HTW DRILLING LOG

HOLE No. WC-20D2

PROJECT Stratford Army Engine Plant

INSPECTOR J Heitzman

SHEET 5 OF SHEETS 13

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
	81.5					18	
	82.0						Auger to 90 feet
	82.5						
	83.0						
	83.5						
	84.0						
	84.5						
	85.0						
	85.5						
	86.0						
	86.5						
	87.0						
	87.5						
	88.0						
	88.5						
	89.0						
	89.5						
	90.0						

Project Stratford Army Engine Plant

Hole No. WC-20D2

HTW DRILLING LOG

HOLE No. WC-2002

PROJECT Stratford Army Engine Plant | INSPECTOR J. Heitzman | SHEET 6 OF 13 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
	90.0	SW-brown m-f SAND, wet, med dense sand. red clay stringer in sample 7" from bottom of spoon	4.7ppm	—	—	1 10 16 17	5ft split spoon 8" Recovery
	90.5						
	91.0						
	91.5						
	92.0						Auger to 100feet.
	92.5						
	93.0						
	93.5						
	94.0						
	94.5						
	95.0						
	95.5						
	96.0						
	96.5						
	97.0						
	97.5						
	98.0						
	98.5						

Project: Stratford Army Engine Plant

Hole No.: WC-2002

HTW DRILLING LOG

HOLE No. WC-2002

PROJECT Stratford Army Engine Plant | INSPECTOR J. Heitczman | SHEET 7 OF SHEETS 13

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
	98.5						Added 100 gallons of water to hole.
	99.0						
	99.5						
	100.0	SW-Brown m-F SAND, mica flakes, wet, med dense sand				7	1618 Split spoon 2' Recovery
	100.5		6.2 ppm	—	—	15	
	101.0					18	
	101.5					16	
	102.0						1630 - Stop for day 1-11-95. 0818 Auger to 110 feet clean out hole with 100 gallon of water
	102.5						
	103.0						
	103.5						
	104.0						
	104.5						
	105.0						
	105.5						
	106.0						
	106.5						
	107.0						

HTW DRILLING LOG

HOLE No. WC-20D2

PROJECT Stratford Army Engine Plant

INSPECTOR J. Heitzman

SHEET 8 OF SHEETS 13

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
	107.0						
	107.5		No Reading due to snowy weather				
	108.0						
	108.5						
	109.0						
	109.5						
	110.0	SW- brown/tan fine subangular gravelly m-f SAND trace of silt mica flakes, wet, med dense sand	HNu is not working				0107 split spoon 16" Recovery
	110.5		—	—	—	10	
	111.0					18	
	111.5					23	
	112.0					25	
	112.5						Auger to 120 feet
	113.0						
	113.5						
	114.0						
	114.5						
	115.0						
	115.5						

HTW DRILLING LOG

HOLE No. WC-2002

PROJECT: Stratford Army Engine Plant

INSPECTOR: J. Heiyczman

SHEET 9 OF SHEETS 13

ELEV. a	DEPTH	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
	115.5						
	116.0						
	117.0						
	117.5						
	118.0						
	118.5						
	119.0						
	119.5						
	120.0	SW- brown M-C SAND, 2 coarse subangular pebbles, wet, very dense sand					
	120.5		-		—	50 45 47 62	10'12 Split Spoon 10' Recovery
	121.5						
	122.0						
	122.5						Auger to 130 feet
	123.5						
	124.0						

Project: Stratford Army Engine Plant

Hole No.: WC-2002

HTW DRILLING LOG

HOLE No. WC-20D2

PROJECT Stratford Army Engine Plant | INSPECTOR J. Heitczman | SHEET 10 OF 13 SHEETS

ELEV. a	DEPTH 124.0 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
	124.5						
	125.0						
	125.5						
	126.0						
	126.5						
	127.0						
	127.5						
	128.0						
	128.5						
	129.0						
	129.5						
	130.0	SW-brown m-f SAND, wet very dense sand, 1 coarse pebble in bottom of split spoon	—	—	—	52 100/4"	1101- Split Spoon 130-132 15" Recovery
	130.5						
	131.0						
	131.5						
	132.0						Auger to 140 feet
	132.5						

Project: Stratford Army Engine Plant

Hole No.: WC-20D2

HTW DRILLING LOG

HOLE No. WC-20D2

PROJECT Stratford Army Engine Plant | INSPECTOR J. Heitczman | SHEET 11 OF 13 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
	132.5						
	133.0						
	133.5						
	134.0						
	134.5						
	135.0						
	135.5						
	136.5						
	137.0						
	137.5						
	138.0						
	138.5						
	139.0						
	139.5						
	140.0	SW-brown-m-f SAND wet, med, dense sand green stone in tip of split spoon.	—	WC-20D2 40-42	—	27 36	1201 split spoon 1410+42 5" recovery
	140.5						
	141.0						

Project: Stratford Army Engine Plant

Hole No.: WC-20D2

HTW DRILLING LOG

HOLE No. WC-2002

PROJECT Stratford Army Engine Plant | INSPECTOR J. Heitczman | SHEET 12 OF 13 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
	141.0					30	
	141.5					33	
	142.0						Auger to 150 feet
	142.5						
	143.0						
	143.5						
	144.0						
	144.5						
	145.0						
	145.5						
	146.0						
	146.5						
	147.0						
	147.5						
	148.0						
	148.5						
	149.0						
	149.5						

HTW DRILLING LOG

HOLE No. WC-20D2

PROJECT Stratford Army Engine Plant

INSPECTOR J. Heitczman

SHEET 13 OF 13 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
	149.5						
							used 150 gallons of water to clean out hole
	150.0	SW- Dark grey m-f SAND, wet, very dense sand 2" Greenstone schist				50	1340 Split spoon 3" Recovery
	150.5					65	
	151.0					100/2"	
	151.5						
	152.0	Bottom of boring					
	152.5						
	153.0						
	153.5						
	154.0						
	154.5						
	155.0						
	155.5						
	156.0						
	156.5						
	157.0						
	158.0						

Project Stratford Army Engine Plant

Hole No. WC-20D2

HTW DRILLING LOG

HOLE No. WC-21S

SHEET 1 OF 1 0 SHEETS

1. COMPANY NAME: Woodward-Clyde	2. DRILLING SUBCONTRACTOR: Associated Drilling
3. PROJECT: Stratford Army Engine Plant	4. LOCATION: Stratford, Conn
5. NAME OF DRILLER: Mark Schock	6. MANUFACTURER'S DESIGNATION OF DRILL: Mobile B61
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: 4.25 HSA; 2" split spoons; 140 lb hammer	8. HOLE LOCATION: Access Road
	9. SURFACE ELEVATION: feet 7.5
	10. DATE STARTED: 12-21-94
	11. DATE COMPLETED: 12-22-94
12. OVERBURDEN THICKNESS: unknown	15. DEPTH GROUNDWATER ENCOUNTERED: 6.0 feet
13. DEPTH DRILLED INTO ROCK: None	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: —
14. TOTAL DEPTH OF HOLE: 15.0	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): —

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

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY
	—	—	—	—	— %

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

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
							See drilling log WC-21D1 for information. Auger 0-15'

Project: Stratford Army Engine Plant

Hole No. WC-21S

HTW DRILLING LOG

HOLE No. WC-21D1

SHEET 1 OF 1 0 SHEETS 6

1. COMPANY NAME: Woodward-Clyde
2. DRILLING SUBCONTRACTOR: Associated Drilling
3. PROJECT: Stratford Arm, Engine Plant
4. LOCATION: Stratford, Conn
5. NAME OF DRILLER: Mark Schock
6. MANUFACTURER'S DESIGNATION OF DRILL: Mobile B101
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: 10.25 ± 4.25 HSA; 2" split spoon; 140 lb hammer
8. HOLE LOCATION: Access Rd
9. SURFACE ELEVATION: feet 7.5
10. DATE STARTED: 12-21-94
11. DATE COMPLETED: 12-21-94
12. OVERBURDEN THICKNESS: unknown
13. DEPTH DRILLED INTO ROCK: None
14. TOTAL DEPTH OF HOLE: 47.0 feet
15. DEPTH GROUNDWATER ENCOUNTERED: 6.0
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: —
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): —
18. GEOTECHNICAL SAMPLES: DISTURBED: UNDISTURBED: 13
19. TOTAL NUMBER OF CORE BOXES: —
20. SAMPLES FOR CHEMICAL ANALYSIS: VOC: TCL VOC (1); METALS: Priority Pollutant Metals (1); OTHER (SPECIFY): —; OTHER (SPECIFY): —
21. TOTAL CORE RECOVERY: — %
22. DISPOSITION OF HOLE: BACKFILLED: MONITORING WELL: X; OTHER (SPECIFY):
23. SIGNATURE OF INSPECTOR: Jacqueline Hartgrass

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	SW-Dark brown, m-f SAND brick fragments, trace of fine gravel, subangular organic matter, dry, med dense sand	Background 3.3ppm			4	0920-Split spoon 0-2 10" Recovery
	0.5					7	
	1.0		Peak 6.2			14	
	1.5					30	
	2.0	SW-Dark brown m-f SAND, trace of m-f subangular gravel, dry, very loose sand	Peak 6.0 ppm		WC-21D1 2-4	4	0930-Split spoon 2-4 10" Recovery 3" split spoon
	2.5					2	
	3.0					3	Sample part of MS/MSD
	3.5					47	
	4.0	GW-White subangular gravel, dry	Peak 7.0 ppm			61	0940-Split spoon 4-6 10" recovery
	4.5					38	
	5.0					12	
	5.5					17	
	6.0						

Project

Hole No.

HTW DRILLING LOG

PROJECT: Stratford Army Engine Plant
INSPECTOR: Jacqueline Heitczman
HOLE No.: WC-21D1
SHEET 2 OF 2 SHEETS 6

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
	6.0	SW-brown/grey subangular m-f gravelly m-f SAND, dry, 5", meddense sand	Peak 5.0ppm			30	1005 split spoon 6-8
	6.5	GW-grey m-c subangular Gravel, trace of sand m-c, wet, 3"				12	12" recovery
	7.0	Brick, red, wet, 2"				18	Groundwater 6.0 gal
	7.5	SW-Black, m-f SAND, wet 1"				18	
	8.0	SW-Black m-f SAND, trace of m-f subangular Gravel, wet	Peak 20.3ppm 2" from bottom of spoon			7	1015-split spoon 8.0-10.0
	8.5					15	10" Recovery
	9.0					22	
	9.5		Other 6.0ppm			30	
	10.0	SW-brown/tan m-c SAND, wet, loose sand, 6"				4	1640-split spoon 10-12
	10.5	SC-Brown/tan clayey fine SAND, wet, 9"	2.2ppm	WC-21D1 10-12		5	15" Recovery
	11.0					10	Have running sands. Added 10 gallons of water
	11.5					7	
	12.0						Auger to 15'
	12.5						
	13.0						
	13.5						
	14.0						
	14.5						

Project: Stratford Army Engine Plant

Hole No.: WC-21D1

HTW DRILLING LOG

PROJECT: Stratford Army Engine Plant
INSPECTOR: Jacqueline Heitzman
HOLE No. WC-21D1
SHEET 3 OF 6 SHEETS

ELEV. a	DEPTH 14.5 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
	15.0	SW-grey m-f SAND, wet, very loose sand					
	15.5		3.2ppm	—	—	3 2	1100-split spoon 15-17 feet 12" recovery
	16.0					2	
	16.5					4	
	17.0						Auger to 20 feet
	17.5						Added 20 gallons of water to clean out hole
	18.0						
	18.5						
	19.0						
	19.5						
	20.0	SM-brown/grey silty SAND, wet, loose sand					1115 split spoon
	20.5		3.5ppm			4	2' Recovery
	21.0					4	
	21.5			—		6	
	22.0					4	
	22.5						Auger to 25 feet Added 40 gallons to clean out hole
	23.0						

Project: Stratford Army Engine Plant
Hole No. WC-21D