dark gray silt. Dry.	0.5 ppm			2-4-3-3	Bkg = 0.3-0.5 ppm; Rec'd 14"; Time = 1350
	2.5 ft ↓ 4.5 ft	SP – Brown to brownish yellow fine to medium sand, some gravel.	0.1 ppm		BR-7-2.5-4.5	3-2-3-10	Rec'd 9"; Time = 1400
	4.5 ft ↓ 6.5 ft	SM/ML – Top 12" = SM, brown silty fine sand, gravelly. Bottom 6" = dark gray gravelly silt. Bottom 6" is wet. End of boring 6.5 ft	37.6 ppm		BR-7-4.5-6.5		Rec'd 18"; Time = 1415

PROJECT: Stratford Army Engine Plant HOLE NO.: BR-7

HTW DRILLING LOG

HOLE NO. BR-8

1. COMPANY NAME: Woodward-Clyde Consultants	2. DRILLING SUBCONTRACTOR: EAST COAST DRILLING
SHEET 1 OF 1 SHEETS	
3. PROJECT: STRATFORD ARMY ENGINE PLANT	4. LOCATION: STRATFORD, CT
5. NAME OF DRILLER: BRETT SWIATEK	6. MANUFACTURER'S DESIGNATION OF DRILL:
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: CME 75; stainless steel 2" split spoon	8. HOLE LOCATION:
	9. SURFACE ELEVATION: 6.77
	10. DATE STARTED: 6-9-92 / 11. DATE COMPLETED: 6-9-92
12. OVERBURDEN THICKNESS: —	15. DEPTH GROUNDWATER ENCOUNTERED: 4.5 ft
13. DEPTH DRILLED INTO ROCK: —	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: —
14. TOTAL DEPTH OF HOLE: 6.5 ft	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): —

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none	none	none	none

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC.
2	✓	✓	Semi VO	—	—	— %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	✓			M Dombrowski

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0.5 ↓ 2.5 ft	Concrete SM - Brown silty fine sand, some gravel. Bottom 3" are 1" concrete, 2" asphalt.	0.0 ppm		BR-8-0.5-2.5	10-13-13-7	Bkg=0.0ppm Rec'd 11" Time 1445
	2.5 ↓ 4.5 ft	S.A.A., bottom is moist. Tip of spoon is wet.	0.0 ppm		BR-8-2.5-4.5	20-7-7-12	Rec'd 7" Time 1455
	4.5 ↓ 6.5 ft	S.A.A., poor recovery. Ash layer ~2" thick. Bottom 2" wet.	0.0 ppm			10-10-13-8	Rec'd 6" Time 1500
		End of boring 6.5 ft					

PROJECT: HOLE NO.:

HTW DRILLING LOG

HOLE NO. BR-9

1 COMPANY NAME: Woodward-Clyde Consultants

2 DRILLING SUBCONTRACTOR: EAST COAST DR

SHEET 1 OF 1 SHEETS

PROJECT: STRATFORD ARMY ENGINE PLANT

4. LOCATION: STRATFORD, CT

5. NAME OF DRILLER: BRETT SWIATEK

6. MANUFACTURER'S DESIGNATION OF DRILL: —

7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: CME 75; Stainless steel 2" split spoon

8. HOLE LOCATION: —

9. SURFACE ELEVATION: 7.18

10. DATE STARTED: 6-10-92

11. DATE COMPLETED: 6-10-92

12. OVERBURDEN THICKNESS: —

15. DEPTH GROUNDWATER ENCOUNTERED: 4 ft

13. DEPTH DRILLED INTO ROCK: —

16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: —

14. TOTAL DEPTH OF HOLE: 6 ft

17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): —

18. GEOTECHNICAL SAMPLES: none — DISTURBED: none — UNDISTURBED: none

19. TOTAL NUMBER OF CORE BOXES: None

20. SAMPLES FOR CHEMICAL ANALYSIS: 2

VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC.
✓	✓	Semi VOs	—	—	—%

22. DISPOSITION OF HOLE

BACKFILLED	MONITORING WELL	OTHER (SPECIFY)
✓		

23. SIGNATURE OF INSPECTOR: M Dembowski

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
3"		Concrete pavement					
	1 ↓ 3 ft	Sil. Brown silty fine to med sand, tr gravel. Concrete in tip of spoon	0.6 ppm		BR-9 -1-3	6-7 -9-9	Bkg = 0.0 Rec'd - 11" Time 0905
		Auger to 4 ft due to obstruction					
	4 ↓ 6 ft	S.A.A, a concrete layer at top of spoon. Top 2" dry, rest is wet.	103 ppm		BR-9 -4-6	9-11 -11 -11	Rec 14" Time 0915
		End of boring 6 ft					

PROJECT: STRATFORD ARMY ENGINE PLANT

HOLE NO.: R-9

HTW DRILLING LOG

HOLE NO. BR-10

1. COMPANY NAME: Woodward-Clyde Consultants
2. DRILLING SUBCONTRACTOR: EAST COAST DRILLING
SHEET 1 OF 1 SHEETS
3. PROJECT: STRATFORD ARMY ENGINE PLANT
4. LOCATION: STRATFORD, CT
5. NAME OF DRILLER: PAT SCOTT
6. MANUFACTURER'S DESIGNATION OF DRILL:
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: CME; Stainless steel 2" split spoons
8. HOLE LOCATION:
9. SURFACE ELEVATION: 7.13
10. DATE STARTED: 6-4-92
11. DATE COMPLETED: 6-4-92
12. OVERBURDEN THICKNESS: —
13. DEPTH DRILLED INTO ROCK: —
14. TOTAL DEPTH OF HOLE: 6 ft
15. DEPTH GROUNDWATER ENCOUNTERED: 5.0 ft
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: —
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): —
18. GEOTECHNICAL SAMPLES: none — DISTURBED: none — UNDISTURBED: none
19. TOTAL NUMBER OF CORE BOXES: none
20. SAMPLES FOR CHEMICAL ANALYSIS: 3 — VOC: ✓ — METALS: ✓ — OTHER (SPECIFY): Semi-VO — OTHER (SPECIFY): — — OTHER (SPECIFY): —
21. TOTAL CORE REC.: — %
22. DISPOSITION OF HOLE: BACKFILLED: ✓ — MONITORING WELL: — — OTHER (SPECIFY): —
23. SIGNATURE OF INSPECTOR: M Dombrowski

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	1 ↓ 3 ft	SM - Brown silty fine sand, tr gravel. Asphalt, wood, and concrete fragments.	1.8-1.9 ppm		BR-10-1-3	5-10-12-14	Bkg = 1.8 to 1.9 Rec'd 11" Time 1610 MS/MSD
	3 ↓ 5 ft	SP/SM - Brown fine to med sand and silty fine sand, some gravel. Wood and asphalt fragments. Bottom 6" wet.	1.8-1.9 ppm		BR-10-3-5	8-16-19-18	Rec'd 12" Time 1615 FB060492
	5 ↓ 6 ft	SM - Brown silty fine sand, some gravel Wet.	1.8-1.9 ppm		BR-10-3-6	30-45	Rec'd 6" Time 1620
		End of boring 6 ft					

PROJECT: STRATFORD ARMY ENGINE PLANT HOLE NO.: BR-10

HTW DRILLING LOG

HOLE NO. PZ-1D

1. COMPANY NAME: Woodward-Clyde Consultants	2. DRILLING SUBCONTRACTOR: EAST COAST DRILLING
SHEET 1 OF 2 SHEETS	
3. PROJECT: STRATFORD ARMY ENGINE PLANT	4. LOCATION: STRATFORD, CT
5. NAME OF DRILLER: BRETT SWIATEK	6. MANUFACTURER'S DESIGNATION OF DRILL:
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: CME-75; Stainless steel 2" split spoon	8. HOLE LOCATION:
	9. SURFACE ELEVATION: 7.94
	10. DATE STARTED: 6-11-92
	11. DATE COMPLETED: 6-11-92
12. OVERBURDEN THICKNESS: —	15. DEPTH GROUNDWATER ENCOUNTERED: approx. 5 ft
13. DEPTH DRILLED INTO ROCK: —	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: —
14. TOTAL DEPTH OF HOLE: 34 ft	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): —

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
4	SS-4	—	—

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC.
none	—	—	—	—	—	— %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
—			Piezometer	DM Dembowski

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		Augered to 14 ft					
	14 ↓ 16 ft	SP/SM - Gray-brown med sand underlain by reddish brown silty fine sand.	0.0 ppm	SS-1		7-9 -9 -9	Bkg = 0.0 Rec'd 15" Time 1335
		Augered to 19 ft					

PROJECT: STRATFORD ARMY ENGINE PLANT

HOLE NO.: PZ-1D

HTW DRILLING LOG

HOLE NO. PZ-1D

PROJECT: STRATFORD ARMY ENGINE PLANT

INSPECTOR: M. DOMBROWSKI

SHEET 2 OF 2 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	19 ↓ 21 ft	SM- Brown silty fine sand	0.0 ppm	SS-2		20-25-27-32	Rec'd 13" Time 1350
		Augered to 24 ft					
	24 ↓ 26 ft	S.A.A., some med sand layers. Mica flakes abundant.	1.5 ppm	SS-3		15-19-19-17	Rec'd 24" Time 1405
		Augered to 29 ft					
	29 ↓ 31 ft	SM/ML - Brown silty fine sand or sandy silt, Mica flakes.	1.6 ppm	SS-4		16-17-18-22	Rec'd 24" Time 1415
		Augered to 34 feet					
		End of boring 34 ft					