

APPENDIX B – FIELD DATA RECORDS

B1 - RFI TEST PIT LOGS

TEST PIT RECORD

1 of 2

Site: ADC #13 CHAPCO

Well/Boring: TP-1301

Date: 8/14/03

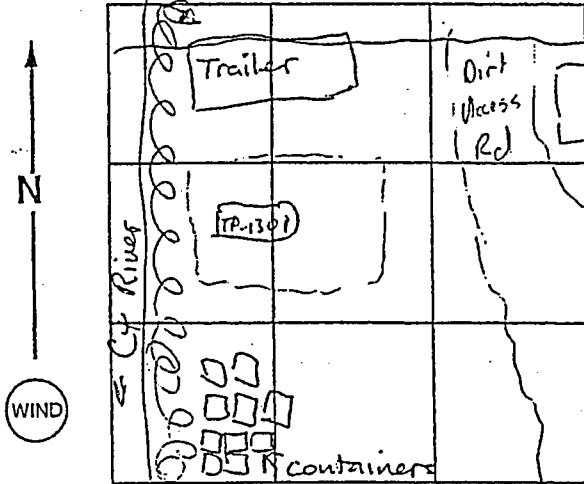
Time: 1315

End: 1420

Coordinates: _____

Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES:

Total Depth 12'
0-2 Analytical sample
7-9 - Analytical sample
Encountered bedrock beds
(4" PVC pipe at * 5-6 BGS)
Fill to at least 7' BGS

Crew Members:

1. John M
2. Bob W
3. Jerry Rawcliffe
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter	<input type="checkbox"/>	N
Explosive Gas	<input checked="" type="checkbox"/>	N
Avail. Oxygen	<input type="checkbox"/>	N
OVA	<input type="checkbox"/>	N
Other: <u>FID</u>	<input type="checkbox"/>	N

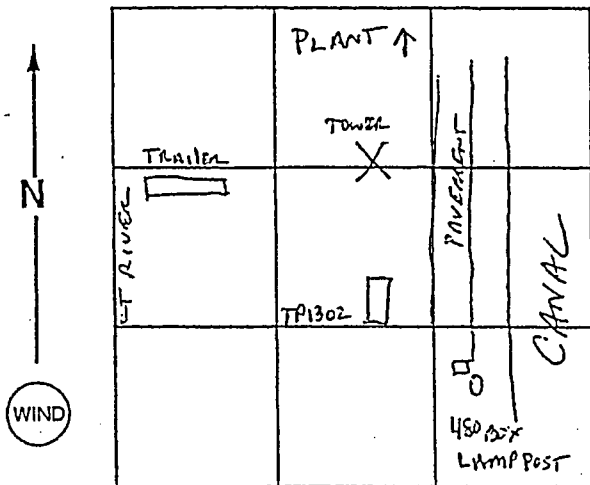
Photographs, Roll: _____

Exposure: _____

TEST PIT RECORD

Site: AOL # 13 (YAPCO) 1 of 2
 Well/Boring: TP1302 Date: 8/13/03 Time: 1250 End: 1520
 Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____
TOTAL DEPTH 12"
0-2" ANALYTICAL SAMPLES TAKEN IN
DARK STAINED AREA P.O = 11ppm
6-8" UNDER LEACH FIELD ANALYTICAL SAMPLE
TAKEN FID = 7.0ppm
FILL MATERIAL IN ENTIRE TEST PIT.
CLEARLY FOR R.M. HOLE COMPLETED.

NTS - NOT TO SCALE

Crew Members:

1. JOHN MIRONOFF
2. BOB WILDERMUTH
3. BRADLEY LAFOREST
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	Y	N
Avail. Oxygen	Y	N
OVA	Y	N
Other: <u>FID</u>	Y	N

Photographs, Roll: _____

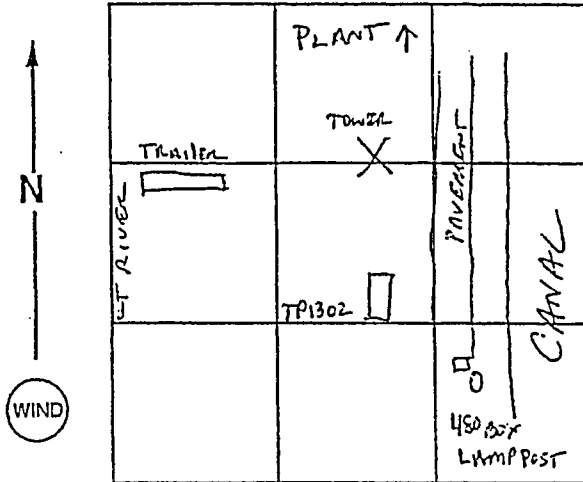
Exposure: _____

TEST PIT RECORD

1 of 2

Site: AOL # 13 (YAPCO)
 Well/Boring: TP1302 Date: 8/13/03 Time: 1250 End: 1520
 Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NIS FT.

NOTES: _____

TOTAL DEPTH 12"
0-2" ANALYTICAL SAMPLES TAKEN IN
DARK STAINED AREA P.O = 11 ppm
6-8" UNDER LEACH FIELD ANALYTICAL SAMPLE
TAKEN FID = 7.0 ppm
FILL MATERIAL IN ENTIRE TEST PIT.
CLEARANCE FOR RND. HOLE COMPLETED.

Crew Members:

1. JOHN MARNOTH
2. BOB WILDERMOTH
3. BRADLEY LAFOREST
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter N
 Explosive Gas Y N
 Avail. Oxygen Y N
 OVA Y N
 Other: FID Y N

Photographs, Roll: _____

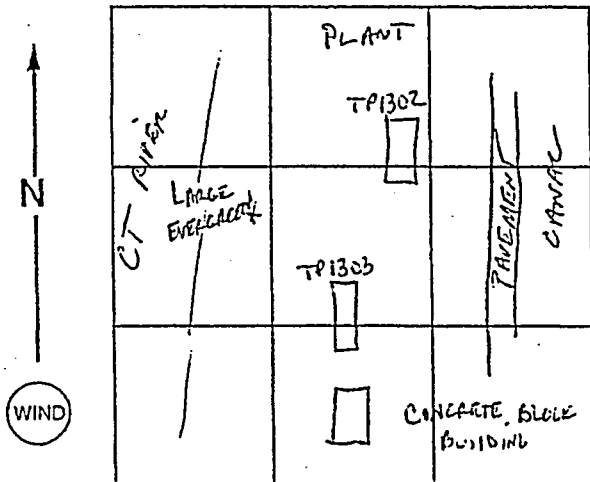
Exposure: _____

NIS - NOT TO SCALE

TEST PIT RECORD

Site: AOL 13 CYRPLC
 Well/Boring: TP1303 Date: 8/19/03 Time: 0810 End: 1415
 Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = 25 FT.

NOTES: TOTAL DEPTH 7'
5-7' ANAL. FILM SAMPLE TP130305
ENCOUNTERED LEAD FIELD BEDS AND
POSSIBLE ASBESTOS, PLASTIC, PLATH,
METAL, CANS, GLASS, WIRE, WOOD
STOPPED AT DUE TO UNCOVERING
OF POSSIBLE ASBESTOS

Crew Members:

1. JOHN MOROCH
2. MIKE CYR
3. BRAD LAFOREST
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter N
 Explosive Gas Y N
 Avail. Oxygen Y N
 OVA Y N
 Other: FID Y N

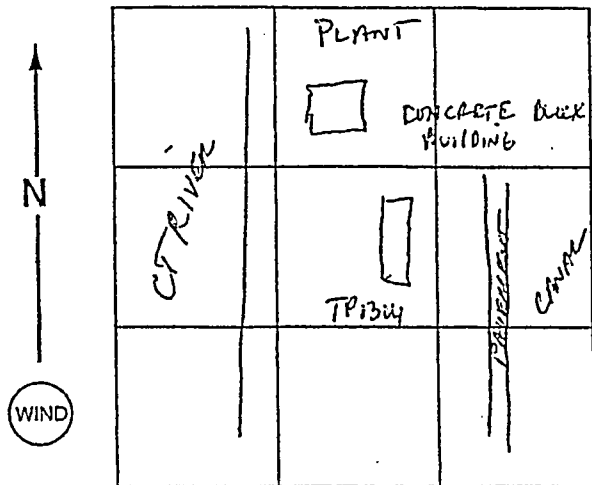
Photographs, Roll: _____

Exposure: _____

TEST PIT RECORD

Site: AOL 13 C.M. ADCO 1 of 2
 Well/Boring: TP 1304 Date: 8/19/03 Time: 1415 End: 8/20/03
 Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = PTS FT.

NOTES: TOTAL DEPTH 10'
Σ AT 10'
ANALYTICAL SAMPLE TAKEN AT
6-8'
TOP 1.5' FILL THEN NATIVE
MATERIAL TO 10'

- Crew Members:
1. JOHN MOROCH
 2. MIKE CYR
 3. BRAD LAFOREST
 4. _____
 5. _____
 6. _____

Monitor Equipment:

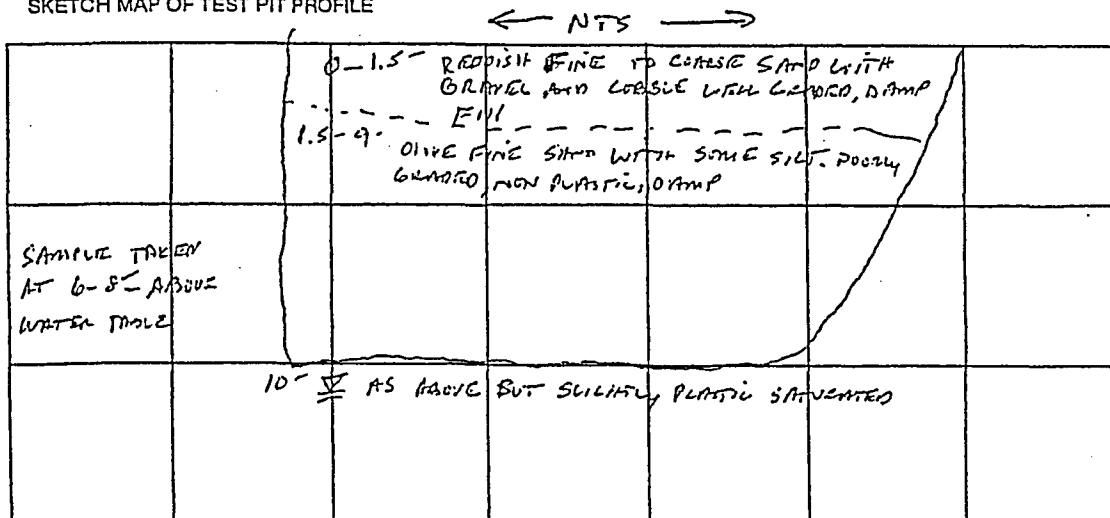
PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	<input type="checkbox"/>	N
Avail. Oxygen	<input type="checkbox"/>	N
OVA	<input type="checkbox"/>	N
Other: <u>FID</u>	<input type="checkbox"/>	N

Photographs, Roll: _____
 Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP1304
Site: AOC 13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
DEPTH (FT.) 10

NOTES: See above

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM P.10/0
S-1	TP130406	6-8	0/0
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. _____

ATTACHMENTS _____

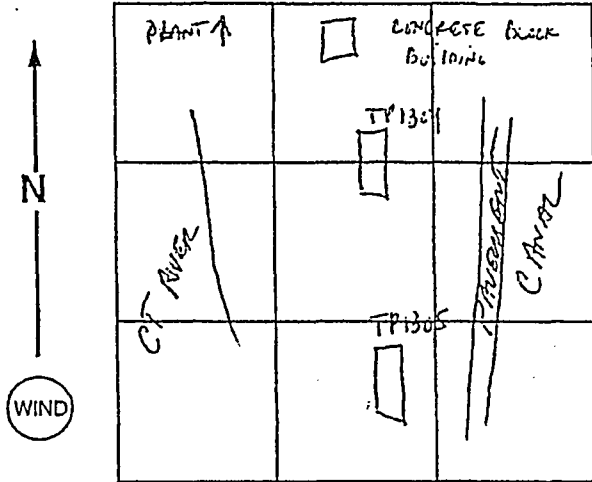
SIGNATURE: [Signature]
V KES

TEST PIT RECORD

1 of 2

Site: ASC 13 C-7A-PCO
Well/Boring: TP1305 Date: 8/20/03 Time: 1045 End: 1430
Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES:

SAMPLE TP130500 FROM 0-2'
PID = 0.0 ppm FID = 0.0 ppm

SAMPLE TP130506 FROM 6-8'
PID = 0.0 ppm FID = 0.0 ppm
TP 130506 TAKEN FROM ABOVE WATER
TABLE

Crew Members:

1. JOHN MOROCH
2. BOB WILDERMUTH
3. BRAD LAFOREST
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	Y	N
Avail. Oxygen	Y	N
OVA	Y	N
Other: <u>FID</u>		

Photographs, Roll: _____

Exposure: _____

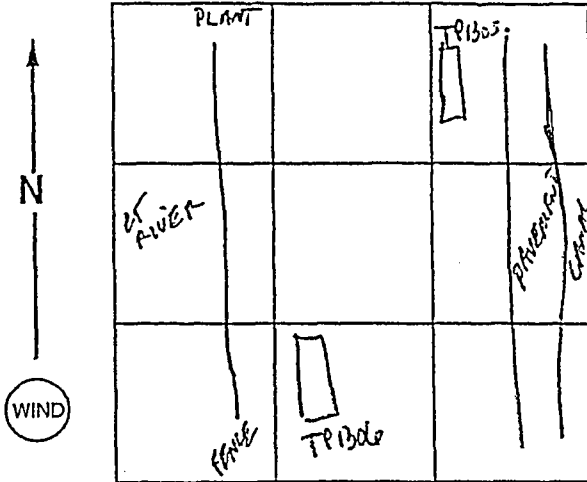
MACTEC, Inc.

TEST PIT RECORD

1 of 2

Site: AOC 13 CYPCCO
 Well/Boring: TP1306 Date: 8/21/03 Time: 0830 End: 1105
 Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: HIGH Humidity - P.O/FID NOT
ZEALING - NO INCREASE WITH EXPOSURE
TO CUTTINGS DR HOLE.
SAMPLE TP 1306 00 FROM 0-2"
SAMPLE TP 1306 10 FROM 10-12"

Crew Members:

1. JOHN MOKOCH
2. BOB WILDERMUTH
3. BRADLEY LAFORET
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter Y N
 Explosive Gas Y N
 Avail. Oxygen Y N
 OVA Y N
 Other: FID

Photographs, Roll: _____

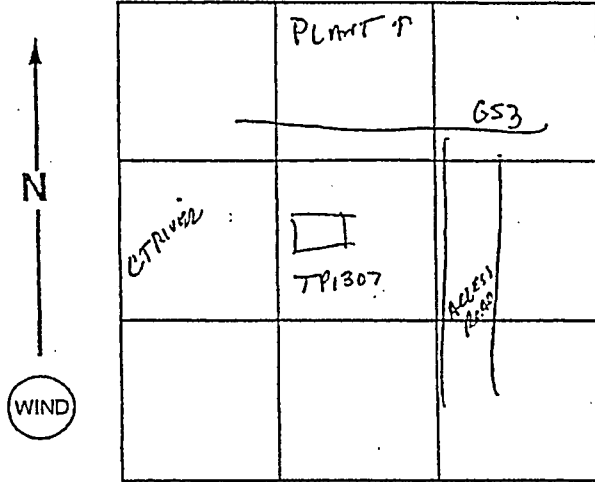
Exposure: _____

TEST PIT RECORD

1 of 2

Site: AVC 13 CYPACO
Well/Boring: TP1307 Date: 8/28/03 Time: 1345 End: 1430
Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____
% FID NOT WORKING

Crew Members:

- JOHN MURPHY
- HENRY MACDONALD (MHC)
- TIGE CUNNINGHAM
- BRAD LAFOREST
- EVE TORRES
- _____

Monitor Equipment:

PI Meter Y N
Explosive Gas Y N
Avail. Oxygen Y N
OVA Y N
Other: FID

Photographs, Roll: _____

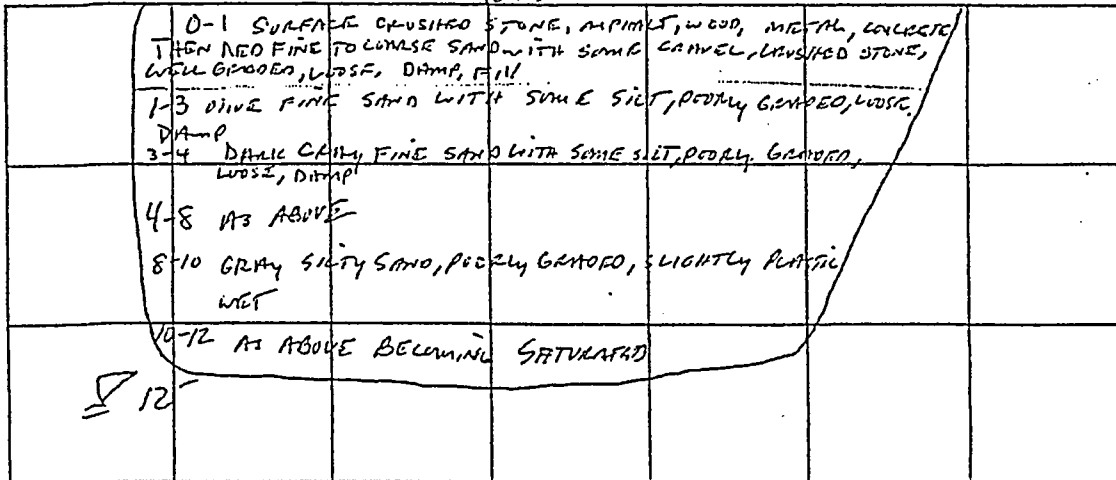
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP1307
 Site: AVL 13

SKETCH MAP OF TEST PIT PROFILE

← NT3 →



SCALE 1" = 5 FT.
 DEPTH (FT.) 12

NOTES: _____
FID NOT WORKING

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM: 110
S-1	TP130703	3-5	0
S-2	TP130710	10-12	0
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

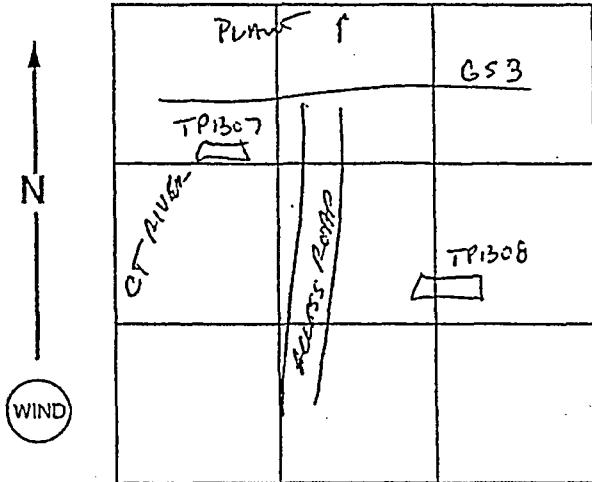
REFERENCE: FIELD BOOK, Pg. _____

ATTACHMENTS
 SIGNATURE: [Signature]
 KLS

TEST PIT RECORD

Site: AOC 13 CHAPLO
 Well/Boring: TP1308 Date: 8/21/03 Time: 1440 End: 1525
 Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____
FID NOT WORKING

Crew Members:

1. JOHN MORROW
2. HENRY MALDONADO (HAC)
3. TIGE CUNNINGHAM
4. BRAD LAFONEST
5. ELI TORRES
6. _____

Monitor Equipment:

PI Meter	⊙	N
Explosive Gas	Y	N
Avail. Oxygen	Y	N
OVA	Y	N
Other: <u>FID</u>	Y	N

Photographs, Roll: _____

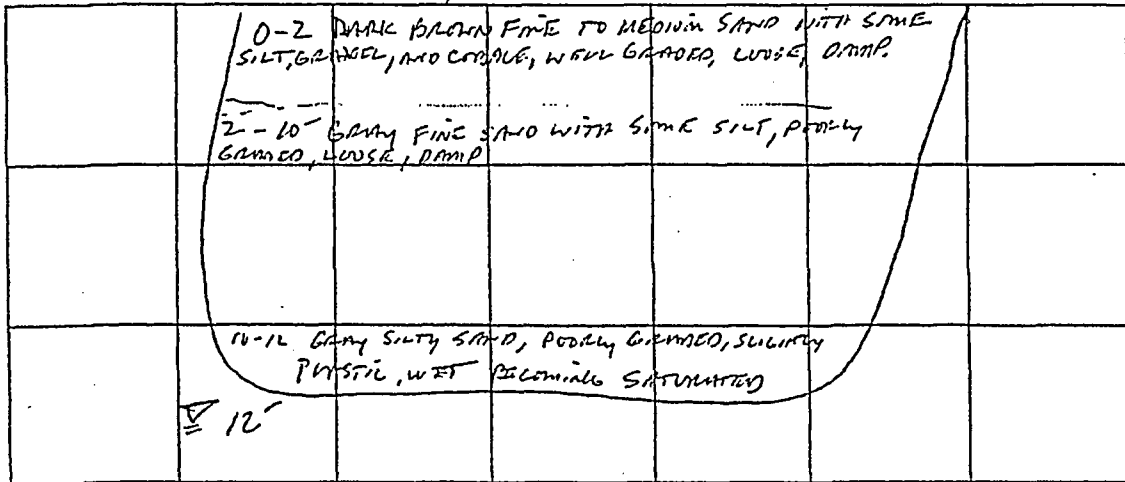
Exposure: _____

TEST PIT RECORD

2 of 2

Profile Along Test Pit: TP1308
 Site: AOC 13

SKETCH MAP OF TEST PIT PROFILE ← WTS →



SCALE 1" = 5 FT.
 DEPTH (FT) = 12

NOTES: PI NOT WORKING

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM: <u>PI</u>
S-1	TP130800	0-2	0
S-2	TP130810	10-12	0
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. _____

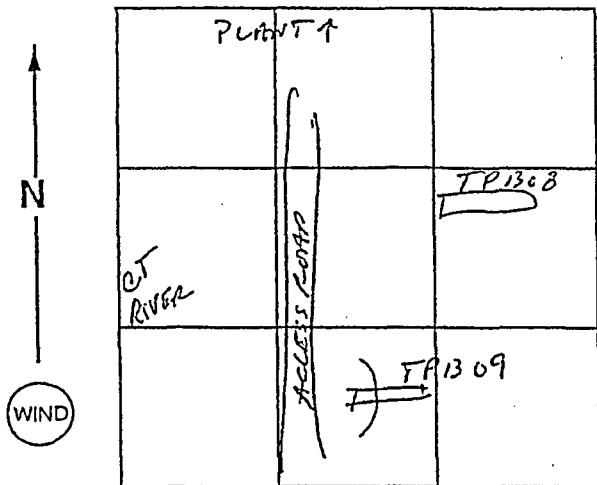
ATTACHMENTS _____
 SIGNATURE: *[Signature]*
KL5

TEST PIT RECORD

1 of 2

Site: AOL B CIAPCO
 Well/Boring: TP1309 Date: 8/28/03 Time: 1525 End: 1100
 Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NYS FT.

NOTES: _____
FID NOT WORKING

- Crew Members:
1. JOHN MEROCH
 2. HENRY MACDONALD (MHC)
 3. TIGE CUNNINGHAM
 4. BRAD LAFOREST
 5. ELI TORRES
 6. _____

Monitor Equipment:

PI Meter	<input checked="" type="radio"/>	N
Explosive Gas	<input type="radio"/>	N
Avail. Oxygen	<input type="radio"/>	N
OVA	<input type="radio"/>	N
Other: <u>FID</u>	<input type="radio"/>	N

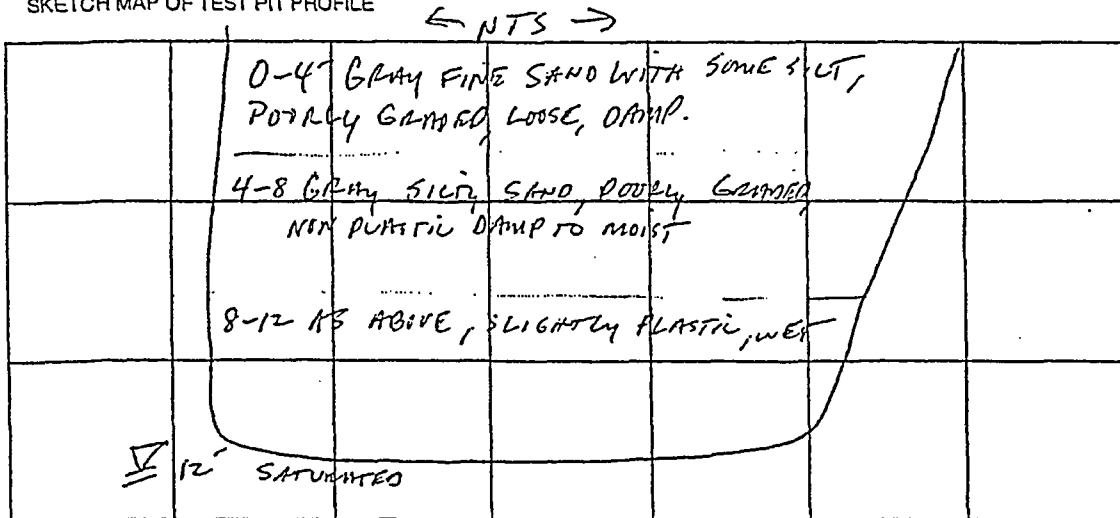
Photographs, Roll: _____
 Exposure: _____

TEST PIT RECORD

2 of 2

Profile Along Test Pit: TP 1309
 Site: AOC 13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
 DEPTH (FT.) 12

NOTES: TOP OF MOUND 3' ABOVE GRADE
BROWN FINE SAND WITH SOME SILT
GRAVEL, COBBLE, STONES, METAL, PIPES,
CONCRETE

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM: <u>PIP</u>
S-1	TP130900	0-2	0
S-2	TP130910	10-12	0
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

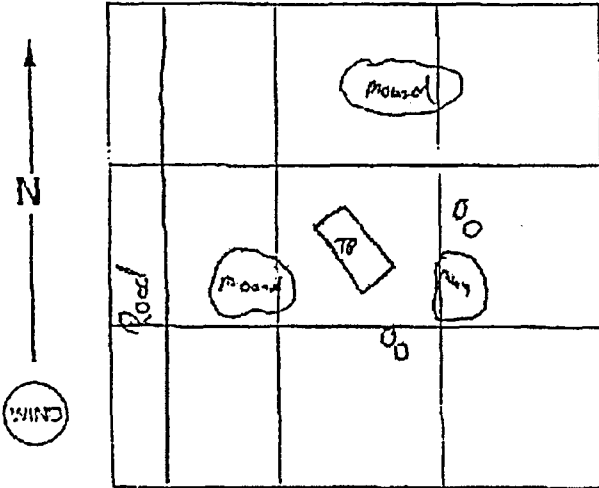
REFERENCE: FIELD BOOK, Pg. _____

ATTACHMENTS _____
 SIGNATURE: B. Kelly
 J. Kelly

TEST PIT RECORD

Site: CYAPCO AOC #13
 Well/Boring: TP-1310R Date: 11/12/83 Time: 1030 End: 1100
 Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____

Resample of Test Pit Completed earlier

Crew Members:

1. Rick Brainard
2. Leon Helt
3. Bruce Chattersen
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter N
 Explosive Gas Y N
 Avail. Oxygen Y N
 OVA Y N
 Other: FID

Photographs, Roll: _____

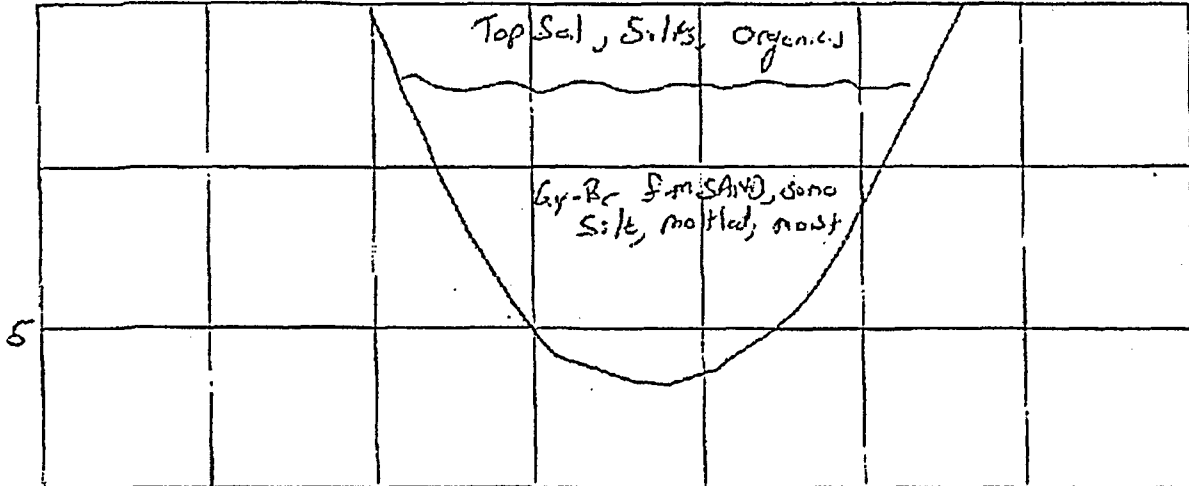
Exposure: _____

TEST PIT RECORD

2 of 2

Profile Along Test Pit: TP-1210R
 Site: LYAPCO AOC #12

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = NTS FT.
 DEPTH (FT) 6'

NOTES: _____

S-6 Gy-Bc P-m SAND, some silt, mottled, moist

Σ at ~ 6'

No.	Lab. Cat. No.	Depth (Ft.)	H.D. SP. VOL. PFM.
S-1	<u>1041</u>	<u>S-6</u>	<u>ND</u>
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD ROCK, Fg. 8/54

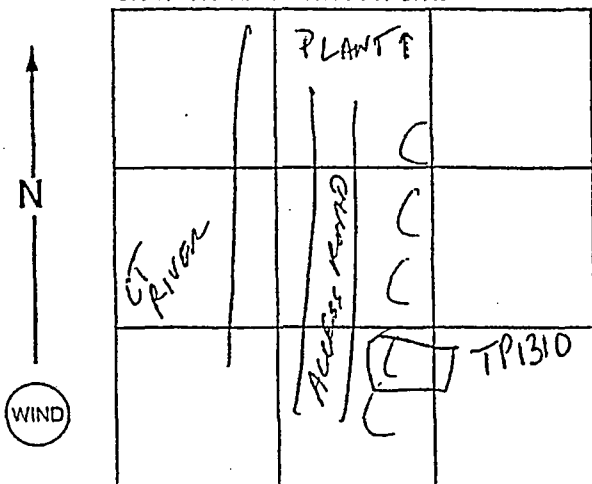
ATTACHMENTS _____

SIGNATURE: *Robert J. [Signature]*

TEST PIT RECORD

Site: AOC 13 C/LPCO
Well/Boring: TP1310 Date: 8/25/03 Time: 1120 End: 1230
Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTJ FT.

NOTES: FID NOT WORKING - NO HYDROGEN

Crew Members:

1. JOHN MCLOTH
2. HENRY MacDONALD (MAC)
3. TIBE CUNNINGHAM
4. BRAD LAFOREST
5. JIM LIMBERT
6. ELI TORRES

Monitor Equipment:

PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	Y	N
Avail. Oxygen	Y	N
OVA	Y	N
Other: <u>Fid</u>	Y	N

Photographs, Roll: _____

Exposure: _____

TEST PIT RECORD

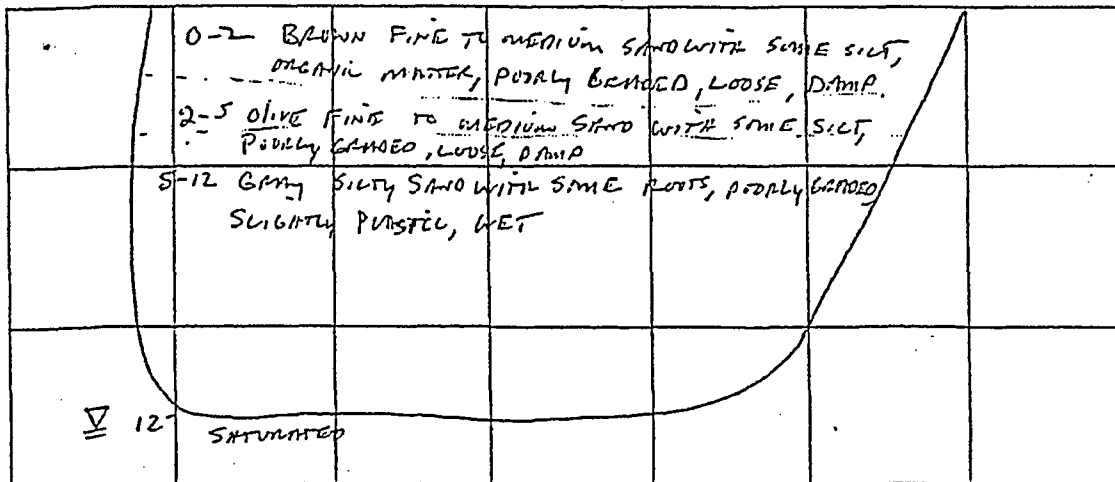
2 of 2

Profile Along Test Pit: TP1310

Site: AOL 13

SKETCH MAP OF TEST PIT PROFILE

← NTS →



SCALE 1" = 5 FT.
DEPTH (FT) 12

NOTES:

TOP OF MOUND 3" ABOVE GRADE
BROWN FINE TO MEDIUM SAND WITH
SOME SILT AND GRAVEL, LARGE ROCKS,
CONCRETE, WOOD, WIRE, PIPE, HEAVY LITE,
PLASTIC SHEETING, ROPE, METAL
FID NOT WORKING

No.:	Int. Ser. No.:	Depth (FT):	HD. SP. VOA PPM: P.O
S-1	TP131000	02	0
S-2	TP131005	5-7	0
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. _____

ATTACHMENTS

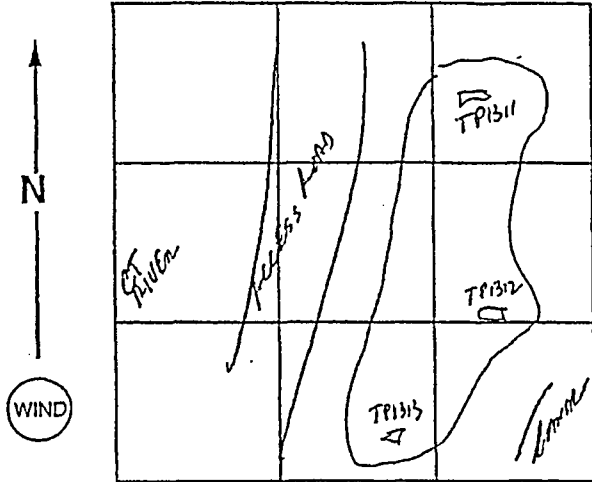
SIGNATURE: B. J. [Signature]

RES.

TEST PIT RECORD

Site: ROLB (YAPCD)
 Well/Boring: TP1311 Date: 8/27/03 Time: 1300 End: 1405
 Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = 40 FT.

NOTES: see next page

Crew Members:

1. JOHN MOROCK
2. HENRY McDONALD (MMC)
3. REAR LAFORETT
4. JEFF GIGER
5. RICKEY WOODHALL (WOODY)
6. _____

Monitor Equipment:

PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	Y	N
Avail. Oxygen	Y	N
OVA	Y	N
Other: <u>FID</u>	Y	N

Photographs, Roll: _____

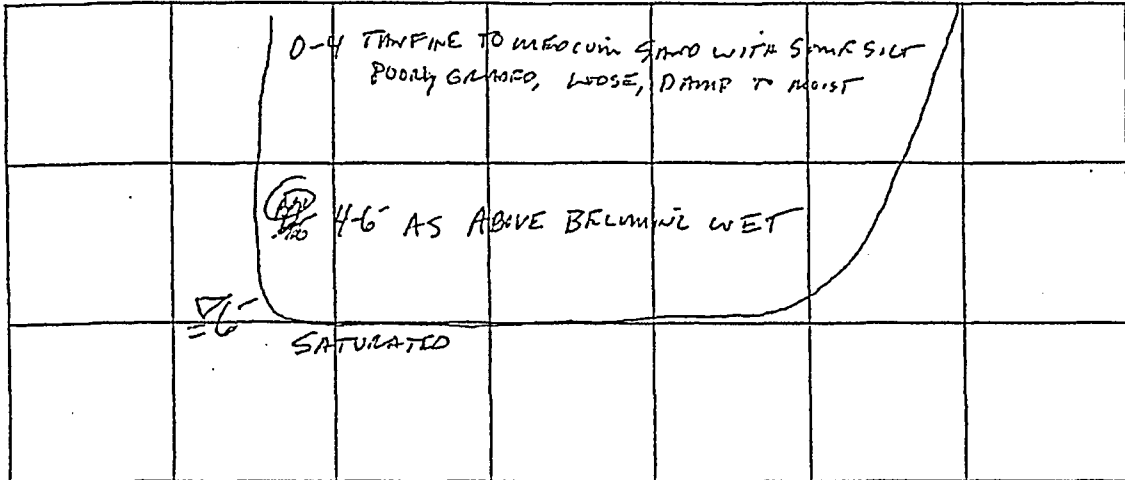
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP1311
 Site: AIC 13

SKETCH MAP OF TEST PIT PROFILE

← NTS →



SCALE 1" = 3 FT.
 DEPTH (FT.) 6

NOTES: see above

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM: 1.0/1.0
S-1	TP131100	0-2	00
S-2	TP131104	4-6	0/0
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. _____

ATTACHMENTS
 SIGNATURE: Bradley
 JKL

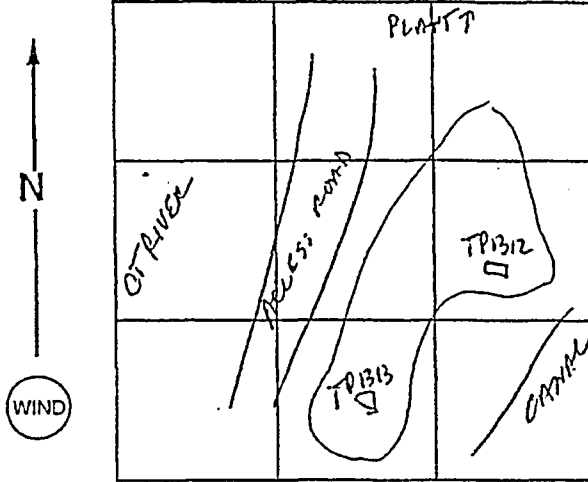
TEST PIT RECORD

Site: AOL13 CHAPCO

Well/Boring: TP1312 Date: 8/27/03 Time: 1040 End: 1200

Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: SEE NEXT PAGE

Crew Members:

1. JOHN MORRIS
2. HENRY McDONALD (MAC)
3. BRAD LAFORETT
4. JEFF GINGER
5. RICKY WOODHALL (WOODY)
6. _____

Monitor Equipment:

PI Meter Y N
 Explosive Gas Y N
 Avail. Oxygen Y N
 OVA Y N
 Other: FID Y N

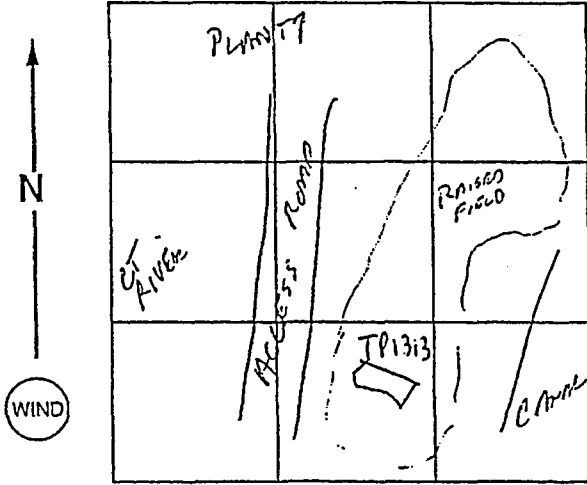
Photographs, Roll: _____

Exposure: _____

TEST PIT RECORD

Site: AOC 13 CMAPCO
 Well/Boring: TP1313 Date: 8/27/03 Time: 0825 End: 1010
 Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: See next page

Crew Members:

1. JOHN MOROCH
2. HENRY MALDONADO (MAX)
3. ARAN LHOFFER
4. JEFF GILLEN
5. RILEY WOODHALL (WOODY)
6. _____

Monitor Equipment:

PI Meter Y N
 Explosive Gas Y N
 Avail. Oxygen Y N
 OVA Y N
 Other: FIH

Photographs, Roll: _____

Exposure: _____

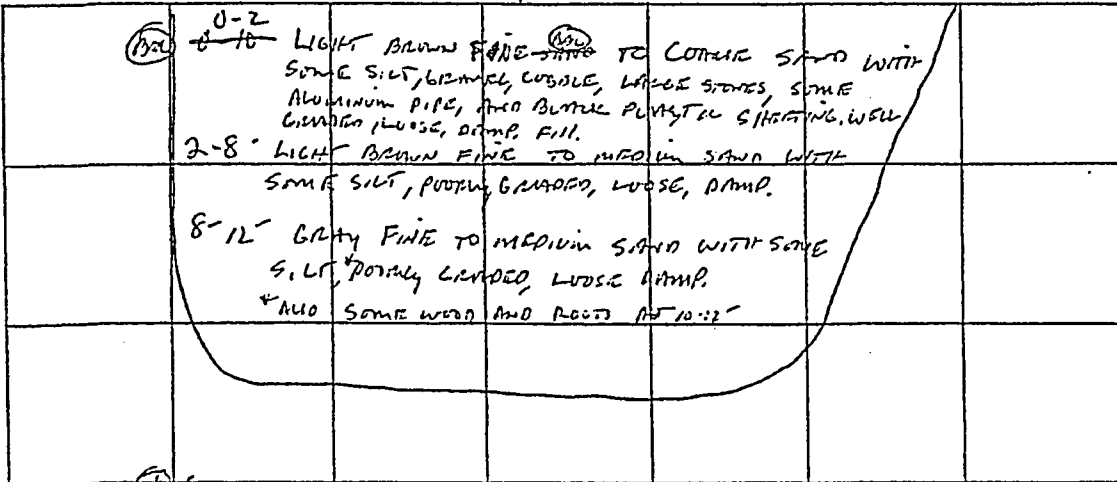
TEST PIT RECORD

2 of 2

Profile Along Test Pit: TP1313
 Site: A0213

SKETCH MAP OF TEST PIT PROFILE

← NTS →



SCALE 1" = 5 FT.
 DEPTH (FT.) 12

NOTES:

DID NOT ENCOUNTER WATER
TABLE
10-12' F10 = 190ppm

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA REM. P10/P10
S-1	TP131300	0-2	0/0
S-2	TP131300	10-12	0/5200ppm
S-3	TP131310	10-12	0/190
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. _____

ATTACHMENTS _____

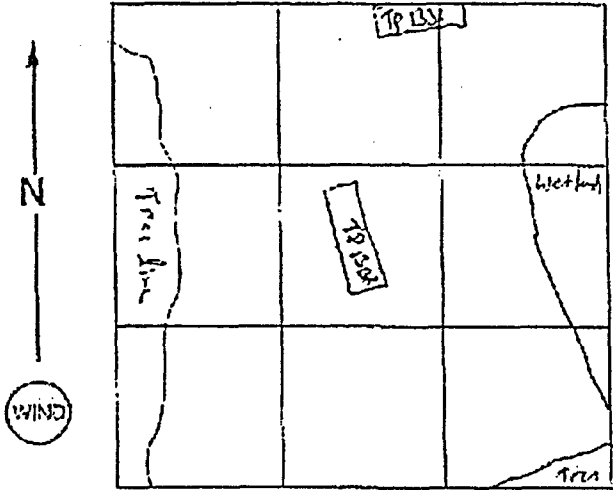
SIGNATURE: [Signature]
 KLO

TEST PIT RECORD

1 of 2

Site: Anc #13
Well/Boring: TP1313R Date: 11/10/07 Time: 1430 End: 1515
Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____

Crew Members:

1. Leon Holt
2. Barry S. Chatterton
3. Rick Rainey
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	<input type="checkbox"/>	N
Avail. Oxygen	<input type="checkbox"/>	N
OVA	<input type="checkbox"/>	N
Other: <u>ETA</u>	<input type="checkbox"/>	N

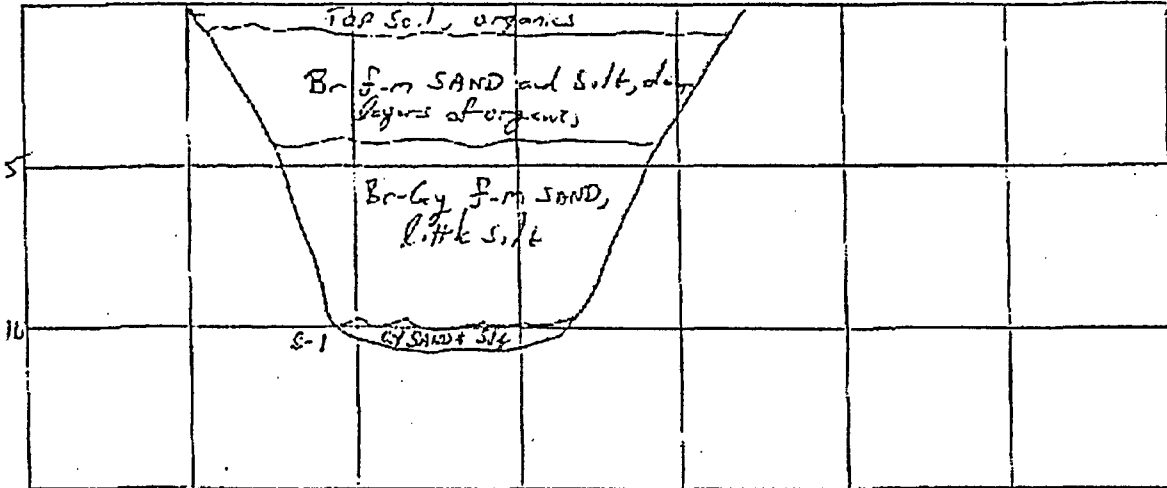
Photographs, Roll: _____

Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: _____
 Sta: AOC #13 TP-1313R

SKETCH MAP OF TEST PIT PROFILE



SCALE: 1" = NTS FT.
 DEPTH (FT) _____

NOTES: _____

0-4 Br SAND and silt, damp
4-10 Br-Gy SAND little silt, damp

1445 10-11 Gy f SAND and silt, moist, trace organics, 9.2ppm

No.:	Int. Ser. No.:	Depth (ft):	HD, SP, VOA PPM:
S-1	<u>1445</u>	<u>10-11</u>	<u>29 FID</u>
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 8, 48

ATTACHMENTS _____

SIGNATURE: *Robert J. ...*

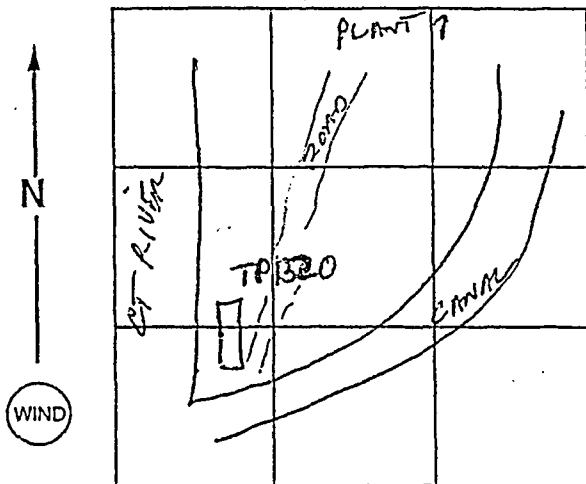
TOP Benzene

TEST PIT RECORD

1 of 2

Site: FDL3 CHAPCO
Well/Boring: TP1320 Date: 8/21/03 Time: 1400 End: 1510
Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: SAMPLE TP132000 0-2'
SAMPLE TP132010 10-12'
PID/FID STILL READING ABOVE ZERO
NO INCREASE WHEN EXPOSED TO SOIL
CUTTINGS OR HELE.
NO RAD TAKEN FOR HP

Crew Members:

- JOHN MORCOUT
- BOD WILDERMUTH
- JEFF GILGER
- BRADLEY B LAFORET
- _____
- _____

Monitor Equipment:

PI Meter N
Explosive Gas Y N
Avail. Oxygen Y N
OVA Y N
Other: FID Y N

Photographs, Roll: _____

Exposure: _____

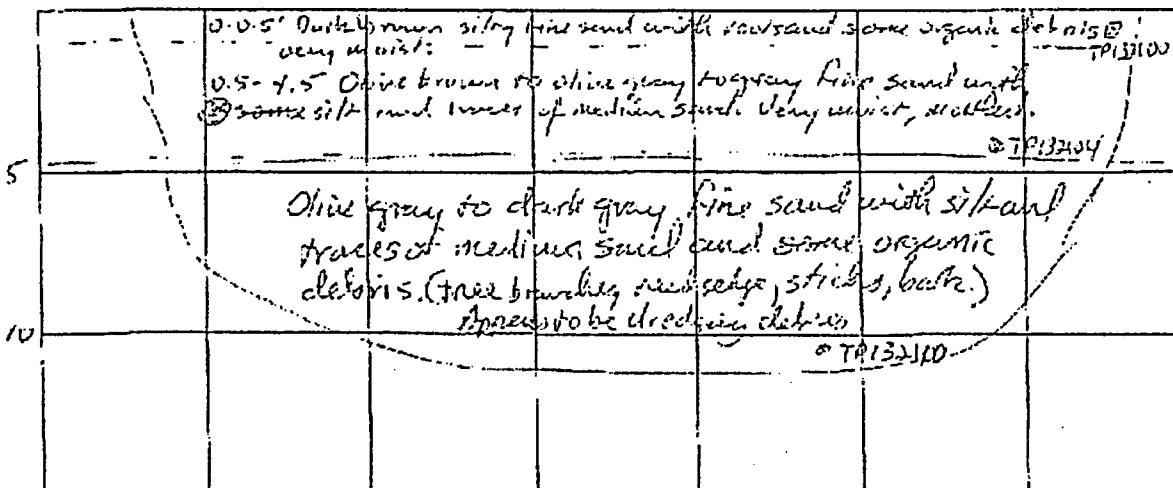
TEST PIT RECORD

2 of 2

Profile Along Test Pit: TP1321

Site: CYAPCO AOC #13

SKETCH MAP OF TEST PIT PROFILE



SCALE: 1" = 11' FT.
DEPTH (FT) 11'

NOTES:

Soils appear to be dredge spoils
 TIP note written date to rain
 Collected MS/MIS/DUP from 8' interval
 Groundwater not encountered but
 must be very close to WGS, based on
 observations of water in cement.

No.	Int. Ser. No.	Depth (FL)	NO. SP. VCA P10 PPM: 711
S-1	TP132100	0-1	0 / NA
S-2	TP132104	4-5	0 / NA
S-3	TP132110	11-11	0 / NA
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. last page 79

ATTACHMENTS

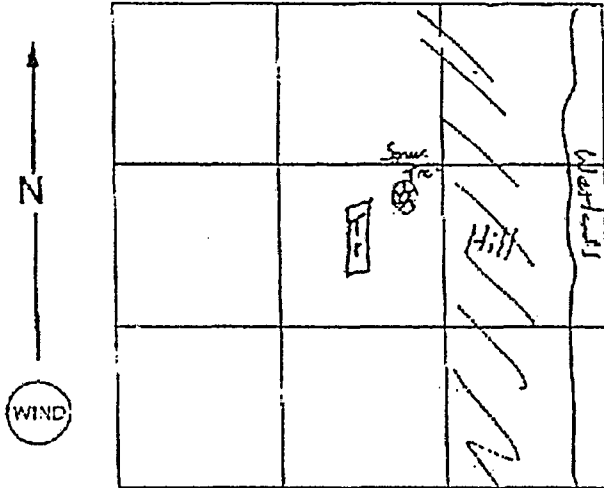
SIGNATURE: Jerry Rauloff

TEST PIT RECORD

1 of 2

Site: CYBRCO AOC #13
Well/Boring: TP-1322 Date: 11/11/03 Time: 1430 End: 1520
Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ M.P.S. _____ FT.

NOTES: _____

Crew Members:

1. Leon Helt
2. Bruce Chatterton
3. Rick Brained
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter: Y N
Explosive Gas: Y N
Avail. Oxygen: Y N
OVA: Y N
Other: FID

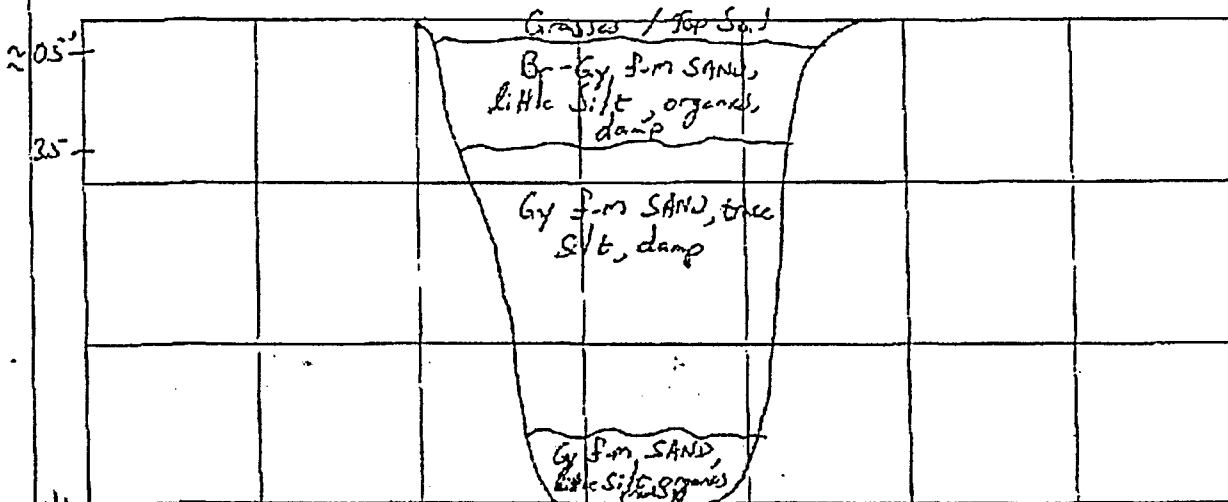
Photographs, Roll:

Exposure:

TEST PIT RECORD

Profile Along Test Pit: TP-1322
 Site: AOC #13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = NIS FT.
 DEPTH (FT) _____

NOTES:

0-3.5 Br-Gy f-m SAND, little silt, organics, damp
-to 3.5' BG 3

4-10 Gy f-m SAND, trace silt, damp

10-11 Gy f-m SAND, little silt, organics, moist

No.	Instr. No. / Time	Depth (ft.)	HD. SP. NO. / PPM
S-1	1440	0-1	ND
S-2	1456	4-5	ND
S-3	1455	10-11	ND
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK Pg. 8, 51

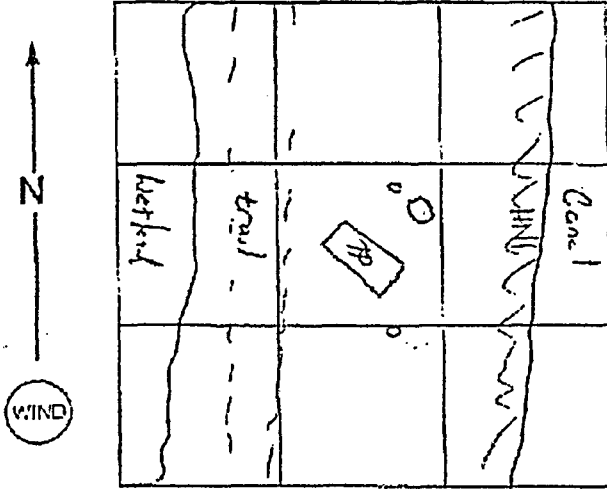
ATTACHMENTS _____

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYARCO AOC #13
Well/Boring: TP-1323 Date: 11/12/03 Time: 0840 End: 0925
Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____

Crew Members:

1. Rick Brainerd
2. Leon Helt
3. Bruce Chatterton
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter _____
Explosive Gas Y N
Avail. Oxygen Y N
OVA Y N
Other: FID _____

Photographs, Roll: _____

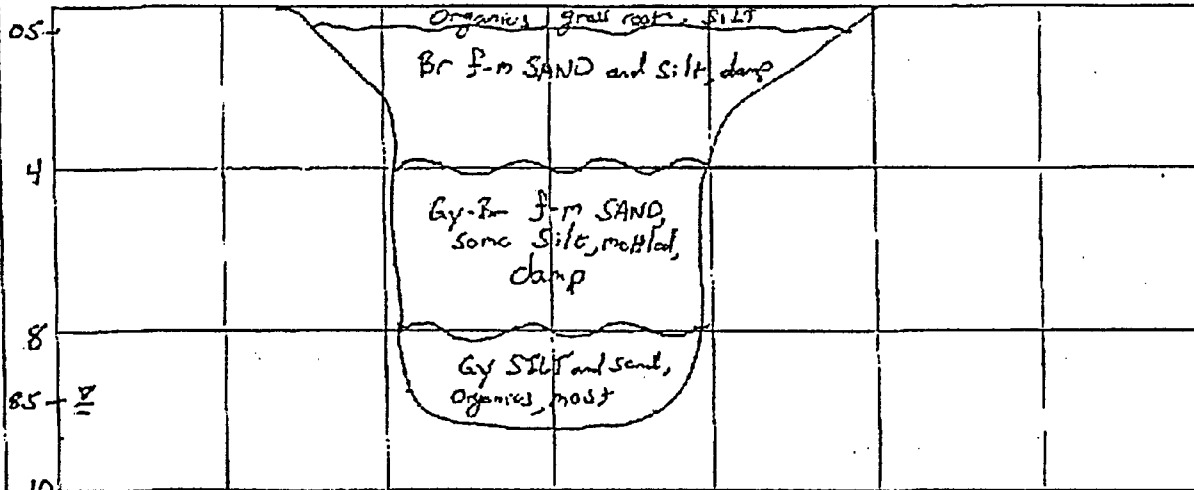
Exposure: _____

TEST PIT RECORD

2 of 2

Profile Along Test Pit: TP-1323
 Site: CYARCO AOC #13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = NTS FT.
 DEPTH (FT) 9

NOTES: _____

- 0-0.5 Grass/roots, Br. Silt
- 0.5-4 Br f-m SAND and silt, damp
- 4-8 Gy-br f-m SAND, some silt, mottled, damp
- 4-8 Gy-br f-m SAND, some silt, mottled, damp
- 8-9 Gy SILT and sand, organics (grass, wood), moist
- 8.5 ~ 8.5'

No.	Time	Depth (ft)	HD. SP. VOA PPM.
B-1	0650	0-1	ND
S-2	0900	4-5	ND
S-3	0900	8-9	352 (FD)
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 8/55

ATTACHMENTS _____

SIGNATURE: [Signature]

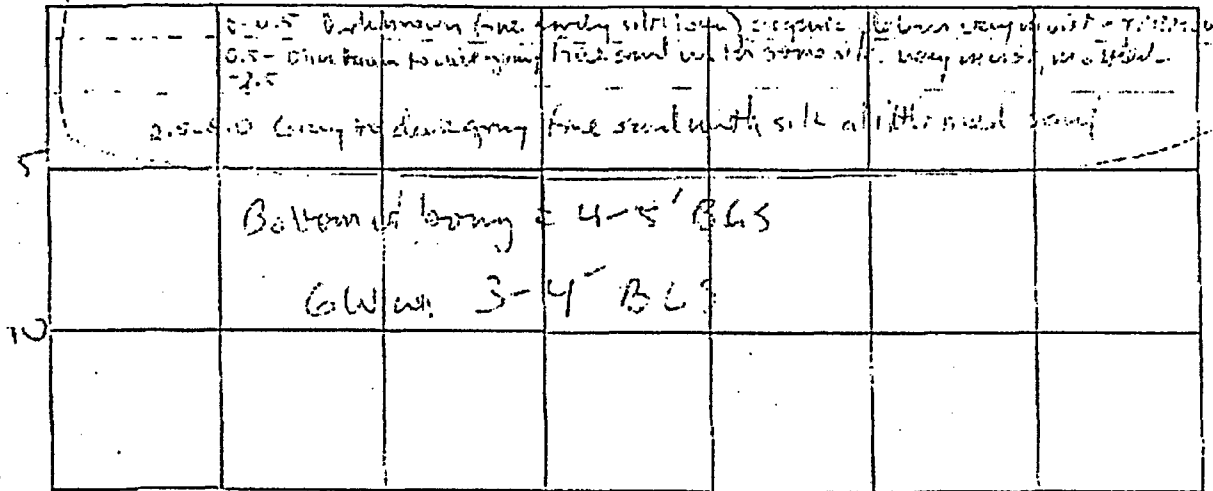
TEST PIT RECORD

2 of 2

Profile Along Test Pit: TP 1324

Site: MAPOC AOC#13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 10' FT.
DEPTH (FT) = 5'

NOTES:

GW at 3.5'

No.	Int. Ser. No.	Depth (ft)	HC, SP, V2A	
			NO	PPM: FID
S-1	TP132402	0-1	0	10
S-2	TP132404	4-5	1	145
S-3				
S-4				
S-5				
S-6				
S-7				
S-8				

REFERENCE: FIELD BOOK, Pg. # 76 to 78

ATTACHMENTS

SIGNATURE:

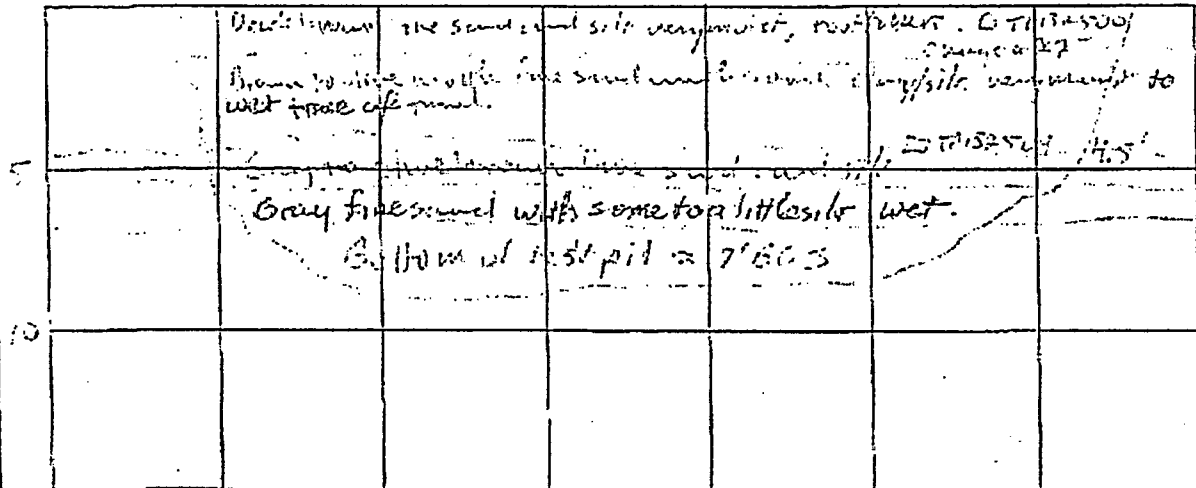
Jerry R. [Signature]

TEST PIT RECORD

Profile Along Test Pit: TP1325

Site: CY - AOC #13

SKETCH MAP OF TEST PIT PROFILE



NOTES:

Groundwater encountered at = 4.5' bgs

No.	Inv. Ser. No.	Depth (ft.)	HC, SP, VOA PPM
S-1	TP132500	0-1	ND, 3 / 0 / 10
S-2	TP132504	4-5	12 / 35
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. #6, p. 75

ATTACHMENTS

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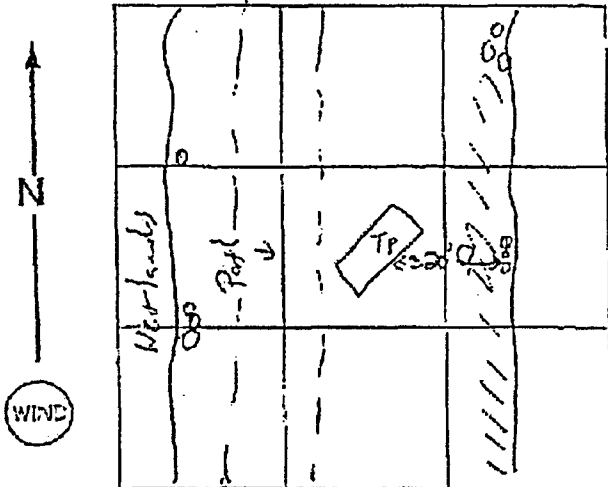
James Reynolds

TEST PIT RECORD

1 of 2

Site: CYARCO AOC #13
Well/Boring: TP-1326 Date: 11/12/03 Time: 0920 End: 1005
Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____

Crew Members:

1. Rick Brainerd
2. Leon Helt
3. Bruce Chatterton
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter _____
Explosive Gas Y N
Avail. Oxygen Y N
OVA Y N
Other: FLO _____

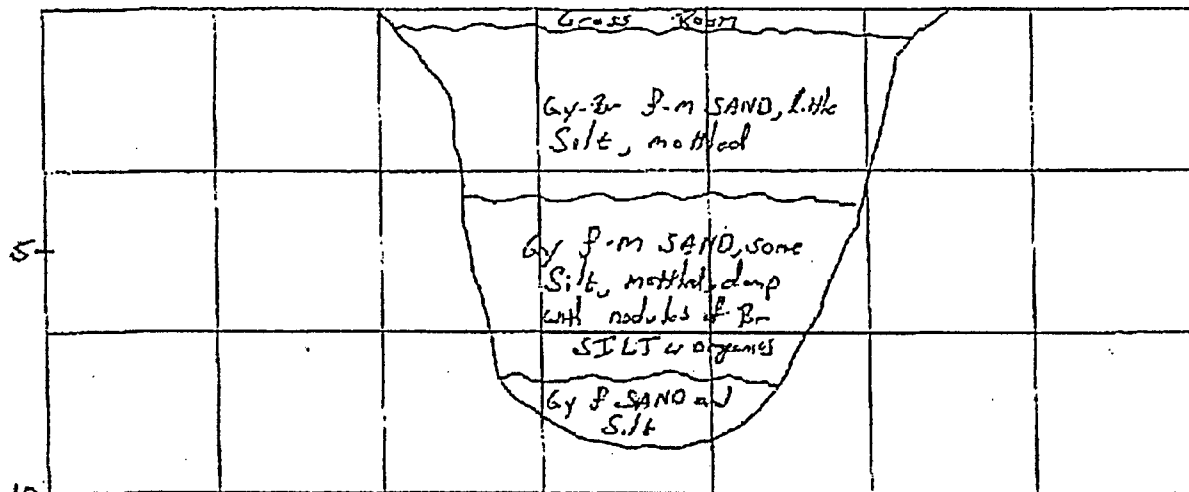
Photographs, Roll: _____

Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP-1326
 Site: CYARCO AOC # 13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = NTS FT.
 DEPTH (FT): 9'

NOTES:

0-1 Gy-br f-m SAND, little silt mottled, damp, trace organics

4-5 Gy f-m SAND, some silt, mottled, damp with clumps of Br SILT with organics

8-9 Gy f SAND and Silt, moist, wood

Σ ≈ 9'

No.	Int. Equip. No.	Depth (ft.)	HIL. SP. VOL. PPM:
S-1	0925	0-1	ND
S-2	0930	4-5	30.5
S-3	1005	8-9	335
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 8/53

ATTACHMENTS

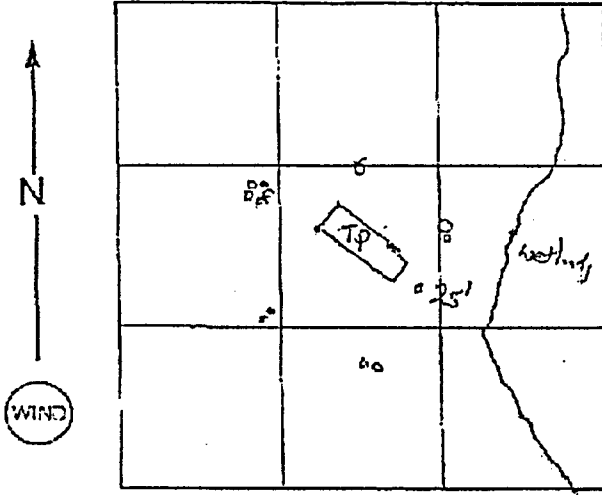
SIGNATURE:

Robert B...

TEST PIT RECORD

Site: AOC #13
Well/Boring: TP-1327 Date: 11/11/03 Time: 1345 End: 1410
Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = 125 FT.

NOTES: _____

- Crew Members:
- Leon Helm
 - Bruce Chatterson
 - Rick Brainerd
 - _____
 - _____
 - _____

Monitor Equipment:

PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	<input type="checkbox"/>	N
Avail. Oxygen	<input type="checkbox"/>	N
OVA	<input type="checkbox"/>	N
Other: <u>FID</u>	<input type="checkbox"/>	N

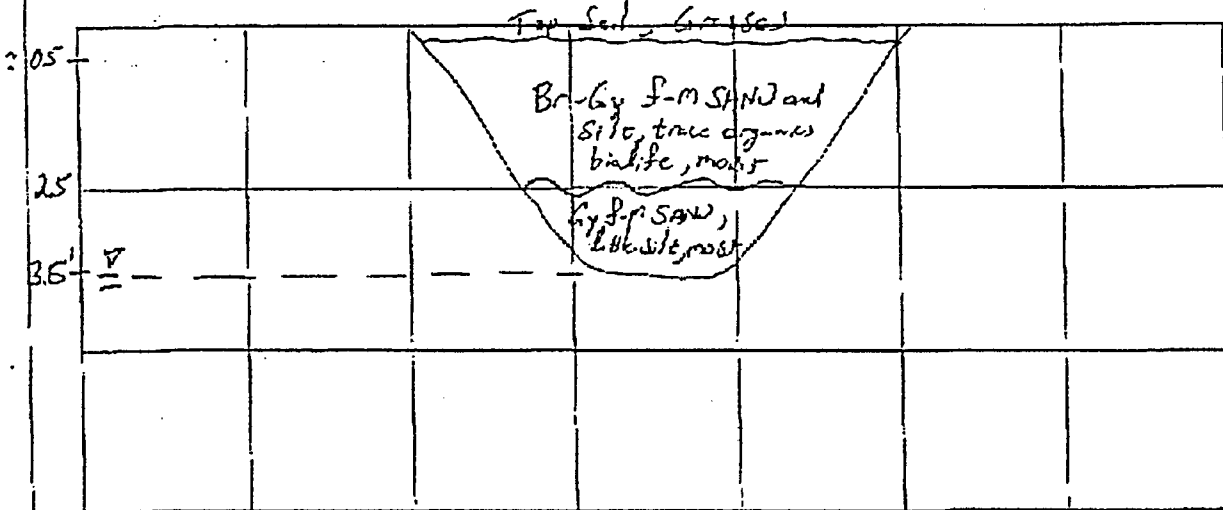
Photographs, Roll: _____
Exposure: _____

TEST PIT RECORD

2 of 2

Profile Along Test Pit: TP-1327
 Sta: AOC 413

SKETCH MAP OF TEST PIT PROFILE



SCALE: 1" = NIS FT.
 DEPTH (FT.) _____

NOTES: _____

0-1 (TP132700) Br-Gy f-m SAND and Silt, trace organics, biolife (worms), moist

2.5-3.5 Gy f-m SAND, little silt, moist

∇ at ≈ 3.5'

No.:	Sample Time	Depth (ft.):	Mo. SF. VOA P/LE
E-1	1350	0-1	ND
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 8.51

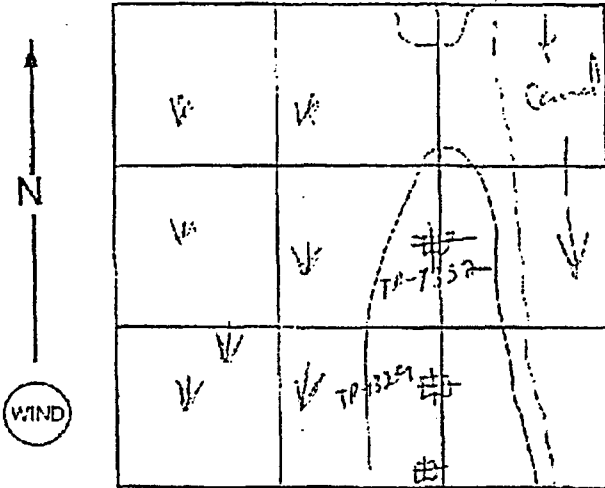
ATTACHMENTS _____

SIGNATURE: Robt J. Beane

TEST PIT RECORD

Site: CYAPCO AOC#13 1 of 2
 Well/Boring: TP 13259 Date: 11/21/03 Time: 1000 End: 1120
 Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: Caliber = 10" 665

- Crew Members:
1. Clarence Johnson
 2. Henry McDonald
 3. Terry Rowcliffe
 4. _____
 5. _____
 6. _____

Monitor Equipment:

PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	<input type="checkbox"/>	N
Avall. Oxygen	<input type="checkbox"/>	N
OVA	<input type="checkbox"/>	N
Other: <u>FID</u>	<input type="checkbox"/>	N

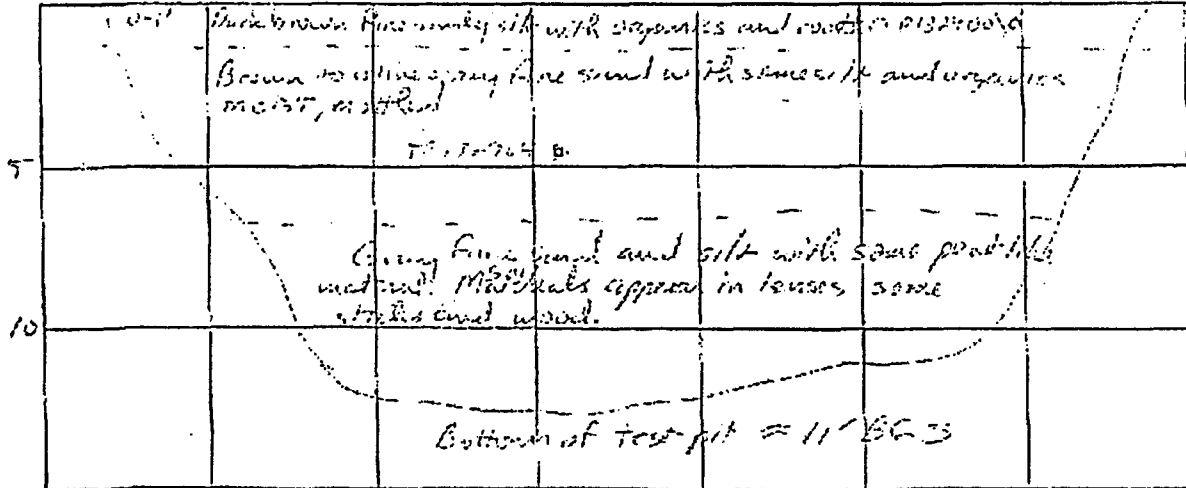
Photographs, Roll: _____
 Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP-1329

Site: (2410) HX 413

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 10' FT.
DEPTH (FT.) = 10'-11"

NOTES:

High FID readings on peaty lenses
that have a spongy, decomposed
color at 2'-10' BGS
Appears to be organic soils.

No.	Int. Ser. No.	Depth (ft.)	HC, SP, VOA FID ppm: %
S-1	TP1329-01	0-1	0 / 0%
S-2	TP1329-04	4-5	0 / 0%
S-3	TP1329-10	10-11	0 / 0%
E-4			
E-5			
E-6			
E-7			
E-8			

REFERENCE: FIELD BOOK, Pg. 116, 81

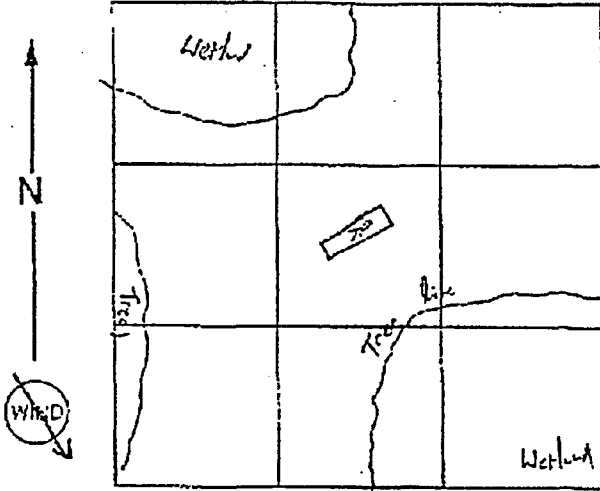
ATTACHMENTS

SIGNATURE: [Signature]

TEST PIT RECORD

Site: AOC#13 1 of 2
Well/Boring: TP-1331 Date: 11/10 Time: 1315 End: 1420
Coordinates: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____

- Crew Members:
1. Leon Holt
 2. Bruce Chatterton
 3. Rick Brainerd
 4. _____
 5. _____
 6. _____

Monitor Equipment:

PI Meter		
Explosive Gas	<input checked="" type="checkbox"/>	N
Avail. Oxygen	<input type="checkbox"/>	N
OVA	<input type="checkbox"/>	N
Other: <u>ELD</u>	<input type="checkbox"/>	N

Photographs, Roll: _____

Exposure: _____

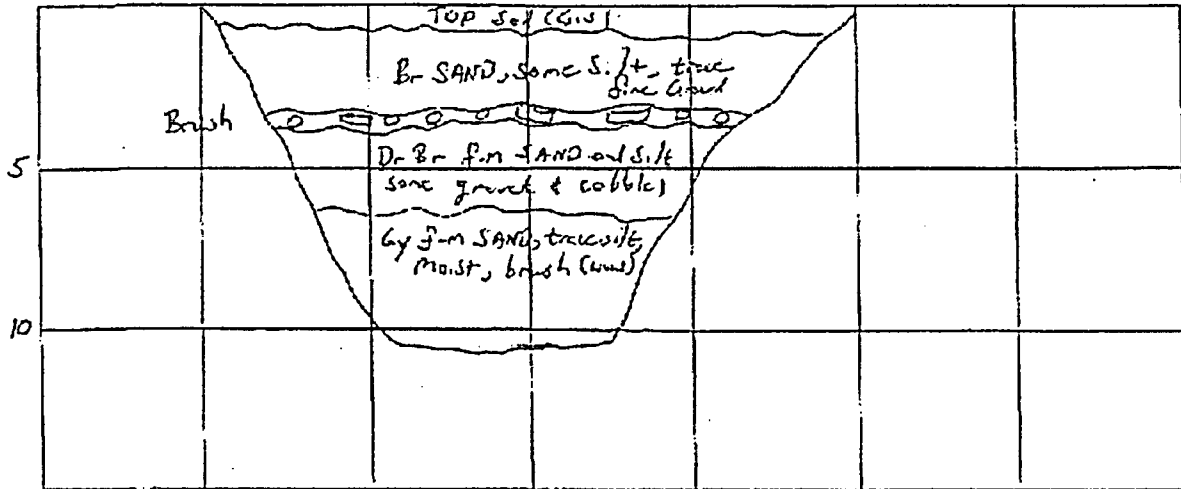
TEST PIT RECORD

2 of 2

Profile Along Test Pit: _____

Site: AOC # TP-1331

SKETCH MAP OF TEST PIT PROFILE



SCALE: _____ FT.
DEPTH (FT): _____

NOTES:

- 0-1 1320 Br f SAND, some silt, trace f-gravel, organics
- 3.5' Wood FSD 21, odor (petroleum or diesel)
org-mat, moist
- 4.5 1335 Dr Br f-m SAND, acid silt, some gravel
& cobbles, (15 ppm FID), moist
- 6' Ly f-m SAND trace silt, organics, moist
- 10-11 Ly f-m SAND, trace silt, moist (17 ppm)

No.:	Int. Test No. / Time	Depth (ft.)	HL, RP, VOR / PPM
S-1	1320	0-1	ND
S-2	1335	4.5	15
S-3	1350	10-11	12
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 8, 48

ATTACHMENTS _____

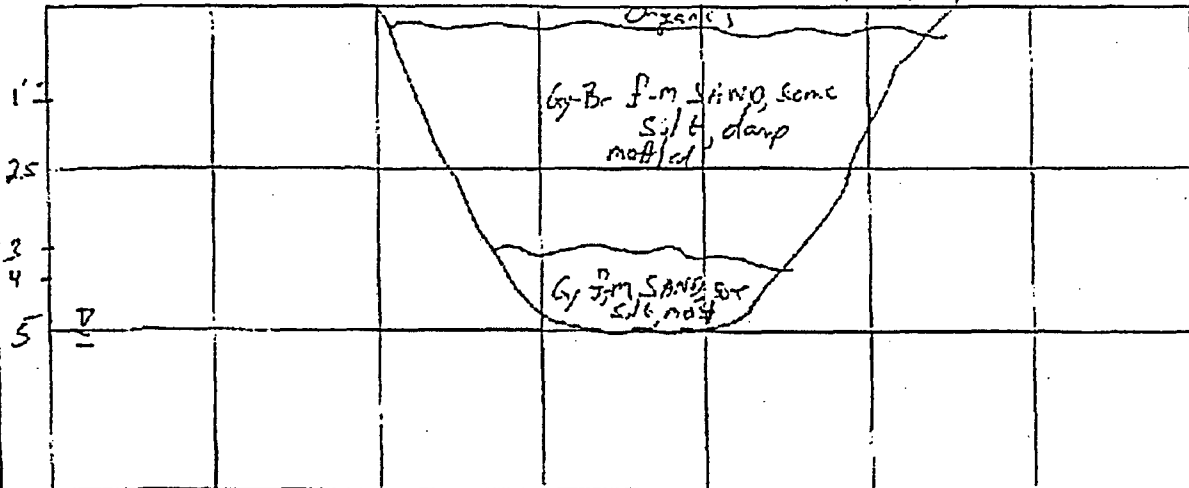
SIGNATURE: Rehlfone

TEST PIT RECORD

2 of 2

Profile Along Test Pit: TP-1230th 1333
 STA: AOC # 13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = NTS FT.
 DEPTH (FT) _____

NOTES:

0-1 Gy-Br f-m SAND, some silt damp, mottled

4-5 Gy f-m SAND, some silt, moist

2-5

No.	Int. Description	Depth (ft)	FD, SP, VOA PHM
S-1	<u>1020</u>	<u>0-1</u>	<u>NO</u>
S-2	<u>1025</u>	<u>4.5</u>	<u>NO</u>
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 851

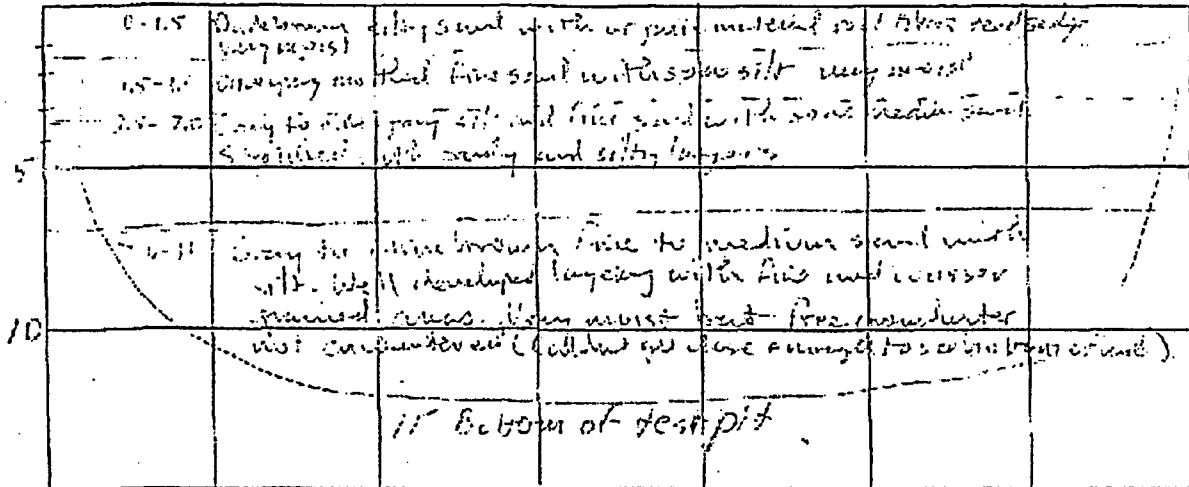
ATTACHMENTS _____

SIGNATURE: [Signature]

TEST PIT RECORD

Profile Along Test Pit: TP 1334
 Site: ARC #13 CNAPO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = N/A FT.
 DEPTH (FT) 11'

NOTES:
Collected Wis/WSD/DW at 0-1'
VSA, SVA, PVA, MVA, % solids,
other metals
Appears to be bridge spilt from
current

No.	Inc. Ser. No.	Depth (ft)	HD, SF, VCA PO, PPS, FI
S-1	TP133400	0-1	0 / 3.5
S-2	TP133401	11-5'	0 / 1.3
S-3	TP133410	7-11	0 / 0.6
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, No. 77-78

ATTACHMENTS
 SIGNATURE: James R. [Signature]

B2 – SUPPLEMENTAL CHARACTERIZATION TEST PIT LOGS

TEST PIT RECORD

Profile Along Test Pit: TP 1335
Site: AOC 13

SKETCH MAP OF TEST PIT PROFILE

	0-6	Brown sand, some silt organics			
	6-10	Brown/grey silt, sand, clay			

SCALE 1" = 5 FT.
DEPTH (FT.) 10

NOTES: _____
_____ Metal fence post removed _____

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

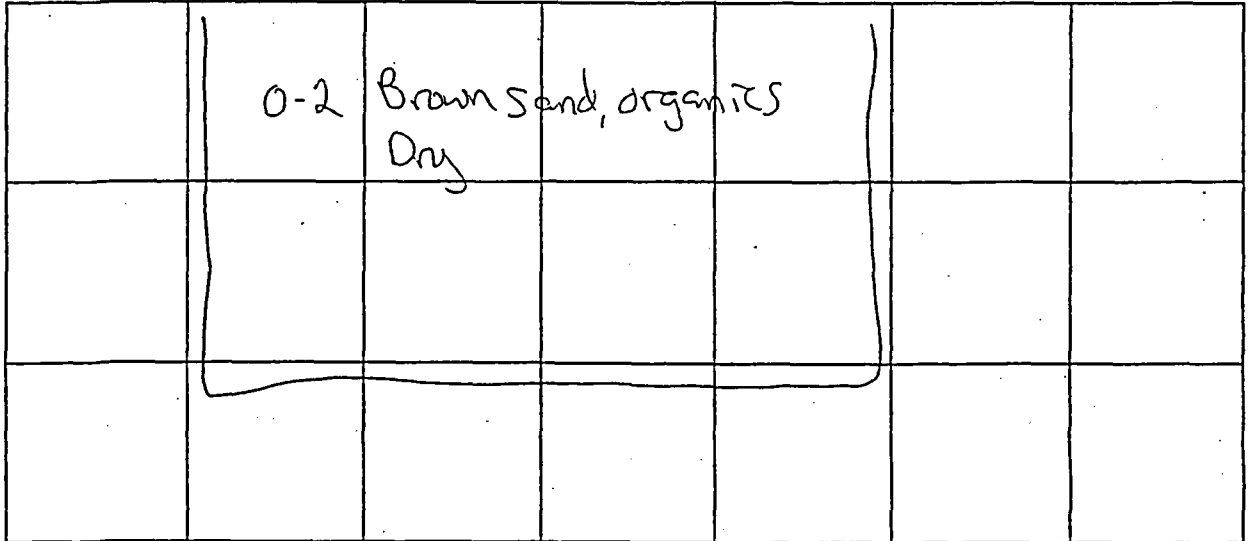
REFERENCE: FIELD BOOK, Pg. _____

ATTACHMENTS _____
SIGNATURE: [Signature]

TEST PIT RECORD

Profile Along Test Pit: TP 1336
Site: AOC 13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 1 FT.
DEPTH (FT) 2

NOTES: _____

metal conduit piping removed

No.:	Int. Ser. No.:	Depth (Fl):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. _____

ATTACHMENTS _____
 SIGNATURE: [Signature]

TEST PIT RECORD

Profile Along Test Pit: TP 1337

Site: AOC 13

SKETCH MAP OF TEST PIT PROFILE

	0-4	Brown sand, some organics Dry		
	4-7	Brown/gray silty sand, organics, moist		
	7-10	Gray silt, some sand, organics wet		

SCALE 1" = 5 FT.
DEPTH (FT) 10

NOTES:

No metal found - location by
metal casing for Tw-4 - potentially
affected

No.:	Int. Ser. No.:	Depth (Ft):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. _____

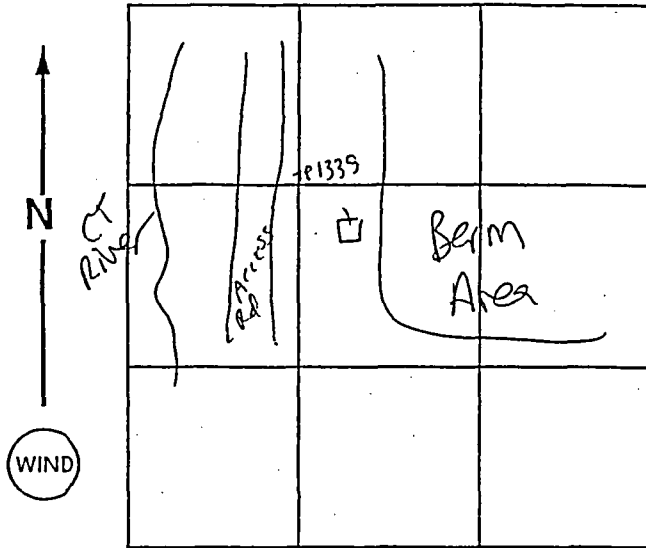
ATTACHMENTS _____

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPLO AOC 13 1 of 2
Well/Boring: TP 1339 Date: 3-29-06 Time: 1425 End: 1430
Coordinates: N: 235210 E: 671019 Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = UTS FT.

NOTES: _____

Crew Members:

1. Miles van Wardenon
2. Chris Snipes
3. Sal Malone
4. Joel Gorgan
5. Ed Henderson
6. _____

Monitor Equipment:

PI Meter N
Explosive Gas Y N
Avail. Oxygen Y N
OVA Y N
Other: FID N

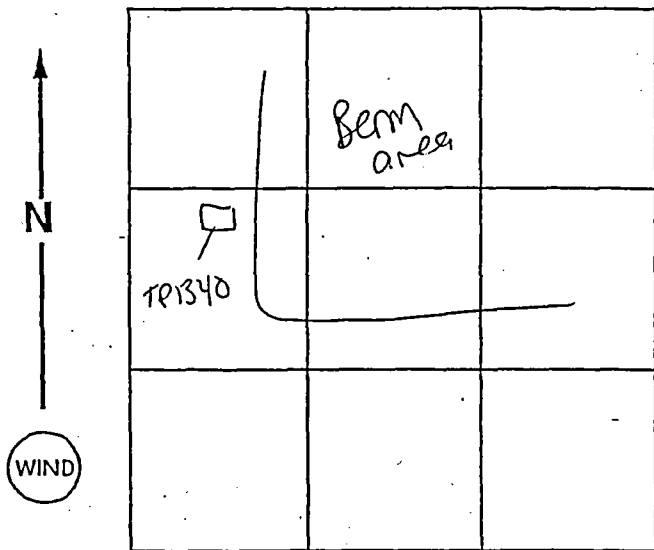
Photographs, Roll: Maqtec
drive

Exposure: _____

TEST PIT RECORD

Site: CYAPLO AOC B
Well/Boring: TP 1340 Date: 3-29-86 Time: 1430 End: 1445
Coordinates: N: 235235 E: 178945 Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____

Crew Members:

- Miles van Noordenen
- Chris Snipes
- Sal Malone
- Joel Goergan
- Eel Henderson
- _____

Monitor Equipment:

PI Meter Y N
Explosive Gas Y N
Avail. Oxygen Y N
OVA Y N
Other: FID

Photographs, Roll: made c
drive

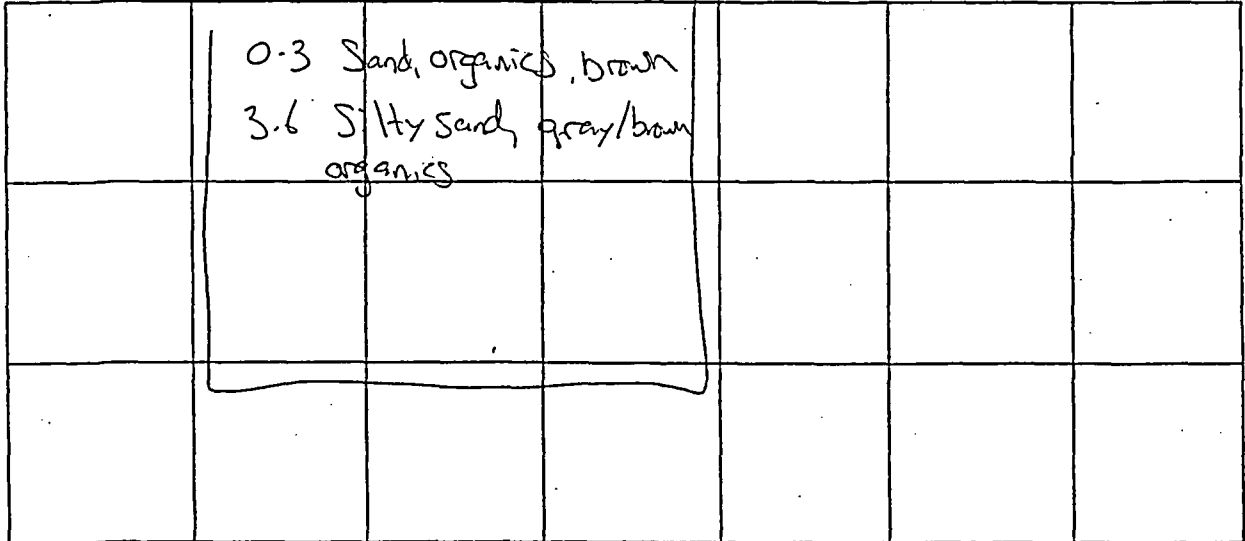
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP1340

Site: APC 13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 3 FT.
 DEPTH (FT.) 6

NOTES:

Removed weathered drum filled with rags. Rags were sampled with no results above detectable limit. Soil sample was collected 4-20-06 OJG

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1	TP134006	6-7	—
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. _____

ATTACHMENTS _____

SIGNATURE: [Signature]

TEST PIT RECORD

1 of 2

Site: CYAPCO AOC 13

Well/Boring: TP 1341

Date: 4-17-06

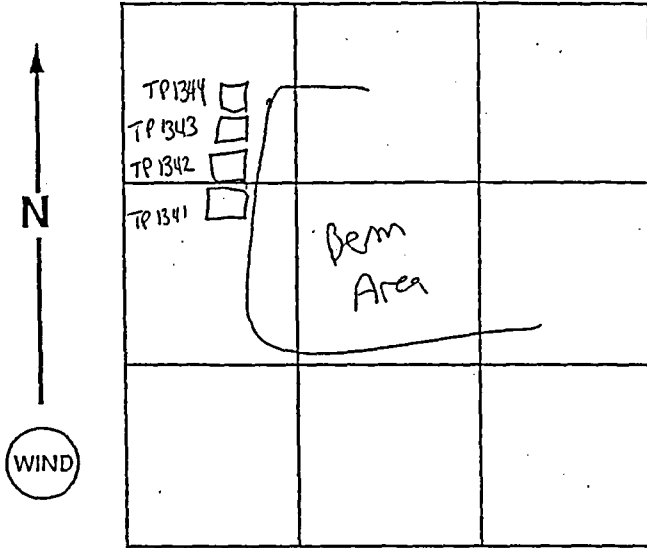
Time: 0930

End: 1335

Coordinates: N: 235251 E: 670898

Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____

Crew Members:

1. Miles van Noorden
2. Chris Snipes
3. Bob Wildermuth
4. John Degostin
5. Dan Johnson
6. Bob - Lorraine

Monitor Equipment:

PI Meter N
Explosive Gas N
Avail. Oxygen N
OVA N
Other: FID Y N

Photographs, Roll: Mactec
drive

Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP1341

Site: AOCB

SKETCH MAP OF TEST PIT PROFILE

	0-5	Brown sand, organics, slight organic odor, dry			
	4-5	Also gray silty sand			

SCALE 1" = 2.5 FT.
DEPTH (FT) 5

NOTES:

Removed 7 55-gallon weathered drums -
no signs of any release but sample
collected because one drum marked
"antifreeze" Also removed 6
5-gallon containers - no signs of
release

No.:	Int. Ser. No.:	Depth (Ft):	HD. SP. VOA PPM:
S-1	TP134105	S-6	—
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. _____

ATTACHMENTS _____

SIGNATURE: _____



TEST PIT RECORD

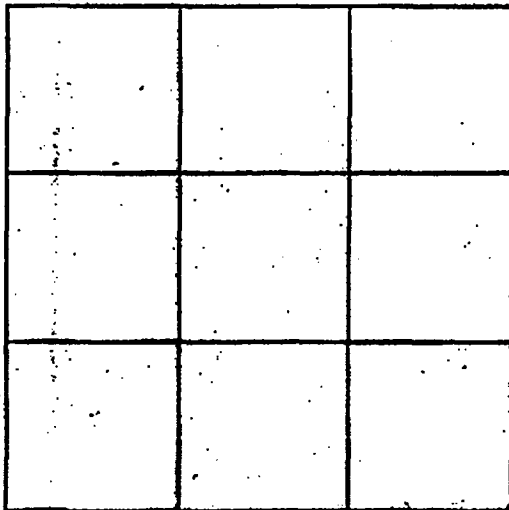
Site: CYAPCO AOC 13

1 of 2

Well/Boring: TP 1342 Date: 4-17-06 Time: _____ End: _____

Coordinates: N: 235264.356 E: 670876.833 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: ACM encountered in test
pit not completed due to pending
ACM removal

Crew Members:

1. Miles van Noorden
2. Chris Sipes
3. Bob Wilkmark
4. John DeGusta
5. Don Phisom
6. Bru-Lorraine

Monitor Equipment:

PI Meter N
 Explosive Gas N
 Avail. Oxygen N
 OVA N
 Other: FD

Photographs, Roll: made

Exposure: _____

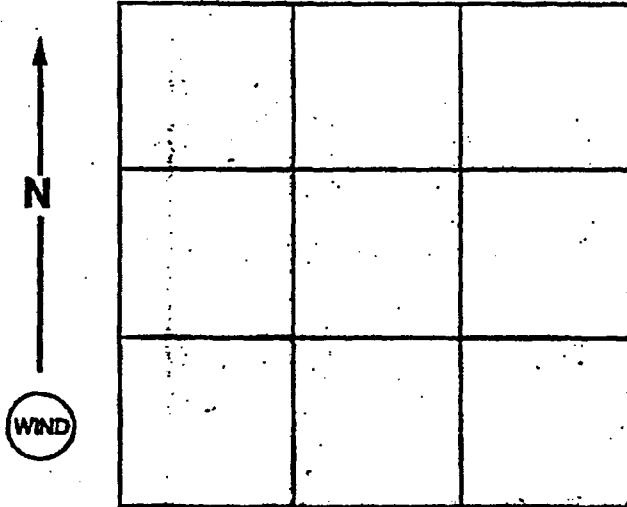
FIGURE 9-1
 TEST PIT RECORD
 QUALITY ASSURANCE PROJECT PLAN
 CYAPCO HADDAM NECK PLANT
 HADDAM, CONNECTICUT

MACTEC, Inc.

TEST PIT RECORD

Site: CYAPCO AOC 13 1 of 2
Well/Boring: TP 1343 Date: 4/17/06 Time: _____ End: _____
Coordinates: N 235281.374 E: 670846.547 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



NOTES: _____
ACM encountered. test
pit not completed due to pending
ACM removal

- Crew Members:
- Miles vanNoorden
 - Chris Sipes
 - Bob Wilczek
 - John DeGusta
 - Don Johnson
 - Bru Lorraine

Monitor Equipment:

PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	<input checked="" type="checkbox"/>	N
Avail. Oxygen	<input checked="" type="checkbox"/>	N
OVA	<input checked="" type="checkbox"/>	N
Other: <u>FID</u>	<input checked="" type="checkbox"/>	N

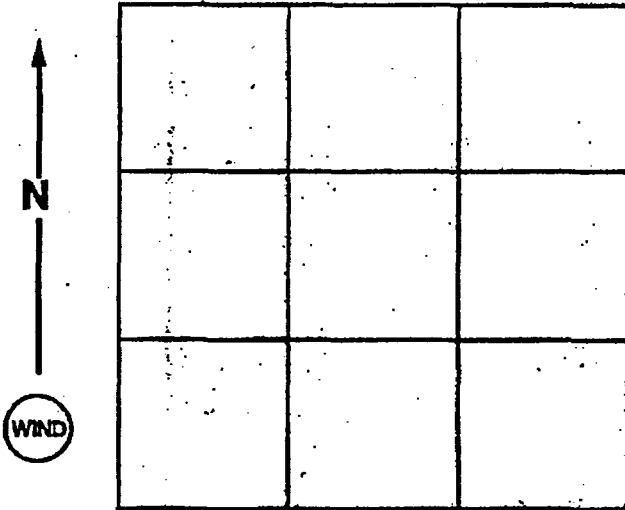
Photographs, Roll: MACTEC
DEW
Exposure: _____

FIGURE 9-1
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

TEST PIT RECORD

Site: CYAPCO AOC 13 1 of 2
Well/Boring: TP-1344 Date: 4.17.06 Time: _____ End: _____
Coordinates: N 235319.834 E: 676804.371 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: _____
ACM encountered in test
pit not completed due to pending
ACM removal

Crew Members:

1. Miles vanNoorden
2. Chris Sipes
3. Bob Willetts
4. John DeGusta
5. Don Johnson
6. Bur-Lorraine

Monitor Equipment:

PI Meter N
Explosive Gas N
Avail. Oxygen N
OVA N
Other: FID

Photographs, Roll: maxce
pluv
Exposure: _____

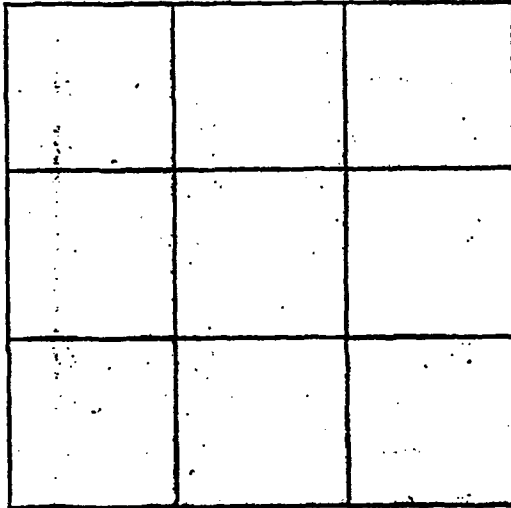
FIGURE 9-1
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

MACTEC, Inc.

TEST PIT RECORD

Site: CYAPCO AOC 13
Well/Boring: TP-1345 Date: 4.17.06 Time: _____ End: _____
Coordinates: N 235328.581 E: 690789.627 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: ACM encountered test
pit not completed due to pending
ACM removal

Crew Members:

1. Miles vanNorden
2. Chris Sipes
3. Bob Wilczewski
4. John DeGusta
5. Don Johnson
6. Bruce Lorraine

Monitor Equipment:

PI Meter N
Explosive Gas N
Avail. Oxygen N
OVA N
Other: FID

Photographs, Roll: MACTEC
prime
Exposure: _____

FIGURE 9-1
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

MACTEC, Inc.

TEST PIT RECORD

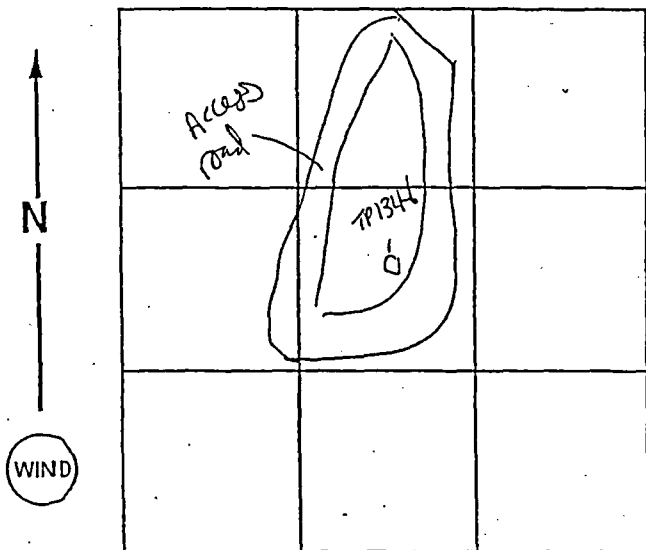
1 of 2

Site: CYAPCO AOC 13

Well/Boring: TP 1346 Date: 4-17-06 Time: 1525 End: 1535

Coordinates: N: 235404 E: 670767 Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____

Crew Members:

1. Miles van Noordenham
2. Chris Snipes
3. Bob Wildermuth
4. John DeGostin
5. Don Johnson
6. Bas - Corraire

Monitor Equipment:

PI Meter N
Explosive Gas N
Avail. Oxygen N
OVA Y N
Other: FID

Photographs, Roll: Mactec
drive
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 1346

Site: APC D

SKETCH MAP OF TEST PIT PROFILE

	0-4	Brown Sand, organics, dry, no odor				
	4-7	Dark brown / gray Silty Sand, organics damp, no odor				

SCALE 1" = 3 FT.
DEPTH (FT.) 7

NOTES: _____

Removed piece of metal siding
Found at surface

No.:	Int. Ser. No.:	Depth (Ft):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. _____

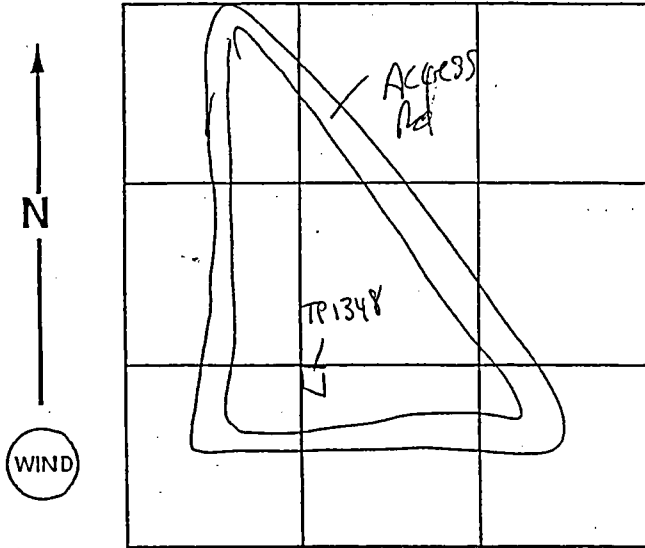
ATTACHMENTS _____
 SIGNATURE: [Signature]

TEST PIT RECORD

1 of 2

Site: CYAPCO AOC 13
Well/Boring: TP 1348 Date: 4-18-06 Time: 0940 End: 1000
Coordinates: N 235331 E: 670706 Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____

Crew Members:

1. Miles van Noordeman
2. Chris Snipes
3. Bob Wildermuth
4. John Degostin
5. Don Johnson
6. Bos - Corraire

Monitor Equipment:

PI Meter N
Explosive Gas N
Avail. Oxygen N
OVA Y N
Other: FID Y N

Photographs, Roll: Mactec
drive

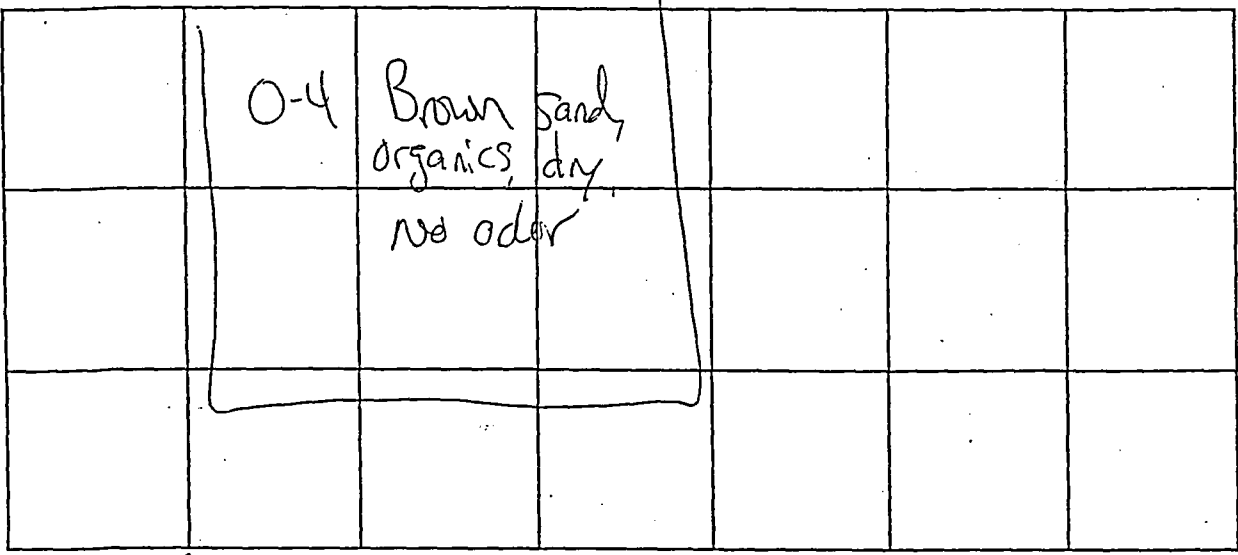
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 1348

Site: AOC 13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 2 FT.
 DEPTH (FT) 4

NOTES: _____

 Removed rebar, metal grating,
 small I-beam

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. _____

ATTACHMENTS _____

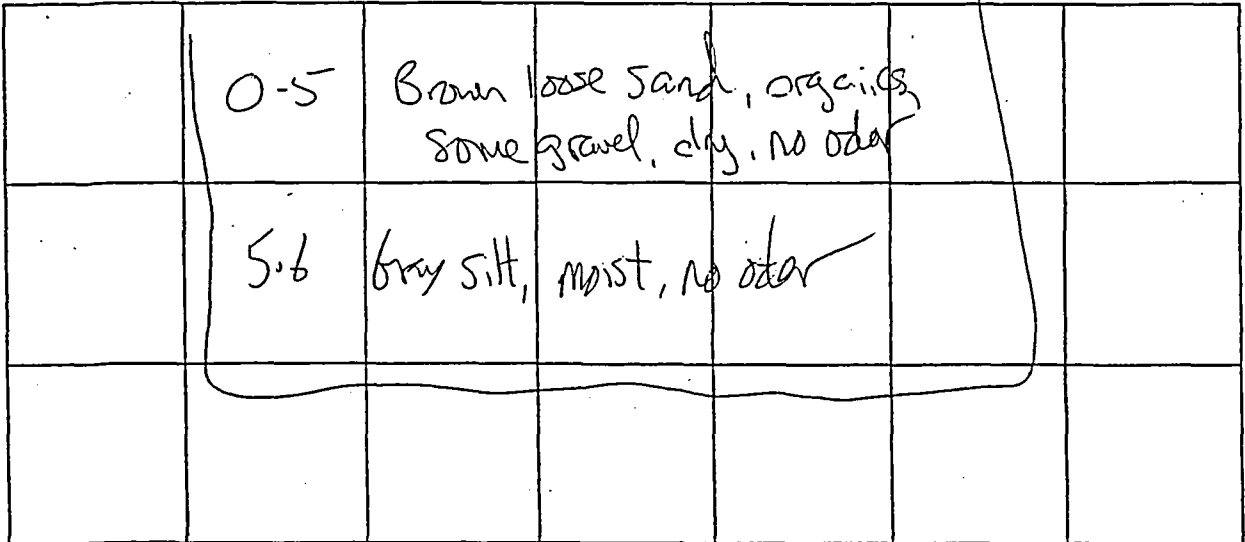
SIGNATURE: [Signature]

TEST PIT RECORD

Profile Along Test Pit: TP1349

Site: ASC B

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 3 FT.
DEPTH (FT) 6

NOTES:

Piece of piping at surface,
removed

No.:	Int. Ser. No.:	Depth (FT):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. _____

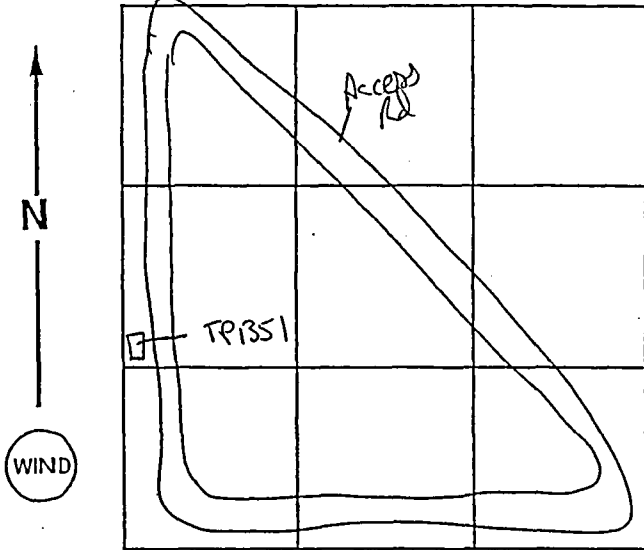
ATTACHMENTS _____

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO AOC 13
Well/Boring: TP1351 Date: 4-18-06 Time: 1115 End: 1138
Coordinates: N: 235379 E: 670508 Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____

Crew Members:

- 1. Miles van Noordeman
- 2. Chris Snipes
- 3. Bob Wildermuth
- 4. John Degostin
- 5. Dan Johnson
- 6. Bob - Corraire

Monitor Equipment:

PI Meter _____
Explosive Gas N
Avail. Oxygen N
OVA N
Other: FID Y N

Photographs, Roll: Mactec
drive

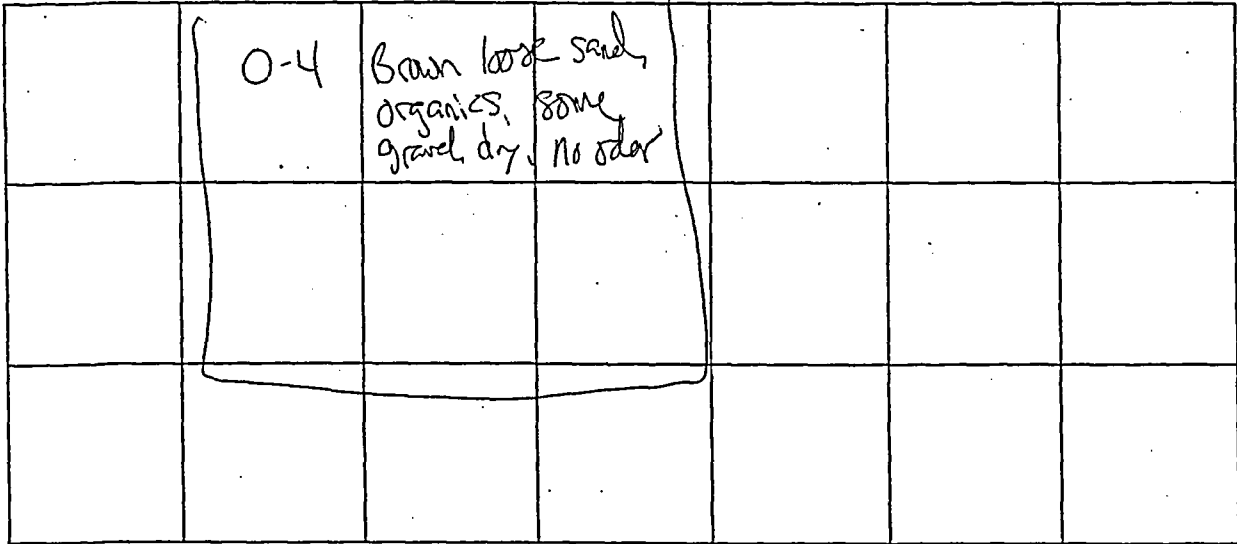
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP1351

Site: ADC 13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 2 FT.
DEPTH (FT) 4

NOTES:

Removed 3'x3' metal duct work
and associated framing.

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. _____

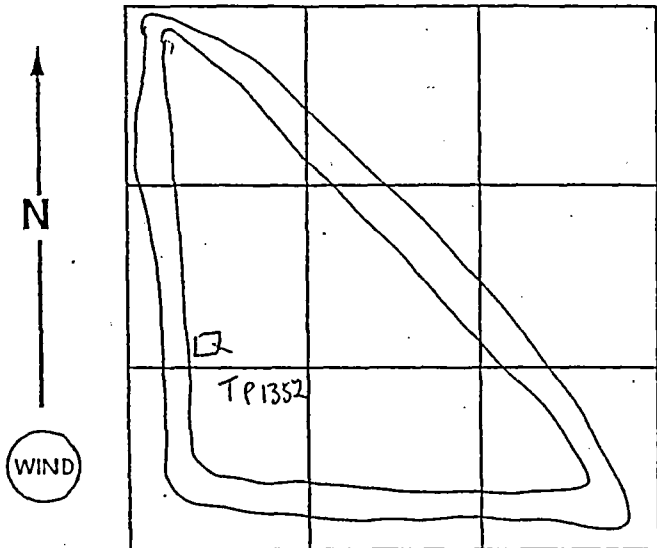
ATTACHMENTS _____

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO AOC 13 1 of 2
Well/Boring: TP1352 Date: 4-18-08 Time: 1250 End: 1310
Coordinates: N: 235413 E: 670525 Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____

- Crew Members:
1. Miles van Noorden
 2. Chris Snipes
 3. Bob Wildermuth
 4. John Degostin
 5. Don Johnson
 6. Boo - Corraire

Monitor Equipment:

PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	<input checked="" type="checkbox"/>	N
Avail. Oxygen	<input checked="" type="checkbox"/>	N
OVA	<input checked="" type="checkbox"/>	N
Other: <u>FID</u>	<input checked="" type="checkbox"/>	Y N

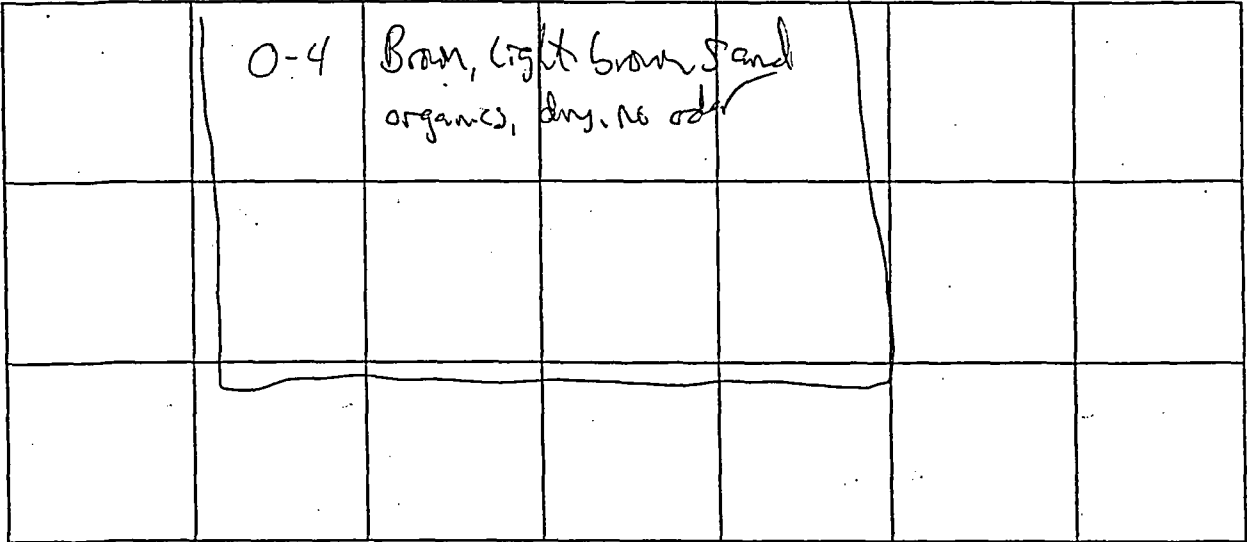
Photographs, Roll: Mactec
drive
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 1352

Site: Acc B

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 2 FT.
DEPTH (FT) 4

NOTES:

Removed metal beam 3.8 ft long

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. _____

ATTACHMENTS _____
SIGNATURE: [Signature]

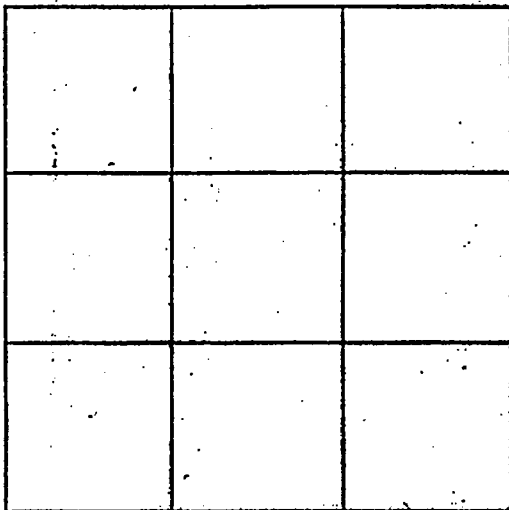
TEST PIT RECORD

Site: CYAPCO AOC 13

Well/Boring: TP 1353 Date: 4-18-06 Time: _____ End: _____

Coordinates: N: 275344.055 E: 670465.006 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES:

ACM encountered. test
pit not completed due to pending
ACM removal.

Crew Members:

1. Miles van Noordenen
2. Chris Sipes
3. Bob Wildermik
4. John De guta
5. Don Johnson
6. Bob Lorraine

Monitor Equipment:

PI Meter N
 Explosive Gas N
 Avail. Oxygen N
 OVA N
 Other: FD

Photographs, Roll: made

Exposure: _____

**FIGURE 9-1
 TEST PIT RECORD
 QUALITY ASSURANCE PROJECT PLAN
 CYAPCO HADDAM NECK PLANT
 HADDAM, CONNECTICUT**

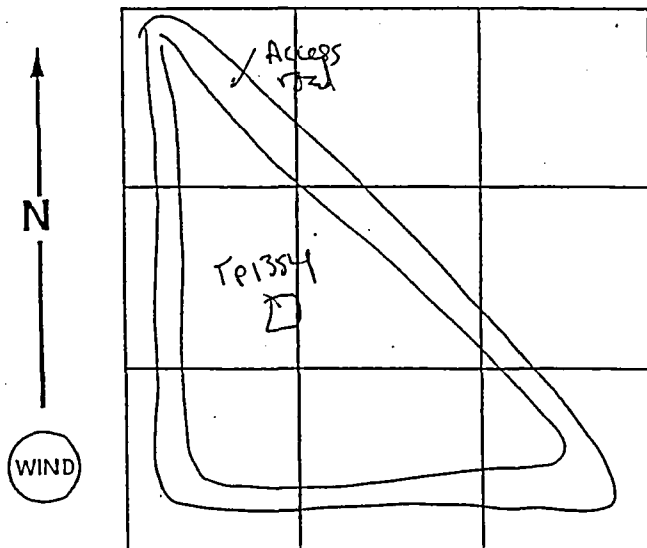
TEST PIT RECORD

Site: CYAPCO AOC 13

Well/Boring: TP1354 Date: 4-18-06 Time: 1515 End: 1540

Coordinates: N: 235455 E: 670534 Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____

Crew Members:

1. Miles van Noorden
2. Chris Snipes
3. Bob Wildermuth
4. John Degostin
5. Don Johnson
6. Bos - Corraine

Monitor Equipment:

PI Meter N

Explosive Gas N

Avail. Oxygen N

OVA Y N

Other: FID Y N

Photographs, Roll: MACTEC

drive

Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 1354
 Site: AOC 13

SKETCH MAP OF TEST PIT PROFILE

	0-3	Brown loose sand, organics, dry, no odor			
	3-6	Dk brown, gray silty sand, organics, dry no odor			

SCALE 1" = 3 FT.
 DEPTH (FT) 6

NOTES: _____

Removed metal piping, stake

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

NA

REFERENCE: FIELD BOOK, Pg. _____

ATTACHMENTS _____
 SIGNATURE: *[Signature]*

TEST PIT RECORD

Site: CYAPCO AOC 13

Well/Boring: TP 1355

Date: 4-19-86

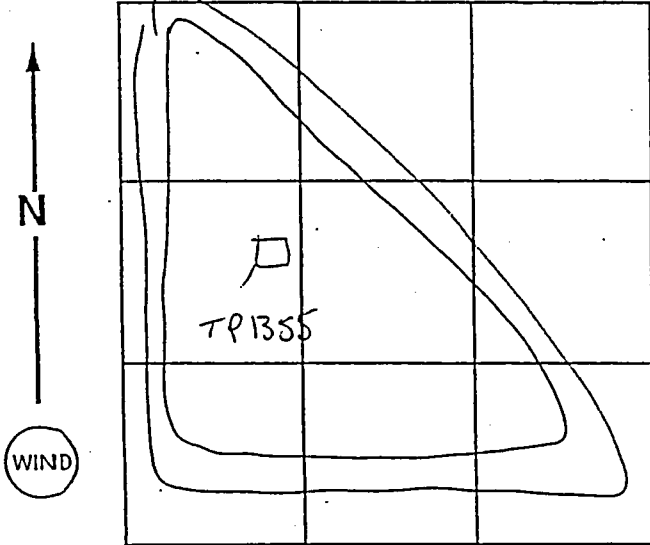
Time: 0800

End: 0810

Coordinates: N: 235471 E: 670506

Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____

Crew Members:

1. Miles van Noordem
2. Chris Snipes
3. Bob Wildermuth
4. John Degostin
5. Don Johnson
6. Bob - Corraire

Monitor Equipment:

PI Meter N
Explosive Gas N
Avail. Oxygen N
OVA N
Other: FID Y N

Photographs, Roll: Mactec
drive
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 1355
Site: AUC B

SKETCH MAP OF TEST PIT PROFILE

	0-4	Brown sand, organics dry, no odor				
	4.5	Brown silty sand, dry, no odor				

SCALE 1" = 2 FT.
DEPTH (FT.) 5

NOTES: _____

Removed small pieces of scrap
metal.

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. _____

ATTACHMENTS _____
SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO AOC 13

Well/Boring: TP 1356

Date: 4-19-06

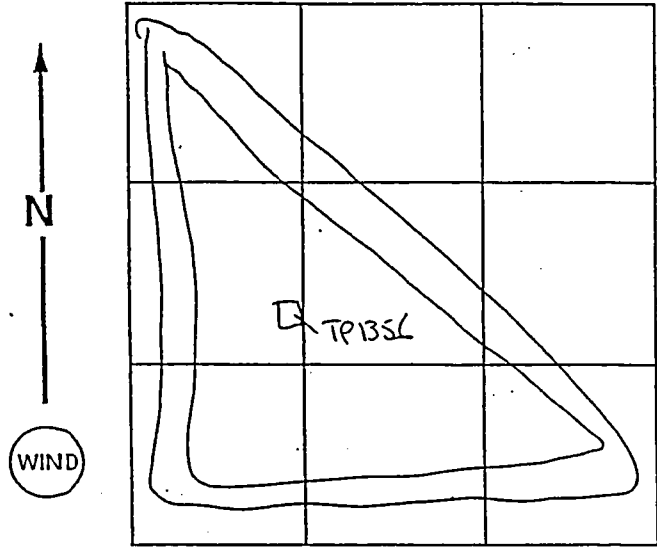
Time: 0820

End: 0840

Coordinates: N: 235461 E: 670508

Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____

- Crew Members:
1. Miles van Noordennen
 2. Chris Snipes
 3. Bob Wildermuth
 4. John Degostin
 5. Don Johnson
 6. Bas - Corraire

Monitor Equipment:

PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	<input checked="" type="checkbox"/>	N
Avail. Oxygen	<input checked="" type="checkbox"/>	N
OVA	<input checked="" type="checkbox"/>	N
Other: <u>FID</u>	<input checked="" type="checkbox"/>	Y

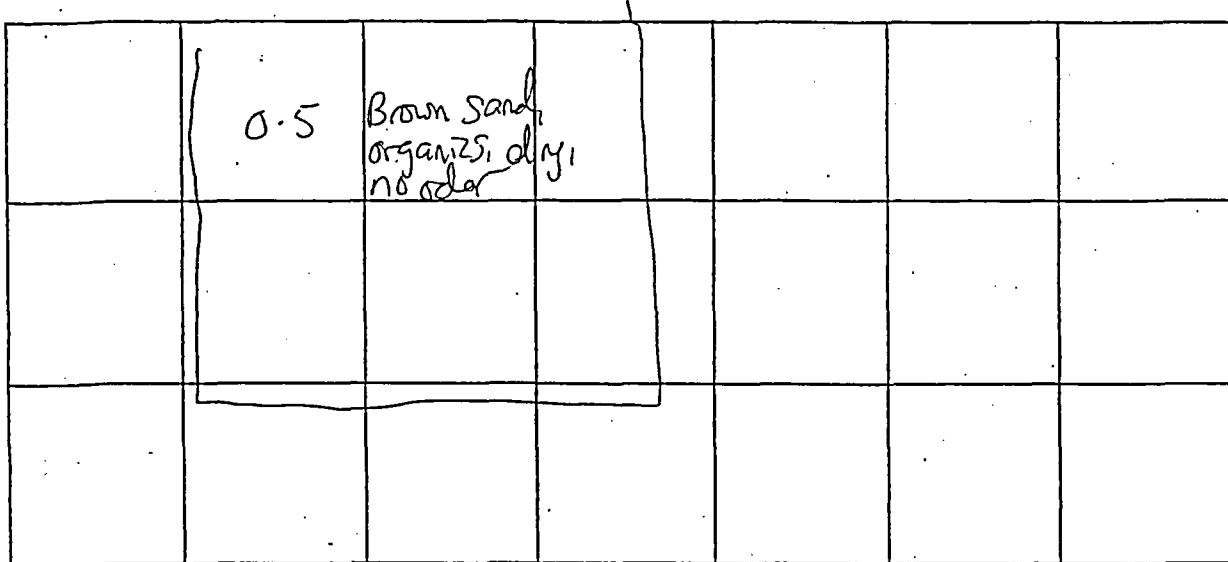
Photographs, Roll: Mactec
drive
 Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP1356

Site: AOL 13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 2.5 FT.
 DEPTH (FT) 5'

NOTES:

Removed lots of scrap metal pieces

No.:	Int. Ser. No.:	Depth (Ft):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

NA

REFERENCE: FIELD BOOK, Pg. _____

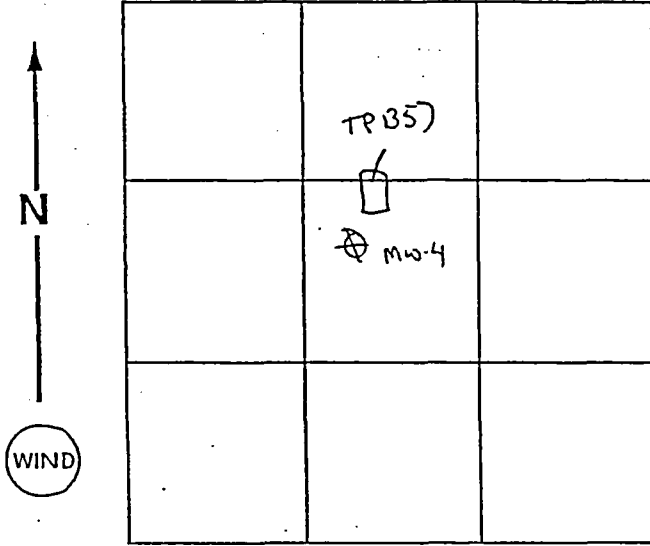
ATTACHMENTS _____

SIGNATURE: *[Handwritten Signature]*

TEST PIT RECORD

Site: CYAPCO AOC 13
Well/Boring: TP 1357 Date: 4.19.06 Time: 1020 End: 1040
Coordinates: N: 235679 E: 670531 Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____

Crew Members:

1. Miles van Noordennen
2. Chris Snipes
3. Bob Wildermuth
4. John Degostin
5. Don Johnson
6. Bas - Corraire

Monitor Equipment:

PI Meter N
Explosive Gas N
Avail. Oxygen N
OVA N
Other: FID Y N

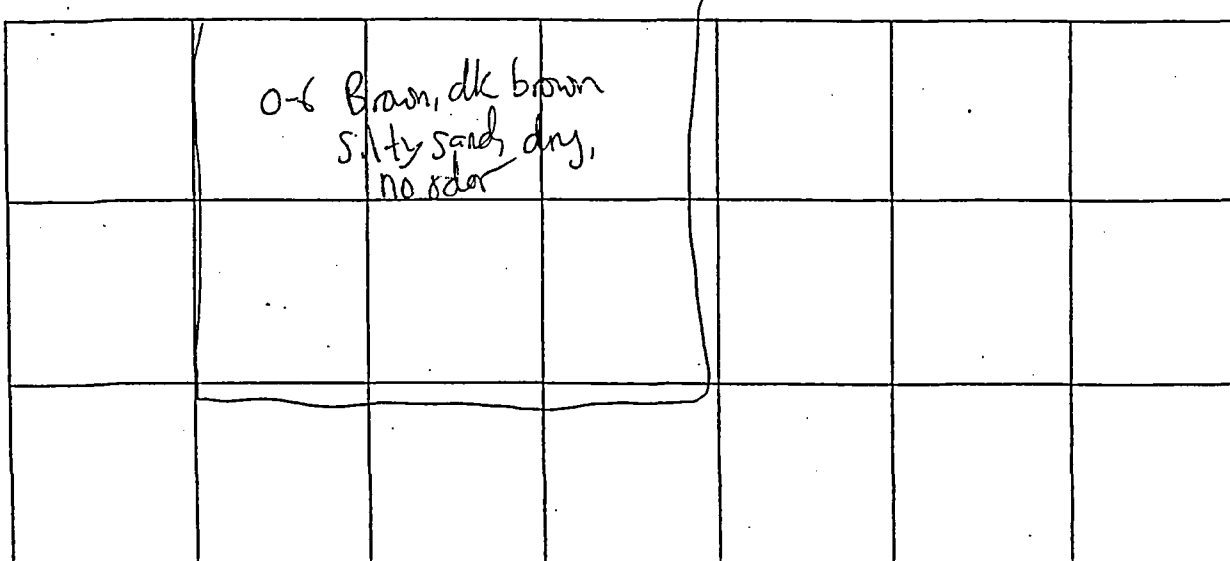
Photographs, Roll: Mactec
drive

Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP1357
 Site: ACL 13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 3 FT.
 DEPTH (FT) 6

NOTES: _____

 Nothing discovered. Metal casing
 of MW-4 may have been only
 metal.

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

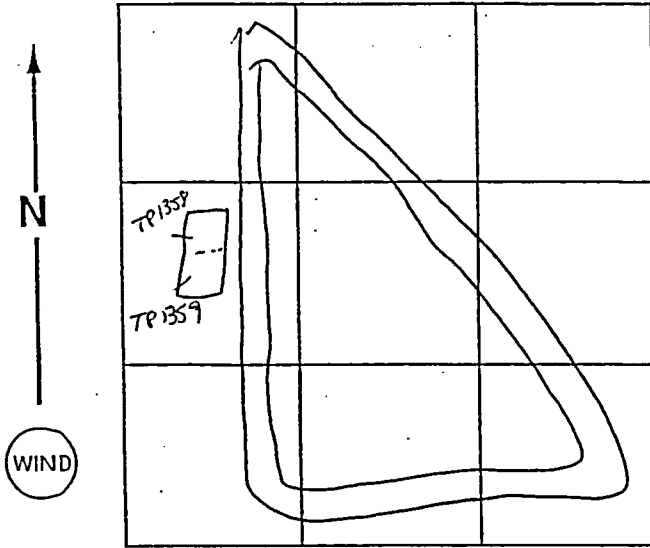
REFERENCE: FIELD BOOK, Pg. _____

ATTACHMENTS _____
 SIGNATURE: *[Signature]*

TEST PIT RECORD

Site: CYAPCO AOC 13
Well/Boring: TP 1358 + TP 1359 Date: 4-18-06 Time: 1105 End: 1125
Coordinates: N: 235478 - 235472 E: 670337 - 335 Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____

Crew Members:

1. Miles van Noordenn
2. Chris Snipes
3. Bob Wildermuth
4. John Degostin
5. Don Johnson
6. Bas - Corraire

Monitor Equipment:

PI Meter Y N
Explosive Gas Y N N
Avail. Oxygen Y N N
OVA Y N
Other: FID Y N

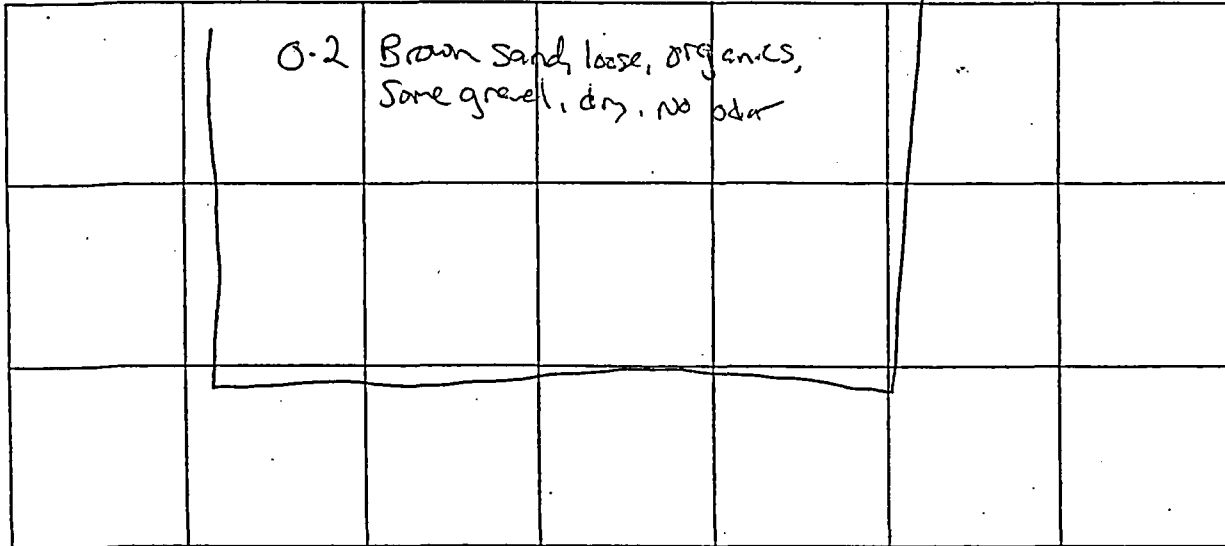
Photographs, Roll: Mactec
drive
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP1358 + TP1359

Site: Aoc 13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 1 FT.
 DEPTH (FT) 2

NOTES: _____

Removed 2' x 2' metal grating and
3 20' ft long metal ties

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. _____

ATTACHMENTS _____
 SIGNATURE: [Signature]

TEST PIT RECORD

1 of 2

Site: CYAPCO AOC 13

Well/Boring: TP 1360

Date: 4.20.06

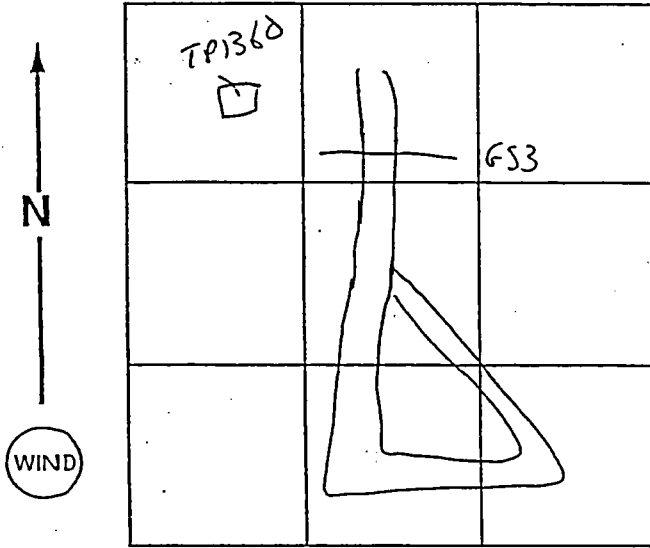
Time: 0945

End: 0950

Coordinates: N: 835535 E: 67005

Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = N.T.S. FT.

NOTES: _____

Crew Members:

1. Miles van Noorden
2. Chris Snipes
3. Bob Wildermuth
4. John Degostin
5. Don Johnson
6. Boo - Corraire

Monitor Equipment:

PI Meter N
Explosive Gas N
Avail. Oxygen N
OVA N
Other: FID Y

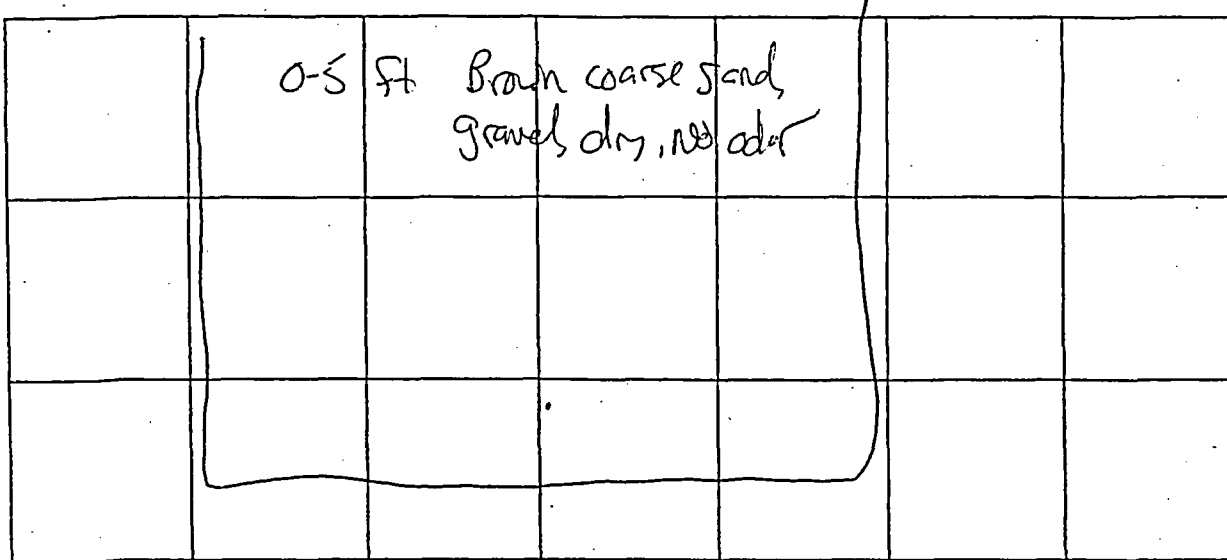
Photographs, Roll: Mactec
drive

Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP1360
Site: AOC13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 2 FT.
DEPTH (FT) 5

NOTES: Removed metal grating.

No.	Int. Ser. No.	Depth (Ft):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. _____

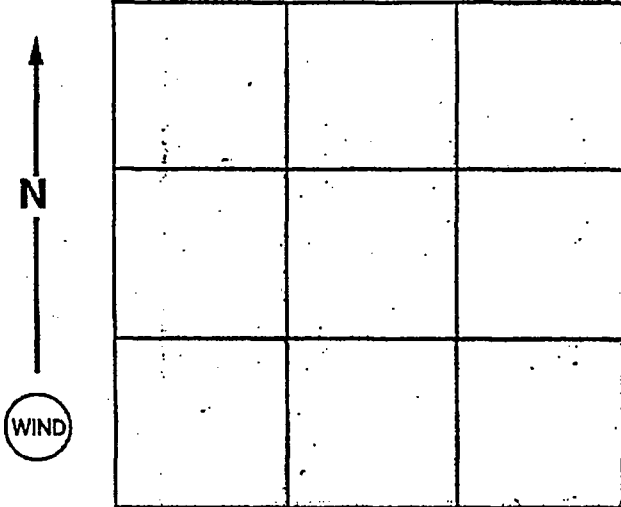
ATTACHMENTS _____

SIGNATURE: 

TEST PIT RECORD

Site: CYAPCO AOC 13 1 of 2
Well/Boring: TP-1342 Date: 4-28-06 Time: _____ End: _____
Coordinates: N 235406.550 E 670446.763 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: ACM encountered. test
pit not completed due to pending
ACM removal

Crew Members:

1. Miles van Noordenen
2. Chris Simps
3. Bob W. Keefmuk
4. John De gusta
5. Don Johnson
6. Bru-Lorraine

Monitor Equipment:

PI Meter N
Explosive Gas N N
Avail. Oxygen N N
OVA N
Other: FID

Photographs, Roll: maxce
plive
Exposure: _____

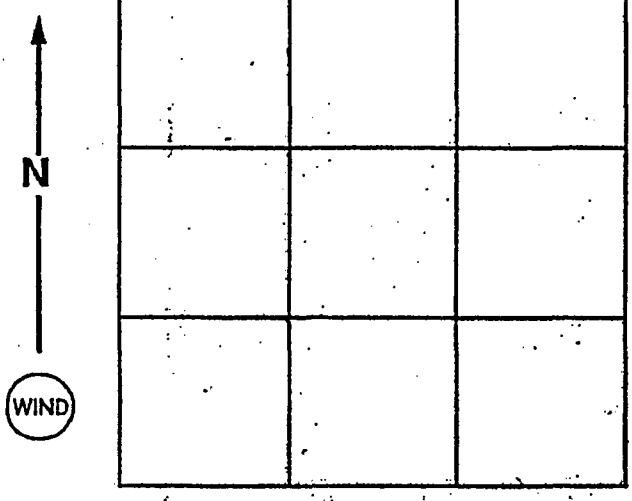
FIGURE 9-1
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

MACTEC, Inc.

TEST PIT RECORD

Site: CYAPCO AOC 13 1 of 2
Well/Boring: TP 1363 Date: 4.20.06 Time: _____ End: _____
Coordinates: N: 235407.799 E: 670433.265 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



Crew Members:

1. Miles vanNorden
2. Chris Sipes
3. Bob Wildefork
4. John De gata
5. Don Johnson
6. Bru-Lorraine

Monitor Equipment:

- PI Meter N
- Explosive Gas N
- Avail. Oxygen N
- OVA N
- Other: FD N

NOTES: ACM encountered in test
pit not completed due to pending
ACM removal

Photographs, Roll: made
none
Exposure: _____

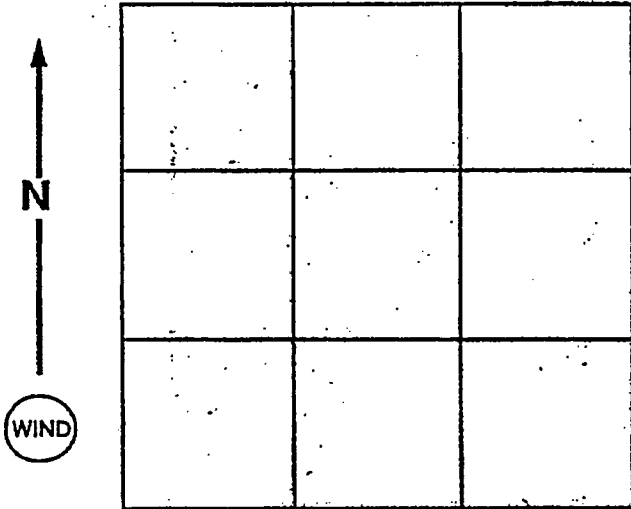
FIGURE 9-1
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

MACTEC, Inc.

TEST PIT RECORD

Site: CYAPCO AOC 13
Well/Boring: TP-764 Date: 4.20.06 Time: _____ End: _____
Coordinates: N: 235417.795 E: 670443.514 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: _____
_____ ACM encountered. test
_____ pit not completed due to pending
_____ ACM removal

Crew Members:

1. Miles van Noordenen
2. Chris Sipe's
3. Bob Willetmilk
4. John De gusta
5. Don Johnson
6. Bob Lorraine

Monitor Equipment:

PI Meter N
Explosive Gas N
Avail. Oxygen N
OVA N
Other: FID

Photographs, Roll: MACTEC
DEW
Exposure: _____

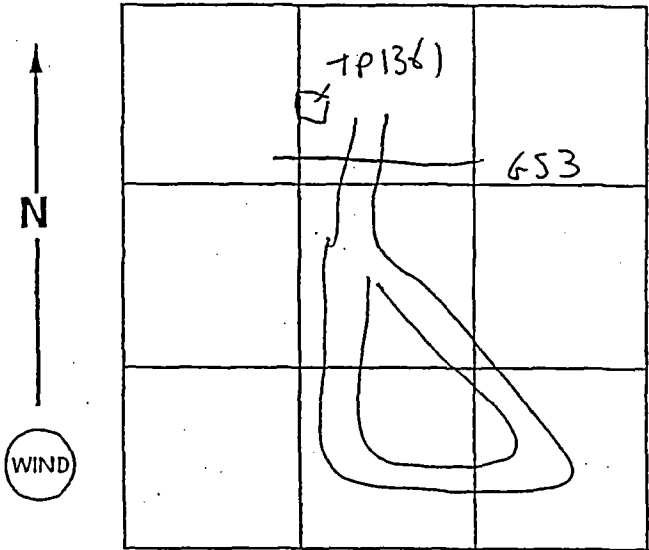
FIGURE 9-1
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

MACTEC, Inc.

TEST PIT RECORD

Site: CYAPCO AOC 13 1 of 2
Well/Boring: TP 1361 Date: 4.20-08 Time: 1000 End: 1010
Coordinates: N 235541 E 670074 Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: _____

Crew Members:

1. Miles van Noordennen
2. Chris Snipes
3. Bob Wildermuth
4. John Degostin
5. Dan Johnson
6. Bos - Lorraine

Monitor Equipment:

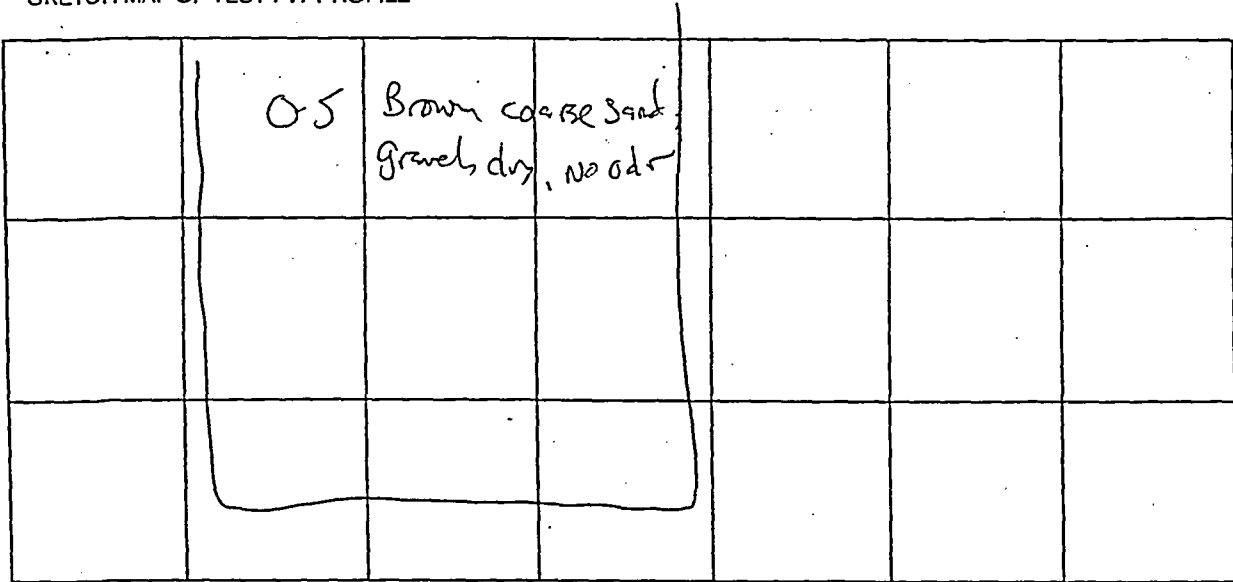
PI Meter N
Explosive Gas N
Avail. Oxygen N
OVA Y N
Other: FID Y N

Photographs, Roll: Mactec
drive
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP1361
 Site: AOC 13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 2 FT.
 DEPTH (FT) 5

NOTES: _____

 _____ *Removed small pieces of metal piping, rebar* _____

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. _____

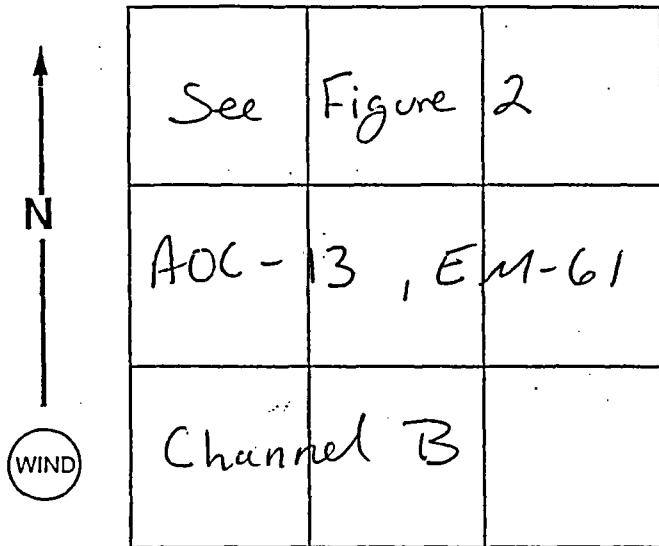
ATTACHMENTS _____

SIGNATURE: *[Signature]*

TEST PIT RECORD

Site: CYAPCO
Well/Boring: TP1365 (LL) Date: 5/2/06 Time: 1100 End: 1117
Coordinates: X: 670770 ; Y: 235133 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: _____

Crew Members:

- 1. WOLF CALICCHIO
- 2. LORRAINE WROBEL
- 3. JOHN DEBUSTIN
- 4. CHRIS SNIPES
- 5. SHAWN MENARD
- 6. BOB WILDERMUTH

Monitor Equipment:

PI Meter N
Explosive Gas N
Avail. Oxygen N
OVA N
Other: FID N

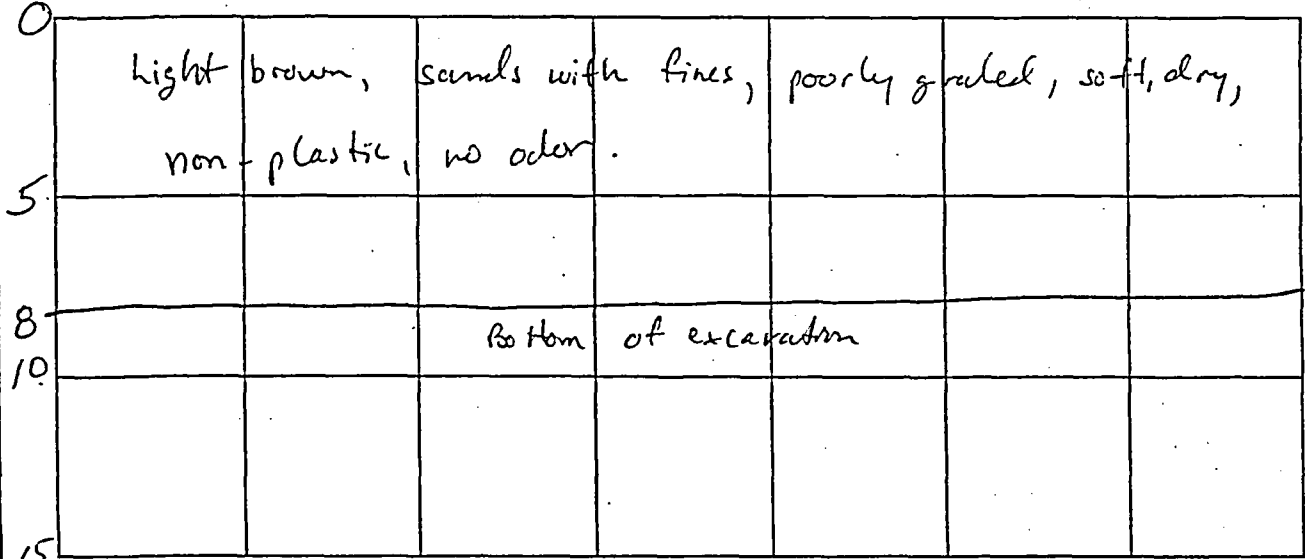
Photographs, Roll: Digital
downloaded to TP1365
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP1365

Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
DEPTH (FT) 8

NOTES:

No metals unearthed.

All PID/FID 21ppmv, Rad scans OK, no visible asbestos.

No RLLA samples.

OK to backfill.

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

(Handwritten circled '27' and '5/2/06' are present in the S-7 and S-8 rows.)

REFERENCE: FIELD BOOK, Pg. 27, 65

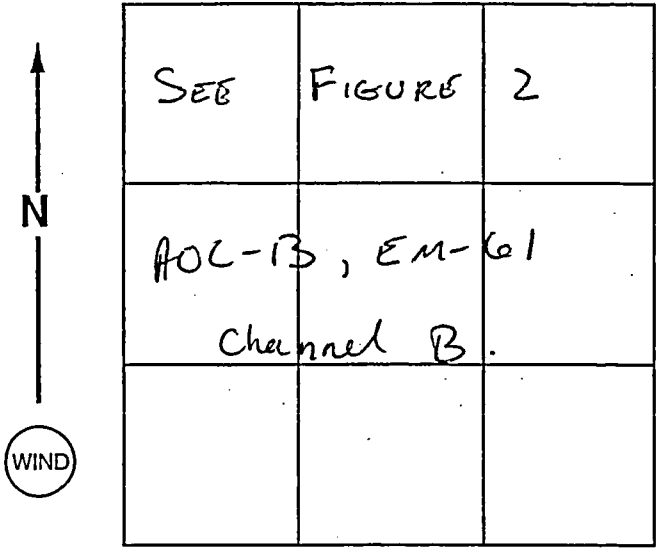
ATTACHMENTS NA

SIGNATURE: [Handwritten Signature]

TEST PIT RECORD

Site: CYAPCO
 Well/Boring: TP1366 (MM) Date: 5/2/06 Time: 1125 End: 1140
 Coordinates: X: 670898 Y: 235158 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



- Crew Members:
1. WOLFGANG CALICCHIO
 2. LORRAINE WRABEL
 3. JOHN DEWULF
 4. CHRIS SMILES
 5. SHAWN MENARD
 6. BOB WILDERMUTH

- Monitor Equipment:
- PI Meter N
 - Explosive Gas N
 - Avail. Oxygen N
 - OVA N
 - Other: FID N

NOTES: _____

Photographs, Roll: Digital photos
down loaded to TP1366
 Exposure: _____

**FIGURE 9-1
 TEST PIT RECORD
 QUALITY ASSURANCE PROJECT PLAN
 CYAPCO HADDAM NECK PLANT
 HADDAM, CONNECTICUT**

TEST PIT RECORD

Profile Along Test Pit: TP 1366

Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE

0	Dark brown, soils, poorly graded, soft, damp, non-plastic, no odor.					
5	Bottom of excavation.					
10						
15						

SCALE 1" = 5 FT.
DEPTH (FT.) 5

NOTES:

5' length of angle iron discovered at 2' bgs.

All PID/FID < 1ppmv, RAD OK, no visible asbestos.

No RCHA samples collected.

Test pit backfilled.

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

(Handwritten: 5/2/06)

REFERENCE: FIELD BOOK, Pg. 27, 65

ATTACHMENTS NA

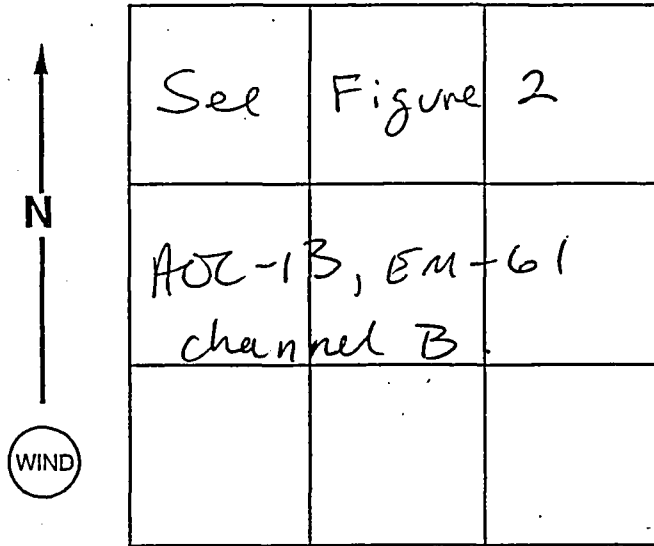
SIGNATURE: [Signature]

FIGURE 9-1(CONT.)
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

TEST PIT RECORD

Site: CYAPCO
Well/Boring: TP1367 (NN) Date: 5/2/06 Time: 1330 End: 1400
Coordinates: X: 670899 Y: 235147 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: _____

Crew Members:

1. WOLFGANG CAUCCENTIO
2. LORRAINE WROBEL
3. JOHN DEGUSTIN
4. CHRIS SAIPOS
5. SHAWN MENARD
6. BOB WILDORMUTH

Monitor Equipment:

PI Meter N
 Explosive Gas N
 Avail. Oxygen N
 OVA N
 Other: FID

Photographs, Roll: Digital photos downloaded to TP1367
Exposure: _____

FIGURE 9-1
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

MACTEC, Inc.

TEST PIT RECORD

Profile Along Test Pit: TP1367

Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE

0	Dark brown, soils, poorly graded, soft, damp,				
3	non-plastic, no odor.				
6					
7	Bottom of excavation				
9					

SCALE 1" = 3 FT.
DEPTH (FT.) 7

NOTES:

5' length of metal strapping discovered within 1' of ground surface.

All PID/FID < 1ppmv, RAD OK, no visible asbestos.

Test pit backfilled.

No samples collected.

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 65

ATTACHMENTS NA

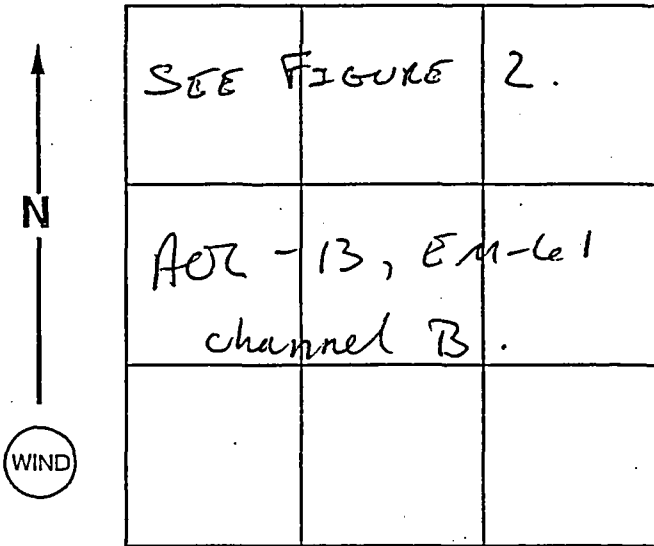
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FIGURE 9-1(CONT.)
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

TEST PIT RECORD

Site: CYAPCO
 Well/Boring: TP1368 (RR+QQ) Date: 5/2/06 Time: 1445 End: 1510
 Coordinates: RR X: 470910 Y: 235051, QQ X: 470900 Y: 235056 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: Combined locations RR and QQ into one test pit.

Crew Members:

1. WOLFRIC CALICCHIO
2. LORRAINE WROBEL
3. JOHN DEGOSTIN
4. CHRIS SNIPE
5. SHAWN MONARD
6. BOB WILDERMUTH

Monitor Equipment:

- PI Meter _____
- Explosive Gas N
- Avail. Oxygen N
- OVA N
- Other: FID

Photographs, Roll: Digital pictures downloaded to TP1368.

Exposure: _____

FIGURE 9-1
 TEST PIT RECORD
 QUALITY ASSURANCE PROJECT PLAN
 CYAPCO HADDAM NECK PLANT
 HADDAM, CONNECTICUT

TEST PIT RECORD

Profile Along Test Pit: TP1368

Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE

0	Dark brown, soils, poorly graded, soft, damp,					
3	non-plastic, no odor.					
6	Bottom of excavation.					
9						

SCALE 1" = 3 FT.
DEPTH (FT) 6

NOTES:

A piece of 2'x2' sheet steel discovered at surface of RR and a 2'x3' piece of heavy wire mesh discovered at surface of QQ.

All PID/FID < 1ppm, RAD OK, no visible asbestos.

Test pit back filled.

No samples collected.

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 66

ATTACHMENTS NA

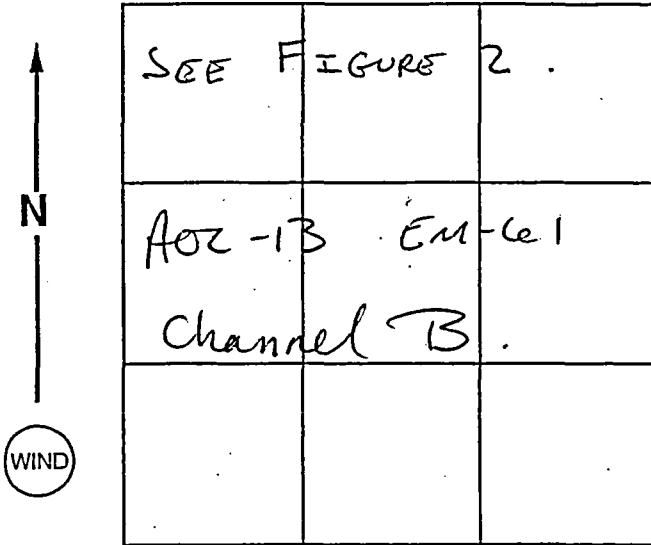
SIGNATURE: [Signature]

FIGURE 9-1(CONT.)
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

TEST PIT RECORD

Site: CYAPCO
 Well/Boring: TP 1369 (PP) Date: 5/2/06 Time: 1505 End: 1525
 Coordinates: X: 670912 Y: 235080 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



Crew Members:

1. WOLFGANG CALICCHIO
2. LORRAINE WROBEL
3. JOHN DEGOSTIN
4. CHRIS SNIPES
5. SHAWN DENARD
6. BOB WILDERMUTH

Monitor Equipment:

PI Meter N
 Explosive Gas N
 Avail. Oxygen N
 OVA N
 Other: FID

NOTES: _____

Photographs, Roll: Digitized pictures
down loaded to TP1369
 Exposure: _____

**FIGURE 9-1
 TEST PIT RECORD
 QUALITY ASSURANCE PROJECT PLAN
 CYAPCO HADDAM NECK PLANT
 HADDAM, CONNECTICUT**

TEST PIT RECORD

Profile Along Test Pit: TP-1369

Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE

0	Dark brown, soils, poorly graded, soft, damp, non-plastic, no odor.				
3					
6	Bottom of excavation.				
9					

SCALE 1" = 3 FT.
DEPTH (FT.) 6

NOTES:

A 2' x 8' piece of heavy wire mesh uncovered at surface of excavation.

All PID/FID < 1 ppm, RAO OK, no visible asbestos.

Test pit backfilled

No samples collected

No.:	Int. Ser. No.:	Depth (Ft.):	HD, SP, VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

MS
5/2/06

REFERENCE: FIELD BOOK, Pg. 27, 26

ATTACHMENTS NA

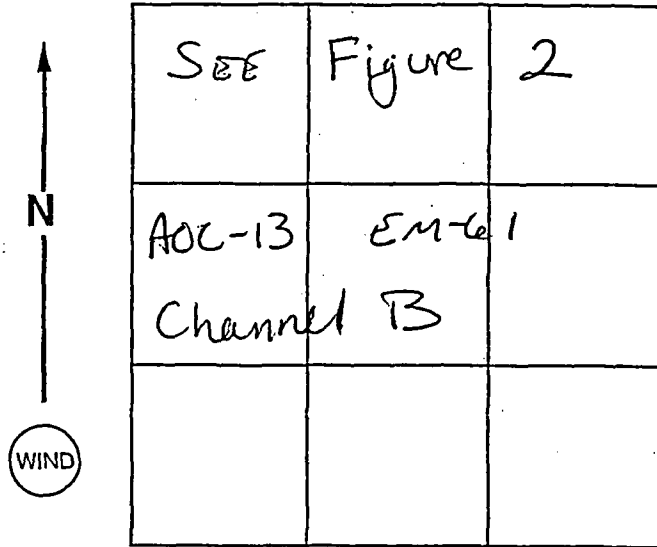
SIGNATURE: *[Signature]*

FIGURE 9-1 (CONT.)
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

TEST PIT RECORD

Site: CYAPCO
 Well/Boring: TP1370 (SS) Date: 5/3/06 Time: 0815 End: 0850
 Coordinates: X: 670985 Y: 234989 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: _____

- Crew Members:
1. WOLFGANG CALICCHIO
 2. LORRAINE WROBEL
 3. JOHN DEGOSTIN
 4. CHRIS SNIPES
 5. SHAWN MENARD
 6. BOB WILDERMUTH

Monitor Equipment:

PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	<input checked="" type="checkbox"/>	N
Avail. Oxygen	<input checked="" type="checkbox"/>	N
OVA	<input checked="" type="checkbox"/>	N
Other: <u>FLO</u>		

Photographs, Roll: Digital pictures
downloaded to TP1370
 Exposure: _____

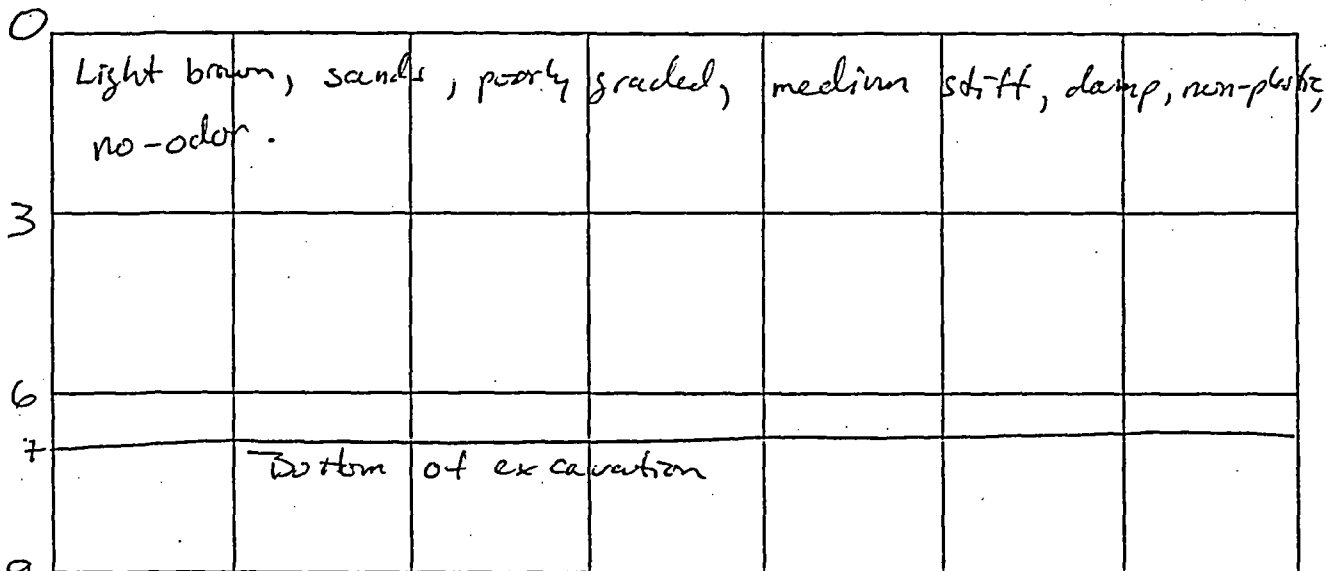
FIGURE 9-1
 TEST PIT RECORD
 QUALITY ASSURANCE PROJECT PLAN
 CYAPCO HADDAM NECK PLANT
 HADDAM, CONNECTICUT

TEST PIT RECORD

Profile Along Test Pit: TP 1370

Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 3 FT.
DEPTH (FT) 7

NOTES:

Turnbuckle discovered at 0.5' bgs.

AU PID/FID < 1ppmv, RAD OK, no visible asbestos.

Test pit back-filled.

No samples collected.

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

(Handwritten circled 'C' and '5/3/06' are present over the table)

REFERENCE: FIELD BOOK, Pg. 27, 47 & 68

ATTACHMENTS NA

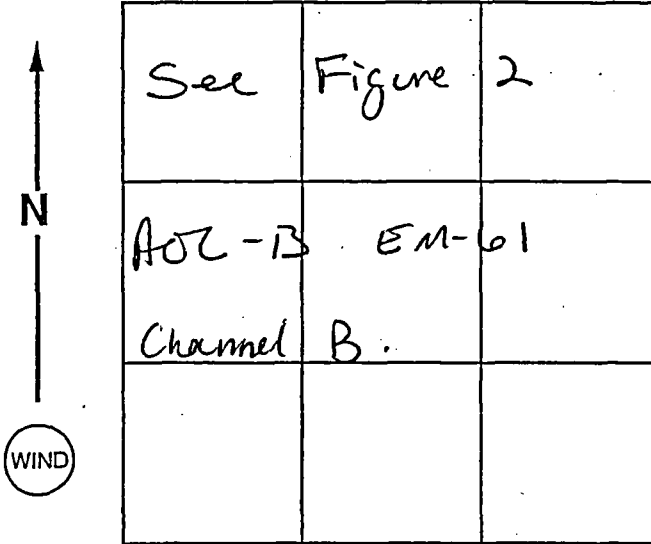
SIGNATURE: [Signature]

FIGURE 9-1(CONT.)
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

TEST PIT RECORD

Site: CYAPCO
 Well/Boring: TP1371 (WW) Date: 5/3/06 Time: 0937 End: 1015
 Coordinates: X: 671388 Y: 234944 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: _____

Crew Members:

1. WOLFGANG CAUCCCHIO
2. LORRAINE WROBEL
3. JOHN DEGOSTIN
4. CHRIS SNIPES
5. BOB WILDERMUTH
6. IRENE DAUBSON

Monitor Equipment:

- PI Meter N
- Explosive Gas N
- Avail. Oxygen N
- OVA N
- Other: FD

Photographs, Roll: Digital pictures
downloaded to TP1371
 Exposure: _____

FIGURE 9-1
 TEST PIT RECORD
 QUALITY ASSURANCE PROJECT PLAN
 CYAPCO HADDAM NECK PLANT
 HADDAM, CONNECTICUT

TEST PIT RECORD

Profile Along Test Pit: TP1371

Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE

0	Brown, sands with fines, poorly graded, medium stiff, damp, non-plastic no odor.				
4'					
5	Dark gray, clayey silt, poorly graded, medium stiff, dry, medium plasticity, no odors, marine clay.				
8	Bottom of excavation.				
10					
15					

SCALE 1" = 5 FT.
DEPTH (FT.) 8

NOTES: At 1' bgs a 3' long piece of 2" wide metal strapping was uncovered.

AN PID/FID & 1ppm, RAD OK, no visible asbestos.

Test pit back filled.

No samples collected.

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 68

ATTACHMENTS NA

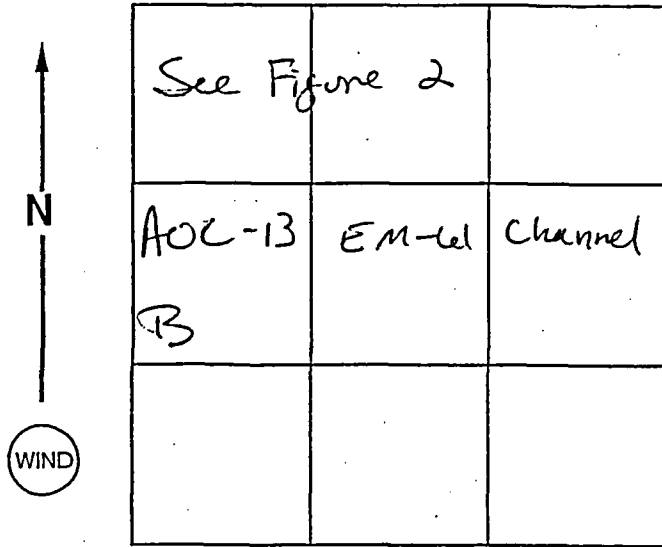
SIGNATURE: [Signature]

FIGURE 9-1(CONT.)
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

TEST PIT RECORD

Site: CYAPCO
 Well/Boring: TP 1372 (VV) Date: 5/3/00 Time: 1020 End: 1115
 Coordinates: X: 671277 Y: 234969 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



Crew Members:

1. WOLFRANG CAUCCIO
2. LORRAINE WRABER
3. JOHN DEBOSTIN
4. FRANK LACAPRUCA
5. BOB WILDERMUTH
6. IRENE DAUBSOA

Monitor Equipment:

- PI Meter _____
 Explosive Gas Y N
 Avail. Oxygen Y N
 OVA Y N
 Other: FID

NOTES: _____

Photographs, Roll: Digital, downloaded to TP1372
 Exposure: _____

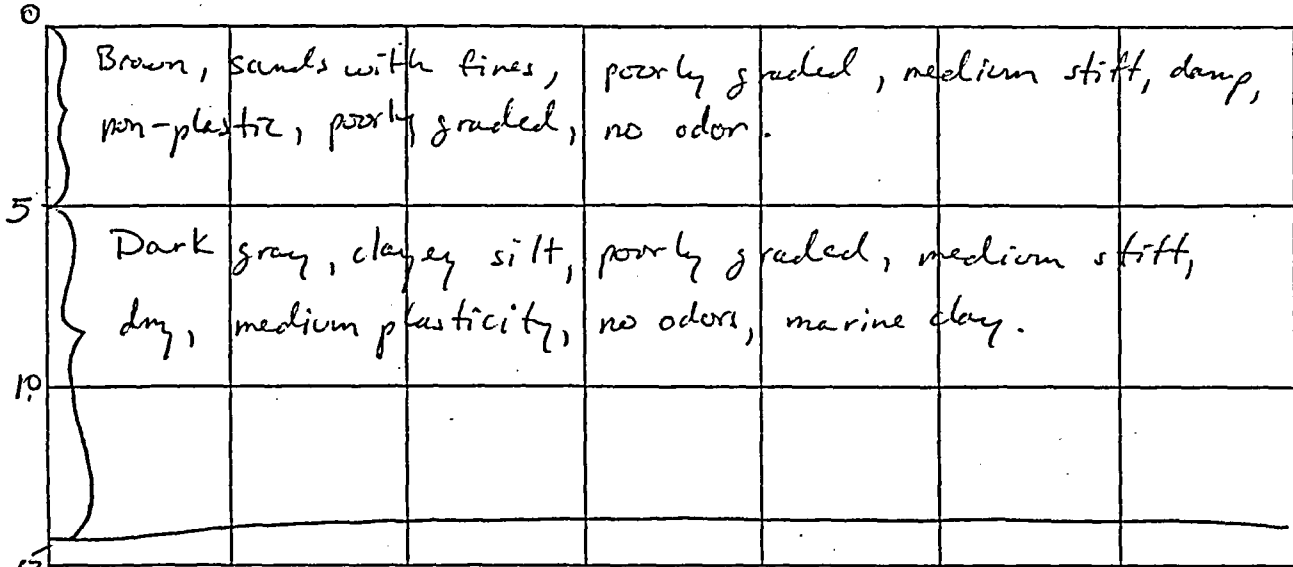
FIGURE 9-1
 TEST PIT RECORD
 QUALITY ASSURANCE PROJECT PLAN
 CYAPCO HADDAM NECK PLANT
 HADDAM, CONNECTICUT

TEST PIT RECORD

Profile Along Test Pit: TP 1372

Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
DEPTH (FT.) 14

NOTES:

0-1' bgs found 3' length of 1/8" braided copper wire, stranded and 3' length of 1" steel cable.

Mike Scully re-surveyed fill excavation to confirm no EM anomalies remain.

No samples collected.

ALL PID/FID < 1ppmv, RAD scan OK, no visible asbestos.

Test pit backfilled.

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

(A large diagonal line is drawn across the table, with a circled 'X' and the date '5/13/06' written over it.)

REFERENCE: FIELD BOOK, Pg. 27, Wadco?

ATTACHMENTS NA

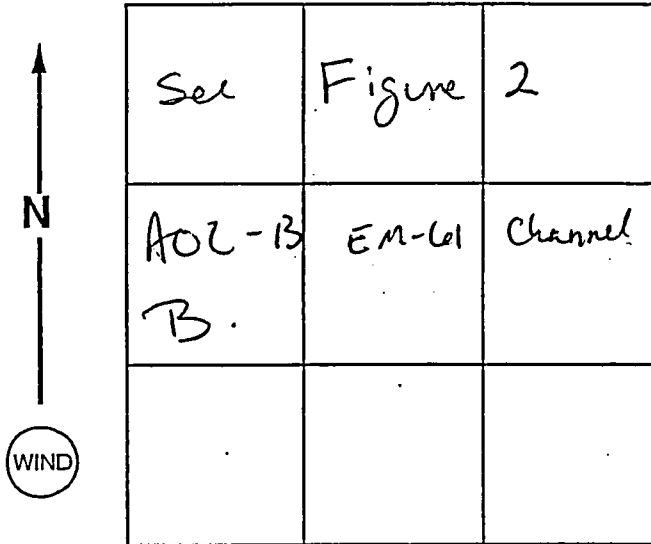
SIGNATURE: [Signature]

FIGURE 9-1(CONT.)
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

TEST PIT RECORD

Site: CYAPCO 1 of 2
 Well/Boring: TP1373 (UU) Date: 5/3/06 Time: 1120 End: 1320
 Coordinates: X=671288 Y=235071 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: _____

- Crew Members:
1. WOLFGANG CALICCHIO
 2. LORRAINE WEBER
 3. JOHN DEGOSTIN
 4. FRANK LACAPRUCA
 5. BOR WILDERMUTH
 6. _____

Monitor Equipment:

PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	<input checked="" type="checkbox"/>	N
Avail. Oxygen	<input checked="" type="checkbox"/>	N
OVA	<input checked="" type="checkbox"/>	N
Other: <u>FD</u>		

Photographs, Roll: Digital, downloaded
+ TP1373
 Exposure: _____

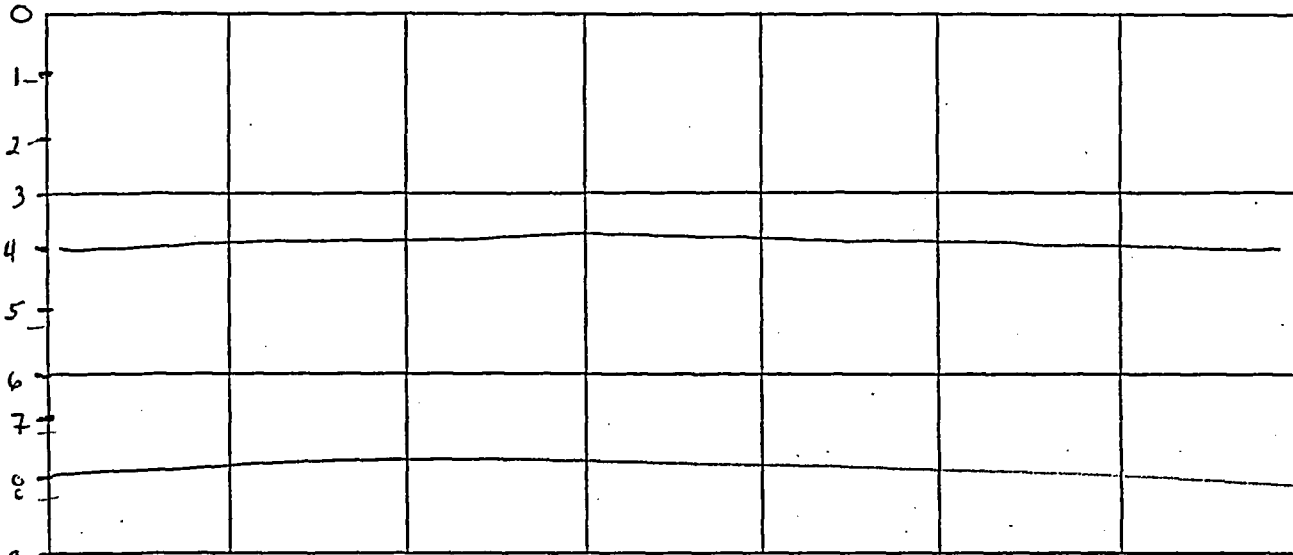
**FIGURE 9-1
 TEST PIT RECORD
 QUALITY ASSURANCE PROJECT PLAN
 CYAPCO HADDAM NECK PLANT
 HADDAM, CONNECTICUT**

TEST PIT RECORD

Profile Along Test Pit: TP1373

Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 0.33 FT.
DEPTH (FT.) 8

NOTES:

0-4' bgs Brown, sands with fines, poorly graded, medium stiff, damp, non-plastic, no odor. Three short pieces of wire excavated at 0.5' bgs. RAD OK, PID/FID < 1ppm, no visible asbestos.

4'-8' bgs Dark gray, clayey silt, poorly graded, medium stiff, dry, medium plasticity, no odor marine clay

No samples.

All PID/FID < 1ppm, RAD seems OK, no visible asbestos.

BACKFILLED Test pit.

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 69

ATTACHMENTS NA

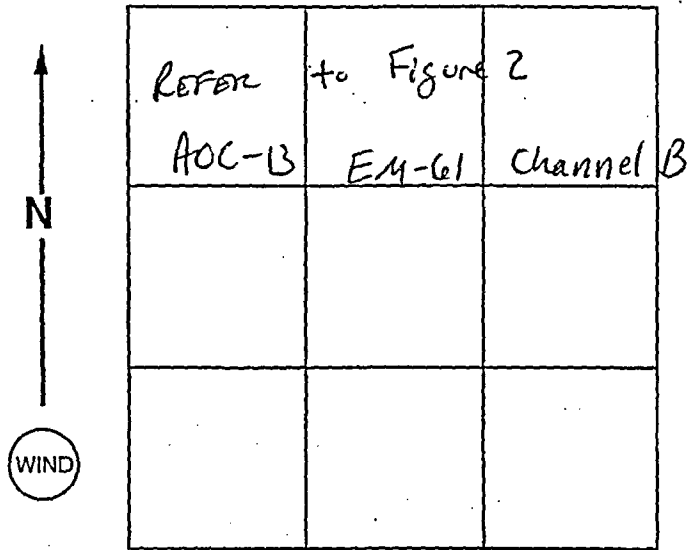
SIGNATURE: [Signature]

FIGURE 9-1(CONT.)
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

TEST PIT RECORD

Site: CYAPCO 1 of 2
 Test Pit Well/Boring: TP1374 (TT) Date: 5/3/06 Time: 1340 End: 1440
 Coordinates: X: 671240 Y: 235091 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: _____

- Crew Members:
1. WOLFGANG CALICCHIO
 2. LORRAINE WROBEL
 3. CHRIS SNIPES
 4. John Degostin
 5. _____
 6. _____

Monitor Equipment:
 PI Meter _____
 Explosive Gas N
 Avail. Oxygen N
 OVA N
 Other: FID N

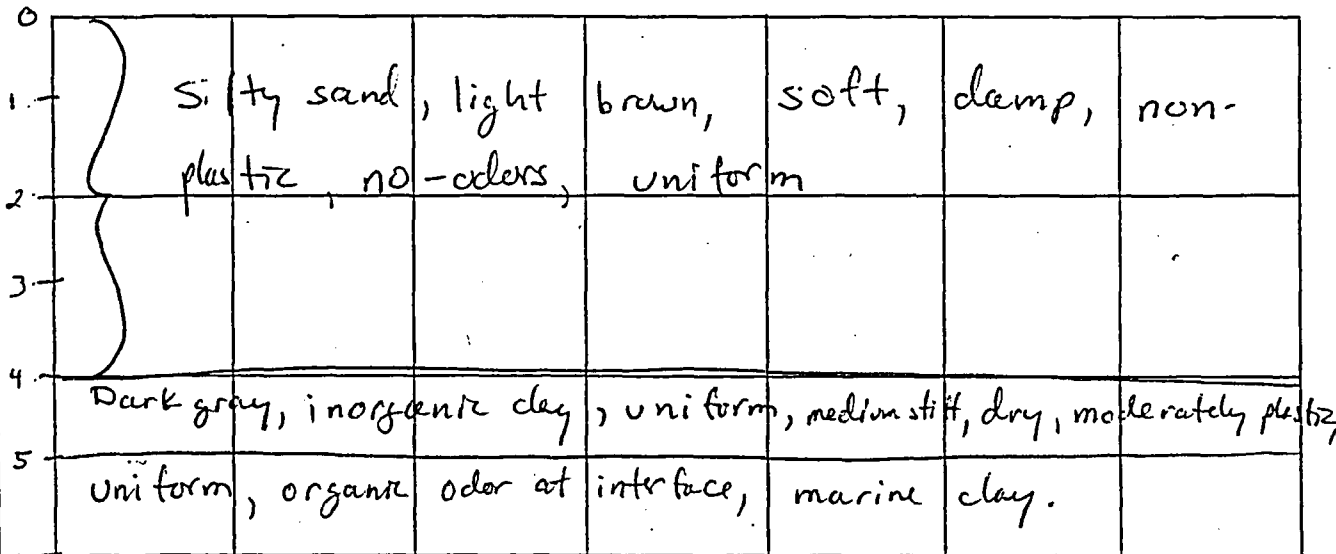
Photographs, Roll: Digital camera
downloaded to TP1374
 Exposure: _____

FIGURE 9-1
 TEST PIT RECORD
 QUALITY ASSURANCE PROJECT PLAN
 CYAPCO HADDAM NECK PLANT
 HADDAM, CONNECTICUT

TEST PIT RECORD

Profile Along Test Pit: TP1374
 Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 0.5 FT.
 DEPTH (FT.) 5

NOTES:

~ 12" diameter pipe clamp removed from 2' bgs. Excavation continued to 5' bgs. F10 scan of excavated soil readings to 180 ppmv. All non-40 hour OSHA personnel pulled back. Samples collected from floor of excavation, TP137405; side well above clay layer, TP137403; and side well at clay layer, TP137405 (4).

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1	TP137403	3	VOA
S-2	TP137404	4	VOA
S-3	TP137405	5	VOA
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 69+70

ATTACHMENTS NA

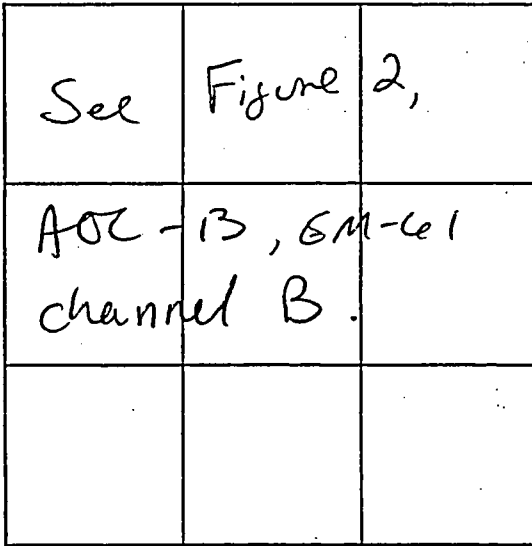
SIGNATURE: [Signature]

FIGURE 9-1(CONT.)
 TEST PIT RECORD
 QUALITY ASSURANCE PROJECT PLAN
 CYAPCO HADDAM NECK PLANT
 HADDAM, CONNECTICUT

TEST PIT RECORD

Site: CYAPCO
Well/Boring: TP1375 (X X) Date: 5/4/06 Time: 1305 End: 1340
Coordinates: X: 670740 Y: 235399 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: _____

Crew Members:

- 1. WOLFGANG CAUICCHIO
- 2. LORRAINE WRUBEL
- 3. JOEL GOERGON
- 4. FRANK LACAPRUCCIA
- 5. BOB WILDERMUTH
- 6. _____

Monitor Equipment:

- PI Meter N
- Explosive Gas N
- Avail. Oxygen N
- OVA N
- Other: FID N

Photographs, Roll: Digital photos downloaded to TP1375

Exposure: _____

FIGURE 9-1
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

TEST PIT RECORD

Profile Along Test Pit: TP1375
 Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE

0	Dark brown sands with fines, poorly graded, medium stiff, dry, non-plastic, no odor.					
5						
6	Dark gray, clay silt, poorly graded, medium stiff, dry,					
10	medium plasticity, no odors, marine clay.					
12	Bottom of excavation					
15						

SCALE 1" = _____ FT.
 DEPTH (FT) _____

NOTES:

0 - 0.5' bgs drum cover unearthed.

All PID/FID < 1 ppm, RAD scans OK, no visible asbestos.

No RCA samples collected.

Test pit back filled.

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

(Handwritten: 25, 5/4/06)

REFERENCE: FIELD BOOK, Pg. 24 72

ATTACHMENTS NA

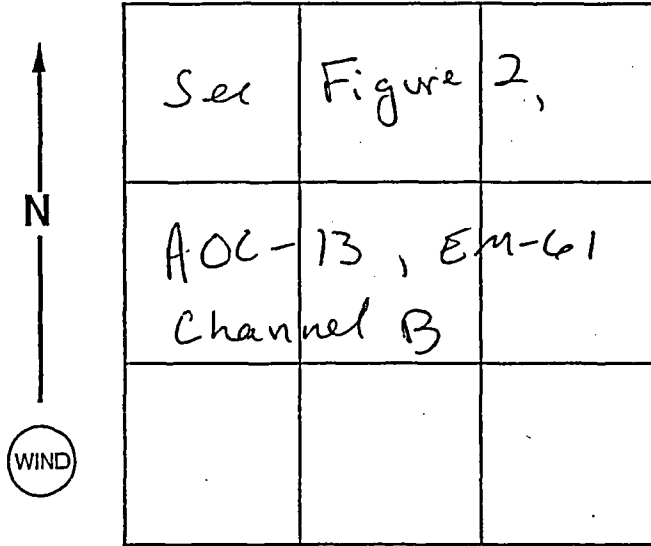
SIGNATURE: *[Signature]*

FIGURE 9-1(CONT.)
 TEST PIT RECORD
 QUALITY ASSURANCE PROJECT PLAN
 CYAPCO HADDAM NECK PLANT
 HADDAM, CONNECTICUT

TEST PIT RECORD

Site: CYAPCO
Well/Boring: TP 1376 (KK) Date: 5/4/06 Time: 1345 End: 1422
Coordinates: X: 670818 Y: 235348 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: _____

Crew Members:

1. WOLFRANG CAICCHIO
2. LORRAINE WROBEL
3. JOHN DEGUSTIN
4. FRANK LACAPRUCA
5. BOB WILDERMUTH
6. _____

Monitor Equipment:

- PI Meter N
- Explosive Gas N
- Avail. Oxygen N
- OVA N
- Other: FuO _____

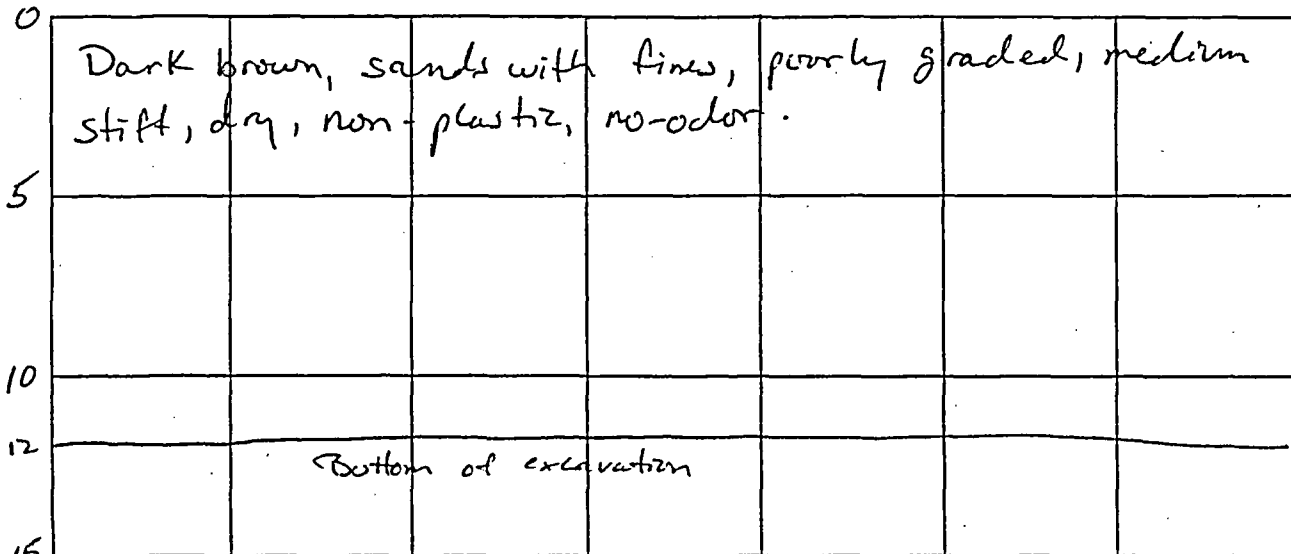
Photographs, Roll: Digitized photos downloaded to TP1376
Exposure: _____

FIGURE 9-1
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

TEST PIT RECORD

Profile Along Test Pit: TP1376
 Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
 DEPTH (FT.) 12

NOTES:
0-2' bgs 2' diameter pipe coupling unearthed.
All PID/FUD < 1 ppm, RAD scans OK, no visible asbestos.
No RCRA samples collected.
Test pit back filled.

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

(Handwritten: 5/4/06)

REFERENCE: FIELD BOOK, Pg. 27, 72

ATTACHMENTS NA

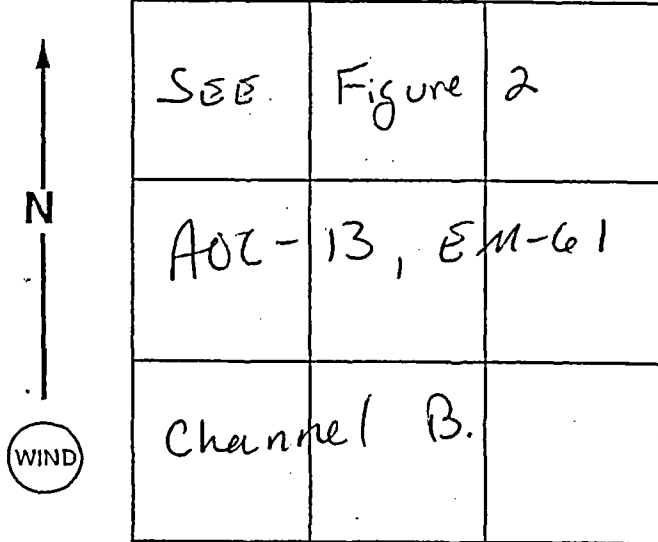
SIGNATURE: [Signature]

FIGURE 9-1(CONT.)
 TEST PIT RECORD
 QUALITY ASSURANCE PROJECT PLAN
 CYAPCO HADDAM NECK PLANT
 HADDAM, CONNECTICUT

TEST PIT RECORD

Site: CYAPCO 1 of 2
 Well/Boring: TP 1377 (JJ) Date: 5/4/06 Time: 1425 End: 1450
 Coordinates: X: 670733 ; Y: 235262 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: _____

- Crew Members:
1. WOLF CALICCHIO
 2. LORRAINE WRONER
 3. JOHN DEGOSTIN
 4. DON JOHNSON
 5. FRANK LACAPRUZIA
 6. _____

Monitor Equipment:

PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	<input checked="" type="checkbox"/>	N
Avail. Oxygen	<input checked="" type="checkbox"/>	N
OVA	<input checked="" type="checkbox"/>	N
Other: <u>FID</u>	<input checked="" type="checkbox"/>	N

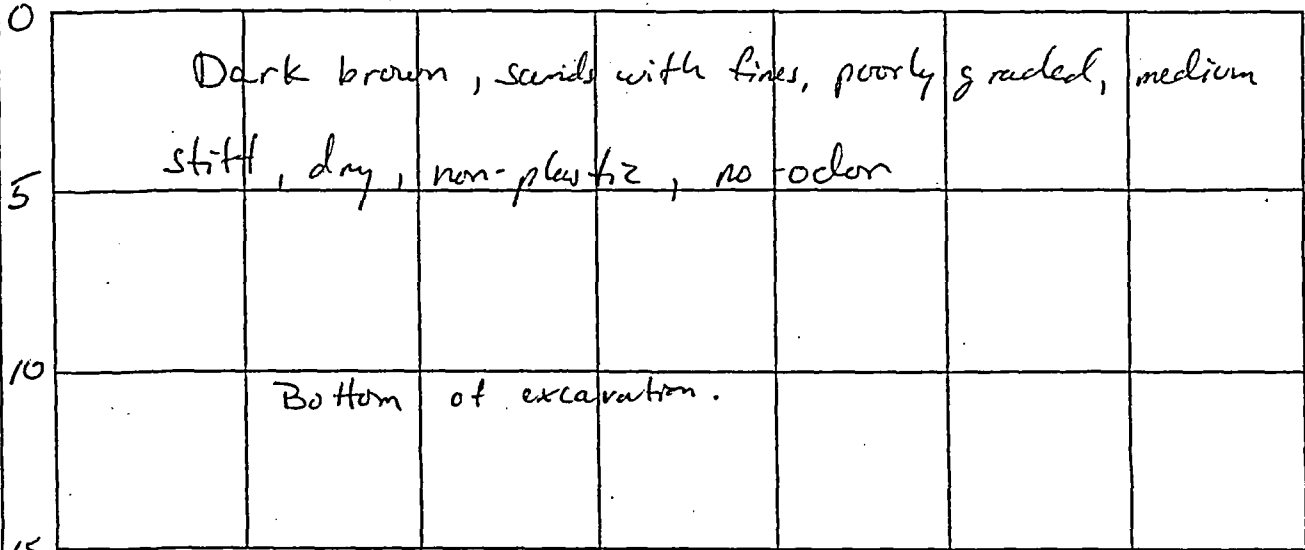
Photographs, Roll: Digital
photos downloaded to TP1377
 Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 1377 (JJ) 2 of 2

Site: _____

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
DEPTH (FT.) 10

NOTES: _____
0 - 0.5' bgs several pieces of assorted iron.

PID / FUD < 1 ppm, RAD scan OK, no visible signs of asbestos.

No RCRA samples.

OK to backfill.

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

(Handwritten circled '2' and '5/4/02' are present in the table area.)

REFERENCE: FIELD BOOK, Pg. 27, 73, 73

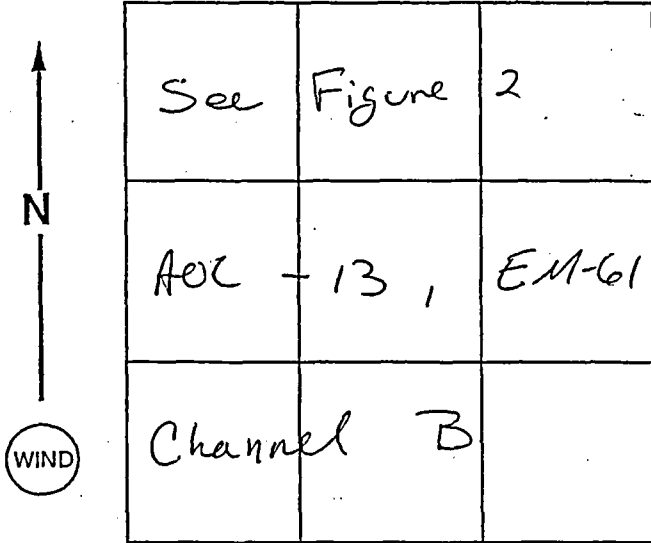
ATTACHMENTS NA

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO
Well/Boring: TP1378 (II) Date: 5/4/06 Time: 1455 End: 1525
Coordinates: X: 670577; Y: 235310 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: _____

Crew Members:

1. WOLF CALICCHIO
2. LORRAINE WRUBER
3. JOHN DEEUSTIN
4. FRANK LACAPRUCA
5. BOB WILDERMUTH
6. _____

Monitor Equipment:

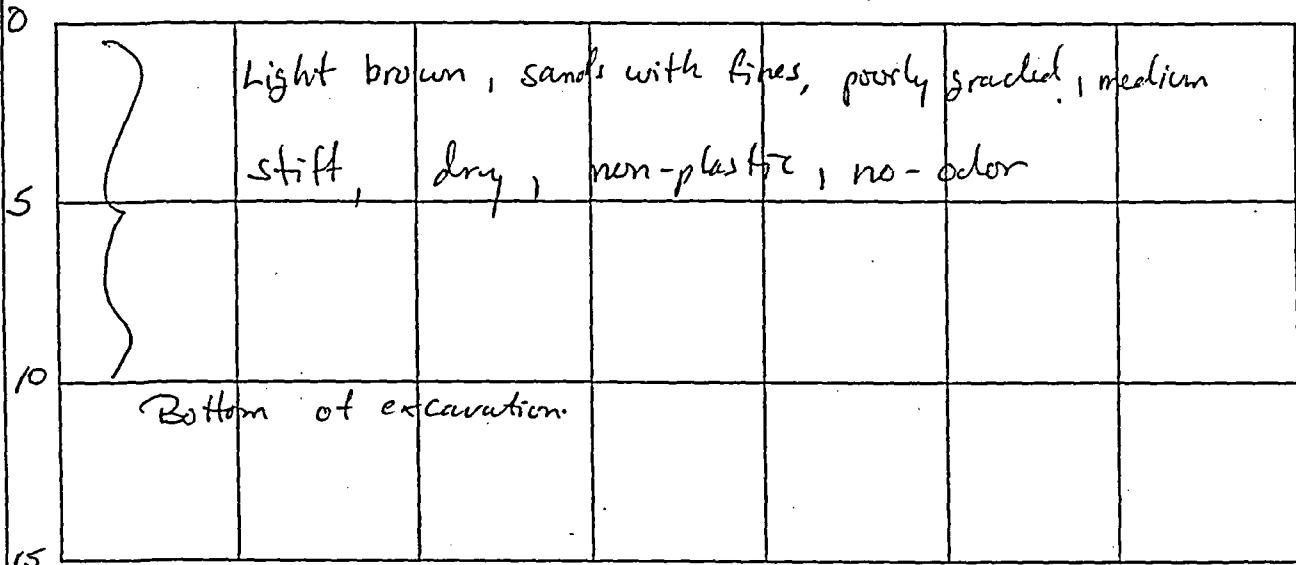
- PI Meter Y N
- Explosive Gas Y N
- Avail. Oxygen Y N
- OVA Y N
- Other: FID

Photographs, Roll: Digital
downloaded to TP1378
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 1378
 Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
 DEPTH (FT.) 10

NOTES:

Several pieces of iron and stainless steel strapping, ss mesh, black sheathed wire and white sheathed wire, located 0-0.5' bgs.
All PID/FID < 1ppmv, Red scans OK, no visible asbestos.
No RCPA samples.
OK to backfill.

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 73

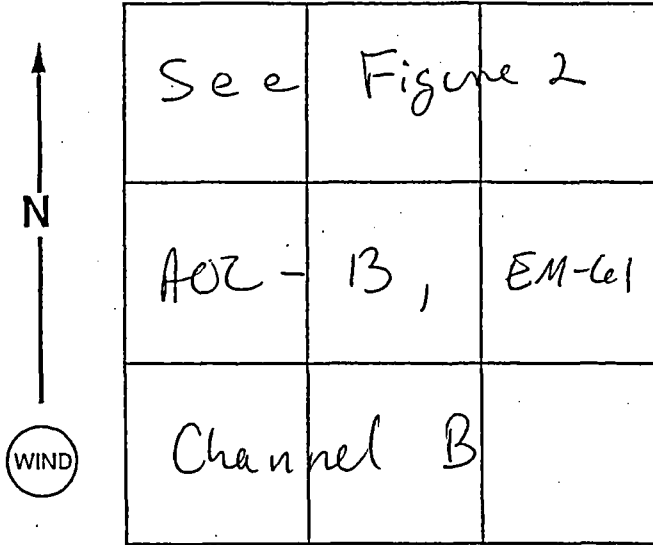
ATTACHMENTS NA

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO
Well/Boring: TP1379 (HH) Date: 5/4/06 Time: 1527 End: 1550
Coordinates: X: 670577 ; Y: 235310 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: _____

Crew Members:

1. WOLF CALICCHIO
2. LORRAINE WROBOL
3. JOHN DEGUSTIN
4. FRANK LACAPRUCIA
5. BOB WILDERMUTH
6. _____

Monitor Equipment:

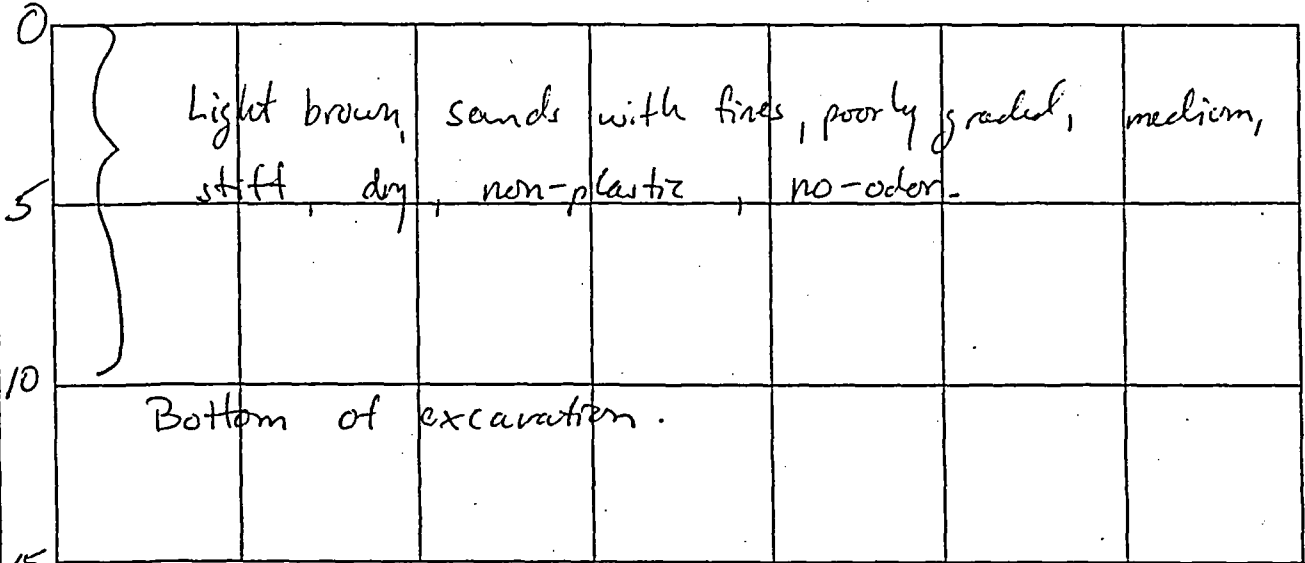
PI Meter N
 Explosive Gas N
 Avail. Oxygen N
 OVA N
 Other: FID. N

Photographs, Roll: Digital
down loaded to TP1379
 Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP1379
 Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
 DEPTH (FT.) 10

NOTES:

0-0.5' bgs 1' long section of
8" iron pipe, 2.5' long section of
angle iron, iron spike unearthed.

P10 / F10 \sim 1ppmv, Rad scan OK,
no visible asbestos.

No REEA samples.

OK to backfill.

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 73

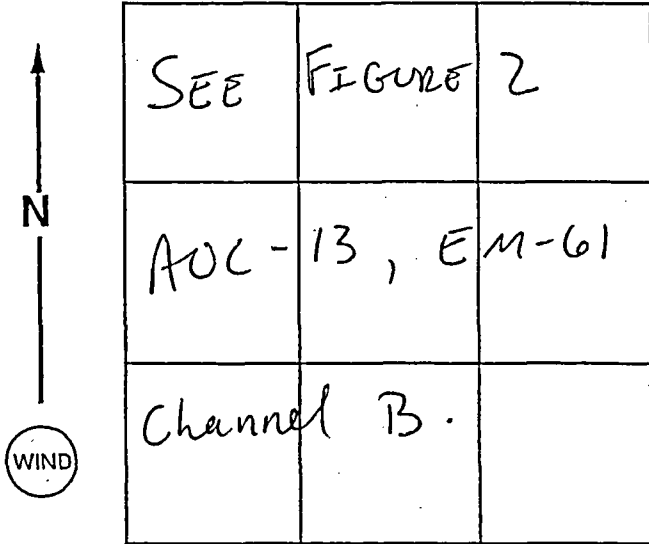
ATTACHMENTS NA

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO 1 of 2
Well/Boring: (GG) TP1380 Date: 5/8/06 Time: 0750 End: 0820
Coordinates: X: 670513, Y: 235295 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: _____

Crew Members:

1. WOLFGANG CALICCHIO
2. LORRAINE WRUBER
3. JOHN DEGOSTIN
4. BOB WILDERMUTH
5. _____
6. _____

Monitor Equipment:

PI Meter N
 Explosive Gas N
 Avail. Oxygen N
 OVA N
 Other: FID _____

Photographs, Roll: Digital described
to TP1380

Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP1380
 Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE

0						
0.5	Dark Brown, Light Brown	sandy soils, poorly graded,	soft, dry,	non-plastic,	no odor.	
4 5		sandy soils, poorly graded,	soft, dry,	non-plastic,	no odor.	
10	Gray, no odors,	silty clay, marine clay,	poorly graded,	soft, damp,	medium plasticity,	
15	Bottom of excavation.					

SCALE 1" = 5 FT.
 DEPTH (FT) _____

NOTES:

0-0.5' piece of 1'x3' sheet steel unearthed.

All PID/FID ± 1 ppm. RAD scan OK.
No visible asbestos.

No RCRA samples collected.

Test pit back filled.

No.:	Int. Ser. No.:	Depth (Ft):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6		(2)	
S-7			
S-8		5/2/06	

REFERENCE: FIELD BOOK, Pg. 27, 74

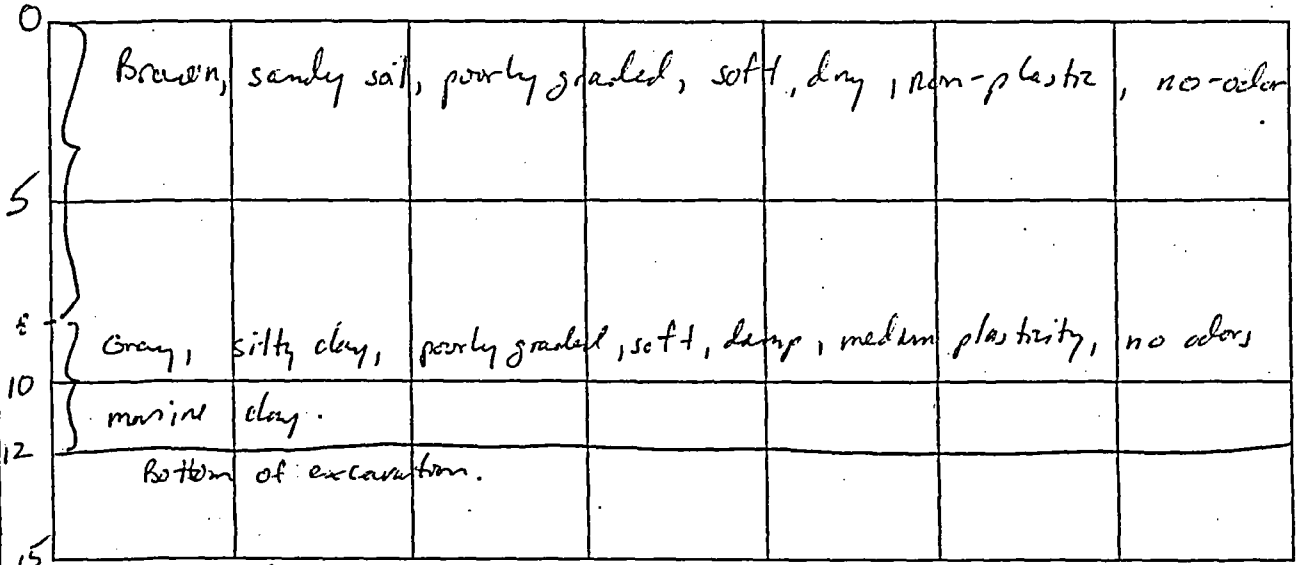
ATTACHMENTS NA

SIGNATURE: _____

TEST PIT RECORD

Profile Along Test Pit: TP1381
 Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
 DEPTH (FT.) 12

NOTES: _____
0-1' bgs two sections of 6' cyclone fence pipe uncovered.

PI0/F10 < 1 ppm; RAO scan OK; no visible asbestos.

No RCHA sample.

Test pit back filled.

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

(Handwritten: 5/17/06)

REFERENCE: FIELD BOOK, Pg. 27, 75

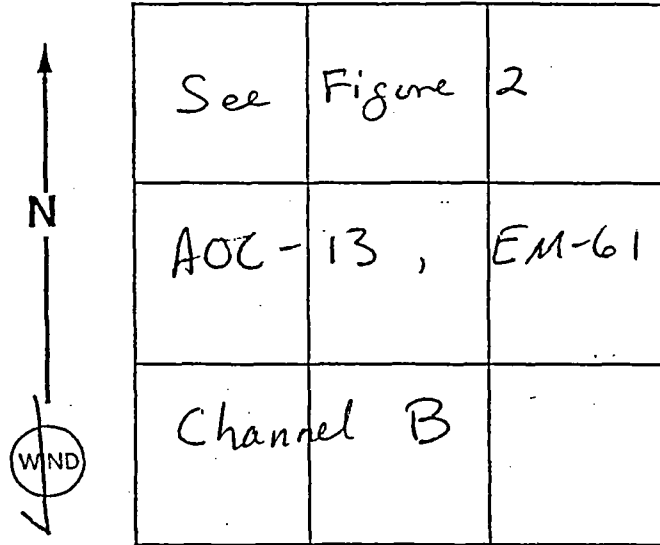
ATTACHMENTS NA

SIGNATURE: *[Handwritten Signature]*

TEST PIT RECORD

Site: CYAPCO
Well/Boring: TP1382 (Former 2) Date: 5/8/06 Time: 1007 End: 1304
Coordinates: X: 670300 Y: 235423 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: _____

Crew Members:

1. WOLF CALICCHIO
2. LORRAINE WROBOT
3. BOB WILDSMUTH
4. JOHN DEGASTIN
5. DON JOHNSON
6. MATT DAROFS

Monitor Equipment:

PI Meter _____
Explosive Gas N
Avail. Oxygen N
OVA N
Other: FID N

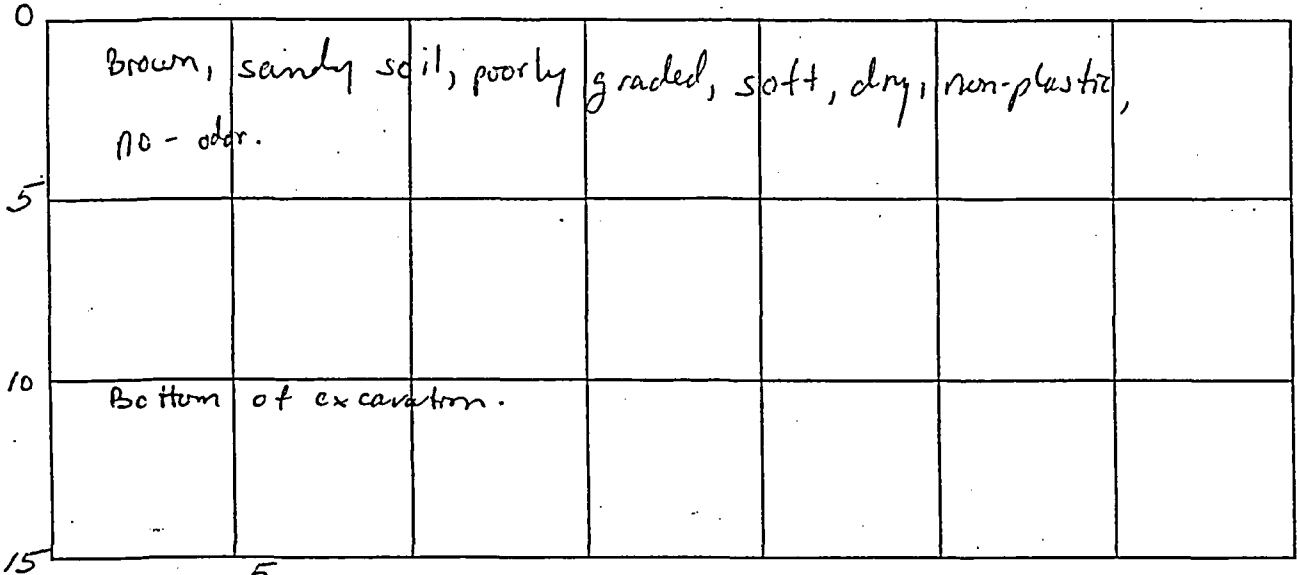
Photographs, Roll: Digital
downloaded to TP1382
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP.1382

Site: CYR-PCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
DEPTH (FT) 10

NOTES:

Excavated to 10' bgs at coordinates.
Extended area around test pit until material located. Piece of 0.5' x 3' sheet steel, wadded up, uncovered. Some black sheathed and white sheathed wire unearthed.

All PID / FID < 1 ppm, RAD screen OK, no visible asbestos.

OK to back fill.

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

(A circled 'A' is drawn over the table with a diagonal line through it, and the date '5/18/00' is written next to it.)

REFERENCE: FIELD BOOK, Pg. 27, 75

ATTACHMENTS NA

SIGNATURE: *[Handwritten Signature]*

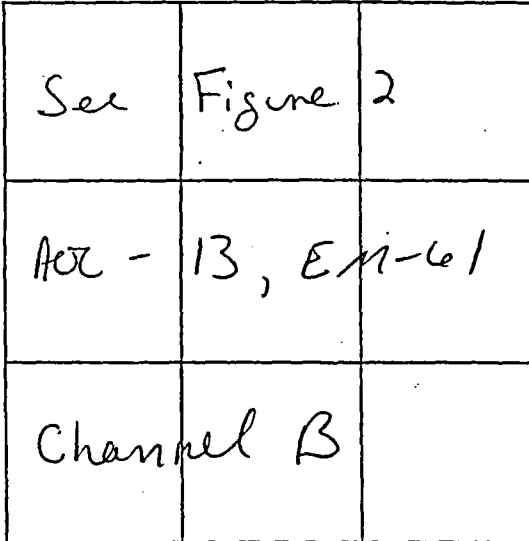
TEST PIT RECORD

Site: CYAPCO

Well/Boring: TP1383 (FF Center) Date: 5/8/06 Time: 1308 End: 1425

Coordinates: X: 670393 ; Y: 235423 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: _____

Crew Members:

1. WOLF CAPECHIO
2. LORENZO WROBER
3. MATT DARCIS
4. BOB WILDERMUTH
5. SHAWN MENARD
6. DON JOHNSON

Monitor Equipment:

- PI Meter N
- Explosive Gas N
- Avail. Oxygen N
- OVA N
- Other: FWD N

Photographs, Roll: Digital photo
downloaded to TP1383

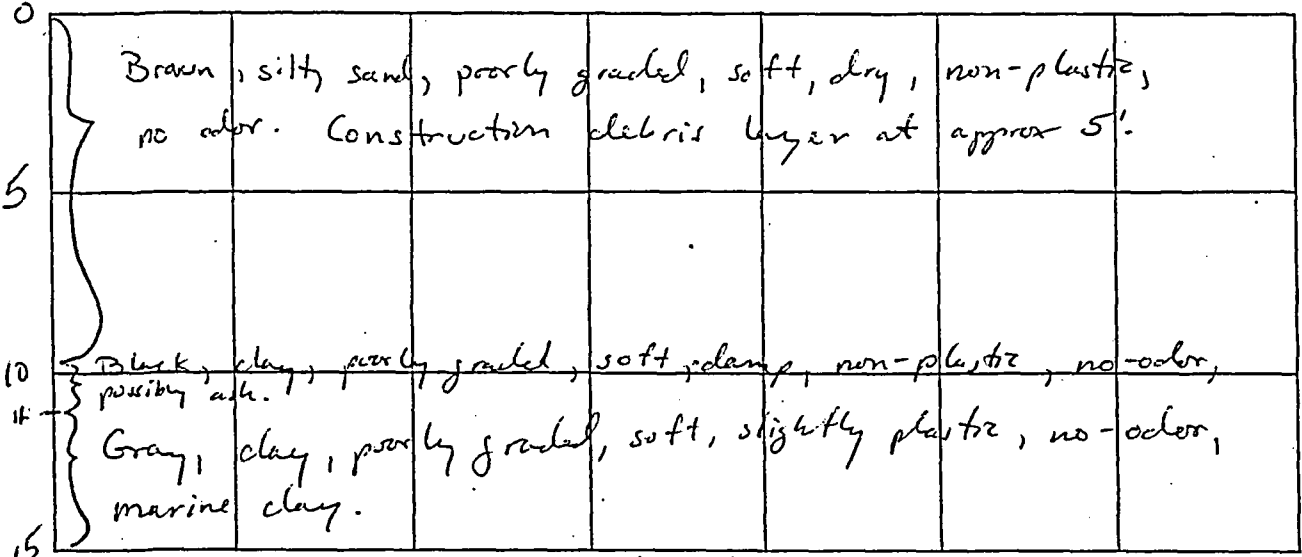
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 1383

Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
DEPTH (FT) 15

Bottom of excavation.

NOTES:

Multiple pieces of metal debris throughout excavation, angle iron, 1" pipe, 2" pipe, metal signs, strapping, 1/2" rod, welding rods, 1/2" rebar, channel iron, iron grating, galbestos siding (2 pieces ~ 0.5' x 1'), a 1' section of 8" transit pipe

All PID / FID < 1 ppm, RAD scan OK, some non-fricible asbestos removed

OK to backfill

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6		5	186
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 74

ATTACHMENTS NA

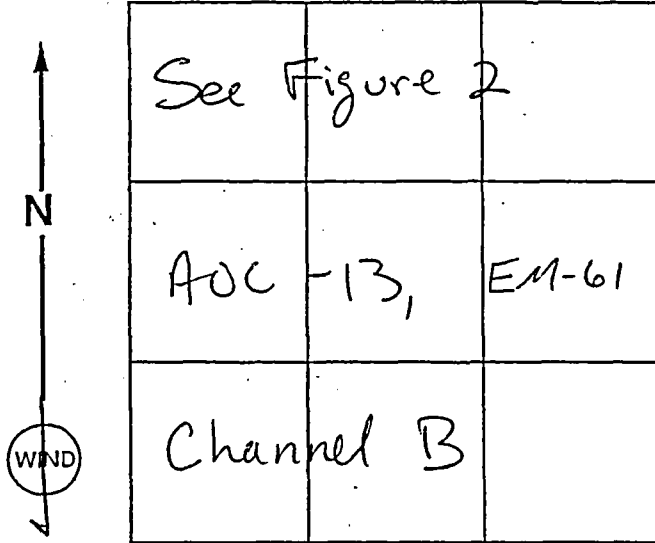
SIGNATURE: [Signature]

TEST PIT RECORD

1 of 2

Site: CYAPCO
Well/Boring: TP1384 (FF corner 4) Date: 5/8/06 Time: 1428 End: 1522
Coordinates: X: 670477; Y: 235420 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: _____

- Crew Members:
- WOLF CALICCHIO
 - LOREANNE WROBEL
 - MATT DAROIS
 - SHAWN MENARD
 - BOB WILDERMUTH
 - Don Johnson

Monitor Equipment:

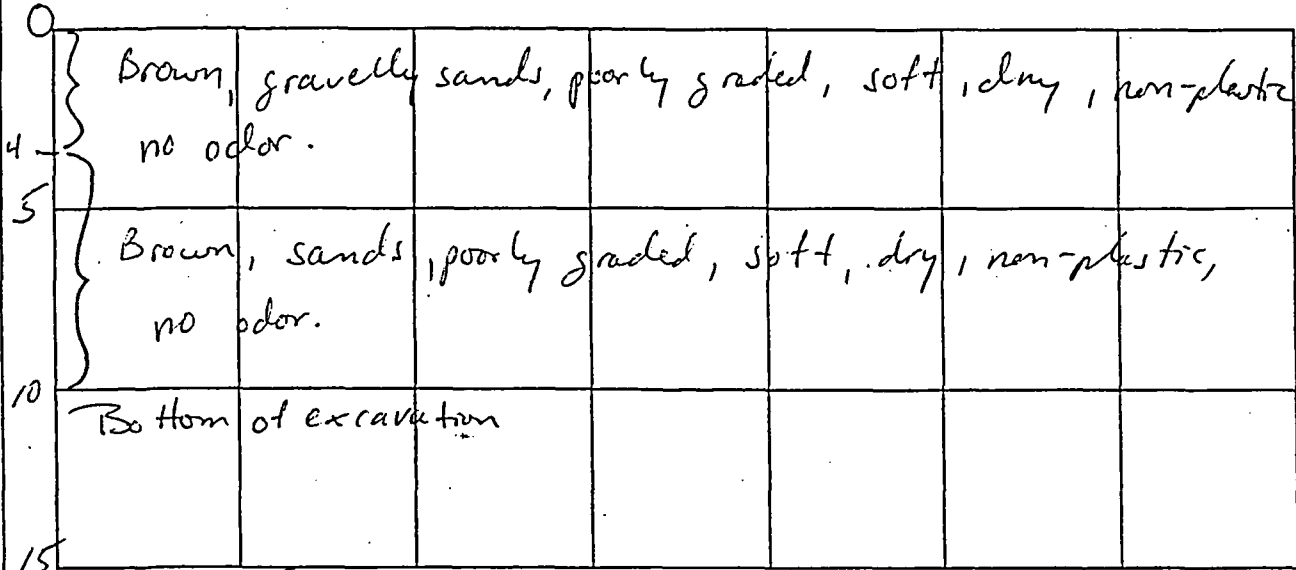
PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	<input checked="" type="checkbox"/>	N
Avail. Oxygen	<input checked="" type="checkbox"/>	N
OVA	<input checked="" type="checkbox"/>	N
Other: <u>FID</u>		

Photographs, Roll: Digital ~~on~~ 5/8/06
downloaded to TP1384
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP1384
 Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
 DEPTH (FT) 10

NOTES:

No metals uncovered. Extended excavation west towards open excavation, asbestos removal area.

All FID/PID < 1 ppm, RAD screen OK, no visible asbestos.

OK to backfill.

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 76

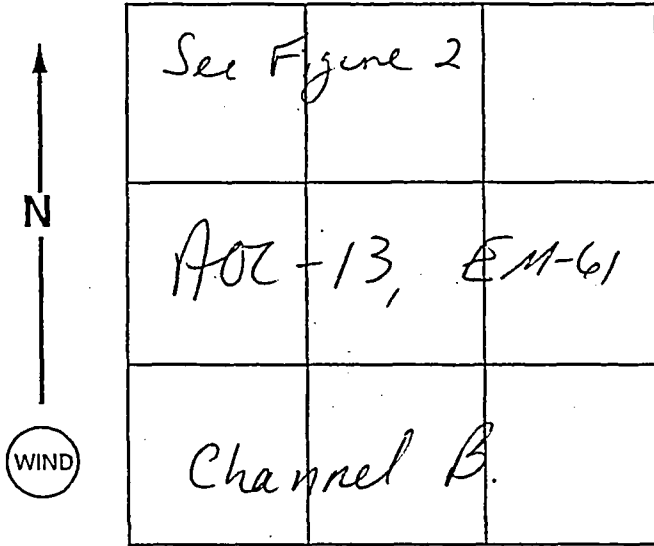
ATTACHMENTS NA

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO
Well/Boring: TP1385 (FFcorner3) Date: 5/8/06 Time: 1525 End: 1555
Coordinates: X: 470449 ; Y: 235355 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: _____

- Crew Members:
1. WOLF CALICCHIO
 2. LORRAINE WROBET
 3. MATT DAREW
 4. SHAWN MENDRO
 5. BOB WILDERMUTH
 6. DON JOHNSON

Monitor Equipment:

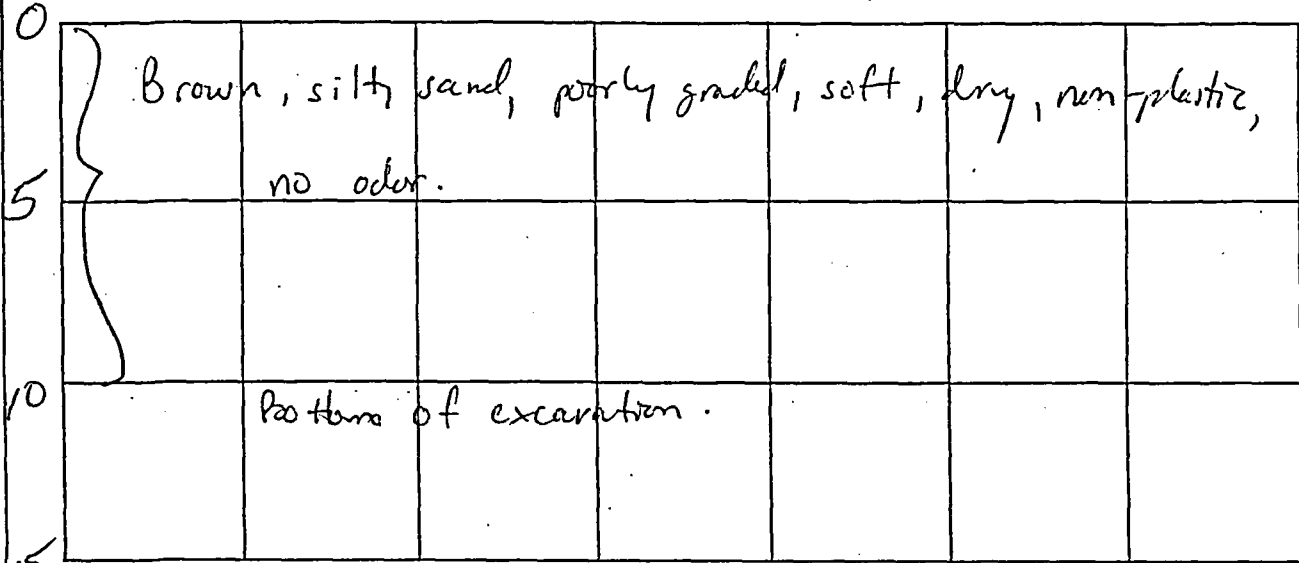
PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	<input checked="" type="checkbox"/>	N
Avail. Oxygen	<input checked="" type="checkbox"/>	N
OVA	<input checked="" type="checkbox"/>	N
Other: <u>FID</u>	<input checked="" type="checkbox"/>	N

Photographs, Roll: Digital
down loaded to TP1385-
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP1385
 Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
 DEPTH (FT) 10

NOTES:

piece of 1'x2' sheet steel (sign?)
removed from 0-0.5' bgs.

All P10/F10 < 1 ppm, RAD scan OK,
no visible asbestos.

No RCRA samples.

OK to backfill.

No.:	Int. Ser. No.:	Depth (Ft):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 77

ATTACHMENTS NA

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPLO AOCB

1 of 2

Well/Boring: TP 1396

Date: 5-15-06

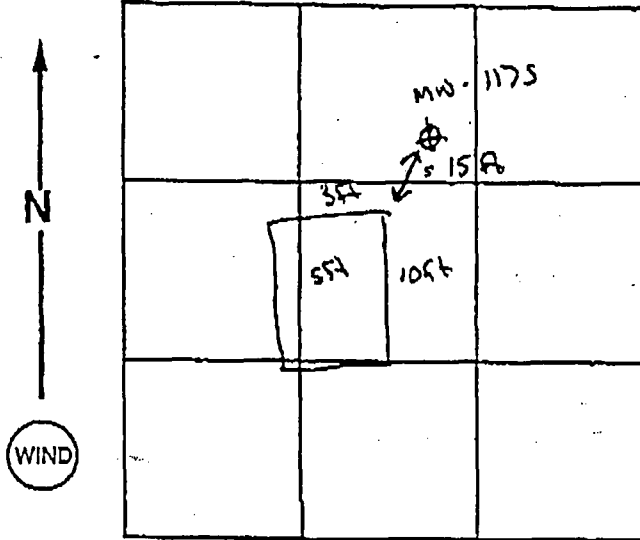
Time: 1140

End: 1120

Coordinates: X: 67301 Y: 23501

Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = 25 FT.

NOTES:

3ft. long metal post, metal strapping
uncovered.

Crew Members:

1. Miles vanNorden
2. Bob Wildamuth
3. Don Johnson
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter Y N
 Explosive Gas Y N
 Avail. Oxygen Y N
 OVA Y N
 Other: FID

Photographs, Roll: Digital

photos on server

Exposure: _____

TEST PIT RECORD

Site: CYARLD AOC 13

1 of 2

Well/Boring: TP 1387

Date: 5-15-06

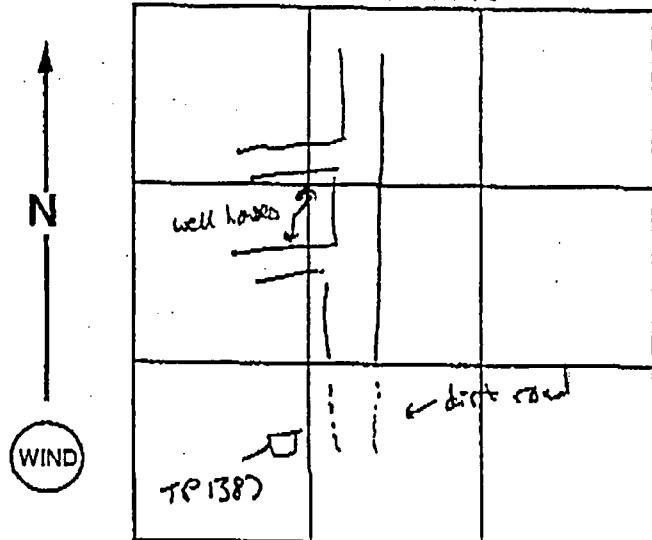
Time: 1125

End: 1420

Coordinates: X: 671304 Y: 234890

Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES:

Nothing uncovered at TP1387

Crew Members:

1. Miles van Noorden
2. Bob Wilhamuth
3. Don Johnson
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter N
 Explosive Gas Y N
 Avail. Oxygen Y N
 OVA Y N
 Other: FID

Photographs, Roll: Digital

photos on server
 Exposure: _____

TEST PIT RECORD

Site: CYAPLO AOC13

1 of 2

Well/Boring: TP1388

Date: 5-15-06

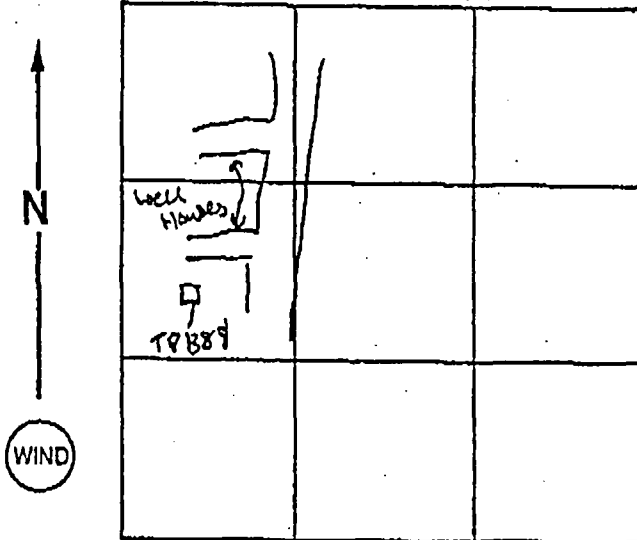
Time: 1430

End: 1500

Coordinates: X = 671037 Y = 234985

Grid Element: →

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES:

Nothing uncovered at TP1388.
Very wet conditions

Crew Members:

1. Miles van Noordennan
2. Bob Wildamuth
3. Don Johnson
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	<input type="checkbox"/>	N
Avail. Oxygen	<input type="checkbox"/>	N
OVA	<input type="checkbox"/>	N
Other: <u>FID</u>	<input type="checkbox"/>	N

Photographs, Roll: Digital
photos on server

Exposure: _____

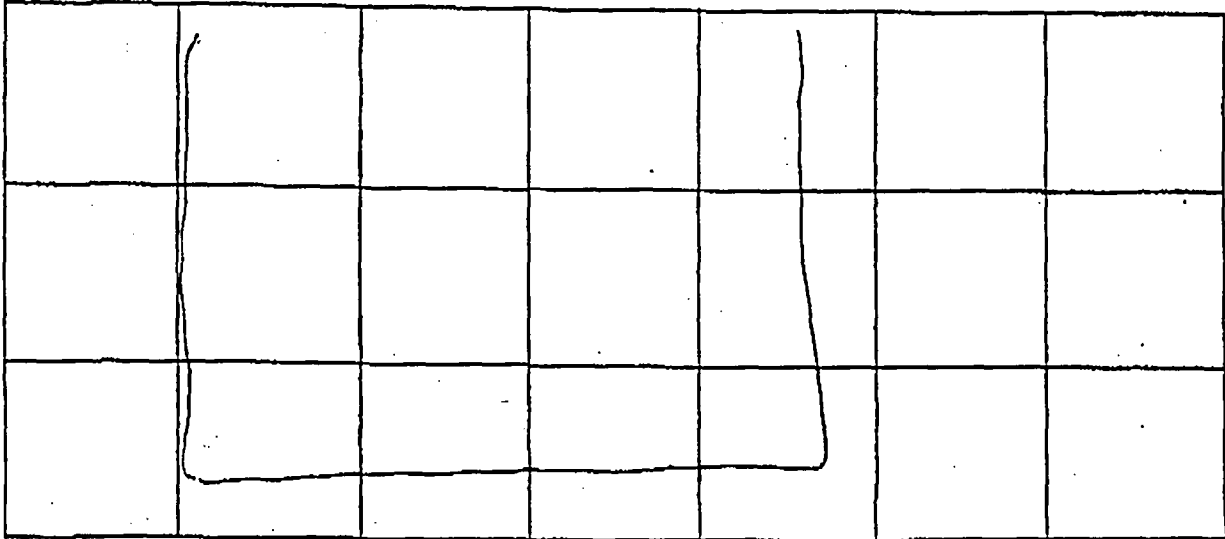
TEST PIT RECORD

Profile Along Test Pit: TP1388

2 of 2

Site: AOC 13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 2 FT.
DEPTH (FT) 5

NOTES:

Brown sand, organics, very wet.

Nothing uncovered

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

(The table is crossed out with a large diagonal line and has handwritten initials 'JA' in the center.)

REFERENCE: FIELD BOOK, Pg. 82

ATTACHMENTS: _____
SIGNATURE: [Handwritten Signature]

TEST PIT RECORD

Site: CYADLO ASC13

1 of 2

Well/Boring: TP1389

Date: 5-15-21

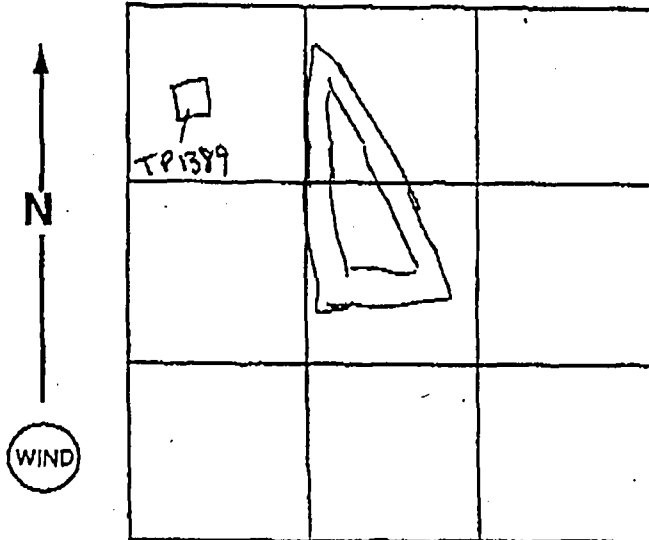
Time: 1510

End: 1615

Coordinates: X = 626201 Y = 235409

Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: Uncovered scrap metal, drum lid,
and steel hangers.

Crew Members:

1. Miles vanNoordenne
2. Bob Wilhamuth
3. Don Johnson
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter	<u>Q</u>	N
Explosive Gas	Y	N
Avail. Oxygen	Y	N
OVA	Y	N
Other: <u>AID</u>		

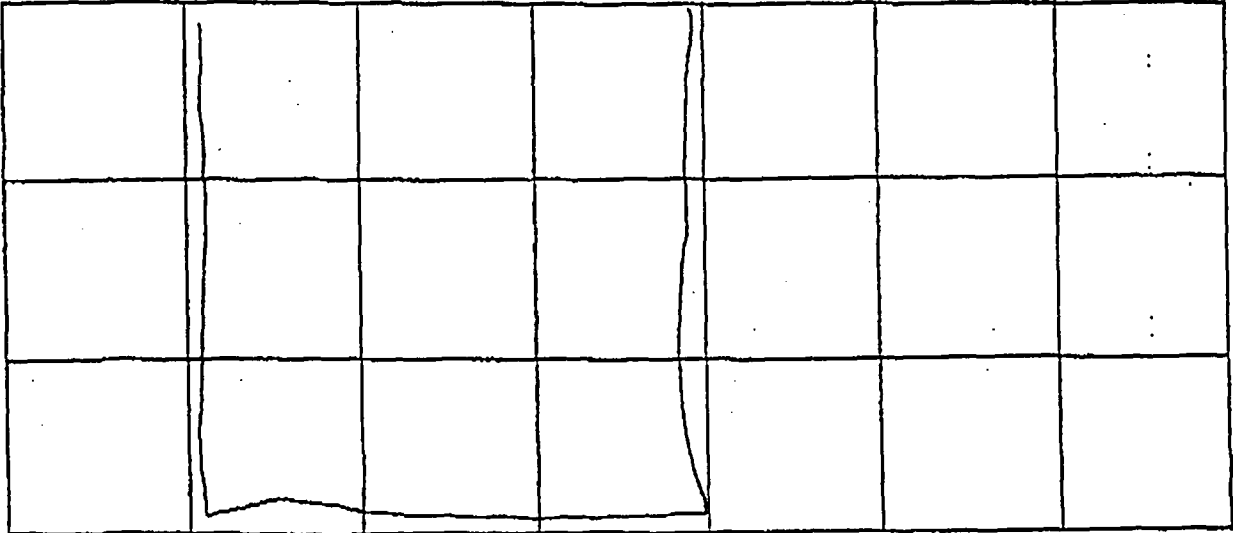
Photographs, Roll: Digital
photos on server

Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 1389
 Site: AAC13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 2 FT.
 DEPTH (FT) 2

NOTES:
Brown sand, organics, damp.
Various metal uncovered

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

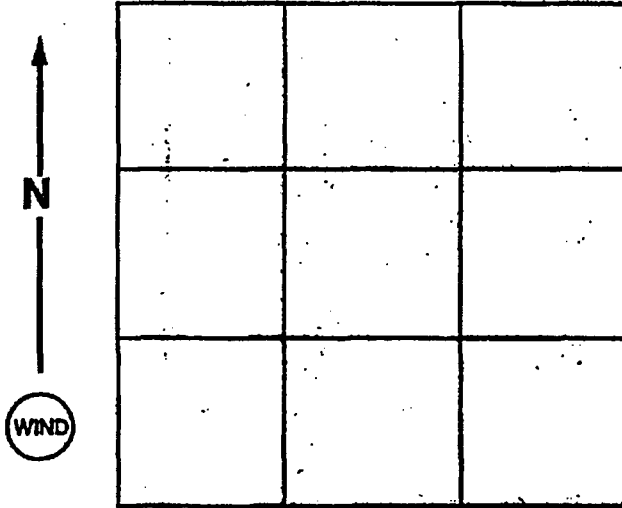
REFERENCE: FIELD BOOK, Pg. 82

ATTACHMENTS —
 SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO ROC 13 1 of 2
Well/Boring: TP 1340 Date: 9.16.06 Time: _____ End: _____
Coordinates: N: 295409.112 E: 470200.982 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: ACM encountered test pit
not completed due to perday
ACM removal

Crew Members:

1. Miles van Noordenen
2. Bob Wildman
3. Don Johnson
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter N
Explosive Gas N
Avail. Oxygen N
OVA N
Other: Flb

Photographs, Roll: none

Exposure: _____

FIGURE 9-1
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

MACTEC, Inc.

TEST PIT RECORD

Site: CYAPLO AOC13

Well/Boring: TP1391

Date: 5-16-06

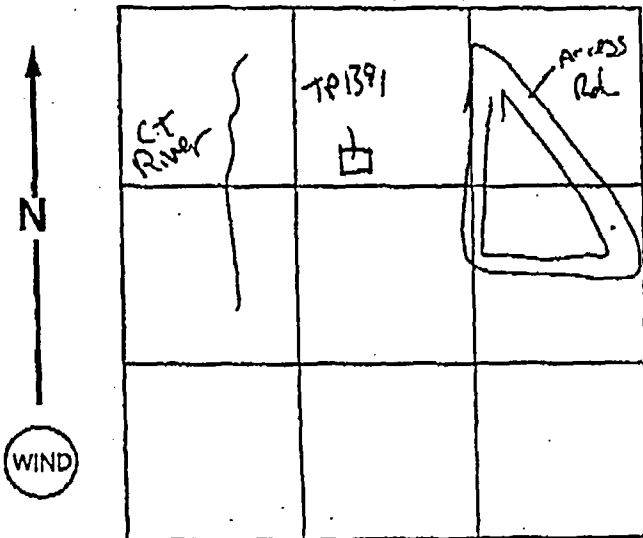
Time: 10:20

End: 10:45

Coordinates: X= 620245 Y= 235454

Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES:

Uncovered metal grating at surface.

Crew Members:

1. Miles VanVorderheede
2. Bob Wildomuth
3. Dan Johnson
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter Y N

Explosive Gas Y N

Avail. Oxygen Y N

OVA Y N

Other: FID Y N

Photographs, Roll: Digital

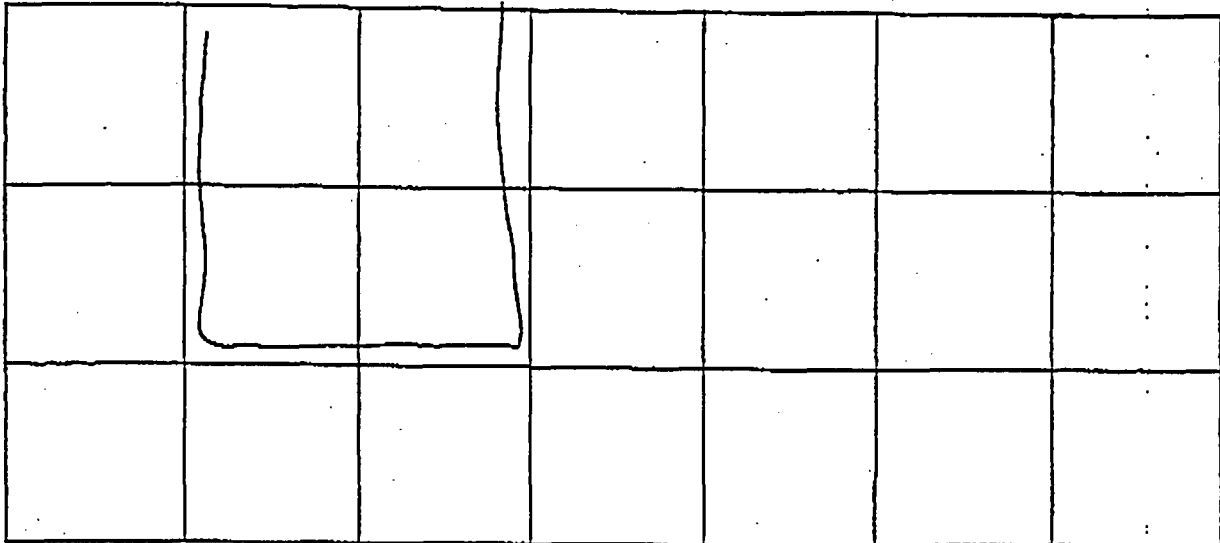
- photos on server

Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP1391 2 of 2
Site: Box 13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 2 FT.
DEPTH (FT) 4

NOTES:
Dark brown Sand, gravel damp
Uncovered metal grating at surface

No.:	Int. Ser. No.:	Depth (FL):	HD, SP, VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 84-85

ATTACHMENTS _____
SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYARCO AOC13

Well/Boring: TP1392

Date: 5-16-06

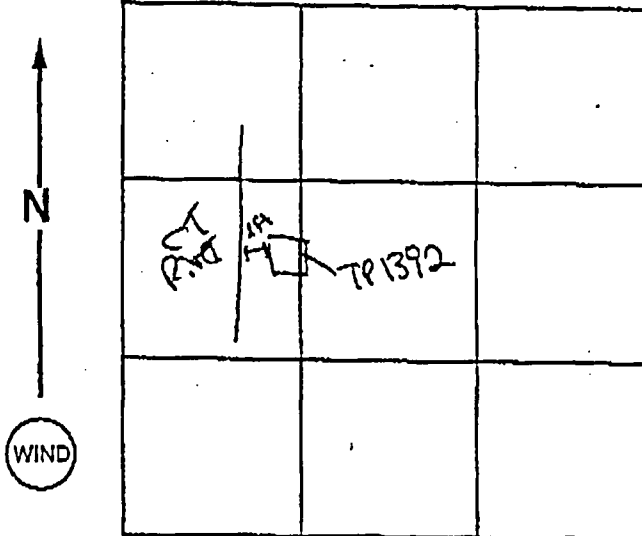
Time: 1050

End: 1100

Coordinates: X: 669707 Y: 235533

Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NCS FT.

NOTES:

55-gallon drum uncovered @
6 inches bgn. Very weathered, no
sign of release

Crew Members:

1. Miles van Norderen
2. Bob Wilkerson
3. Don Johnson
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter Y N
 Explosive Gas Y N N
 Avail. Oxygen Y N N
 OVA Y N
 Other: FID

Photographs, Roll: Digital

photos on server

Exposure: _____

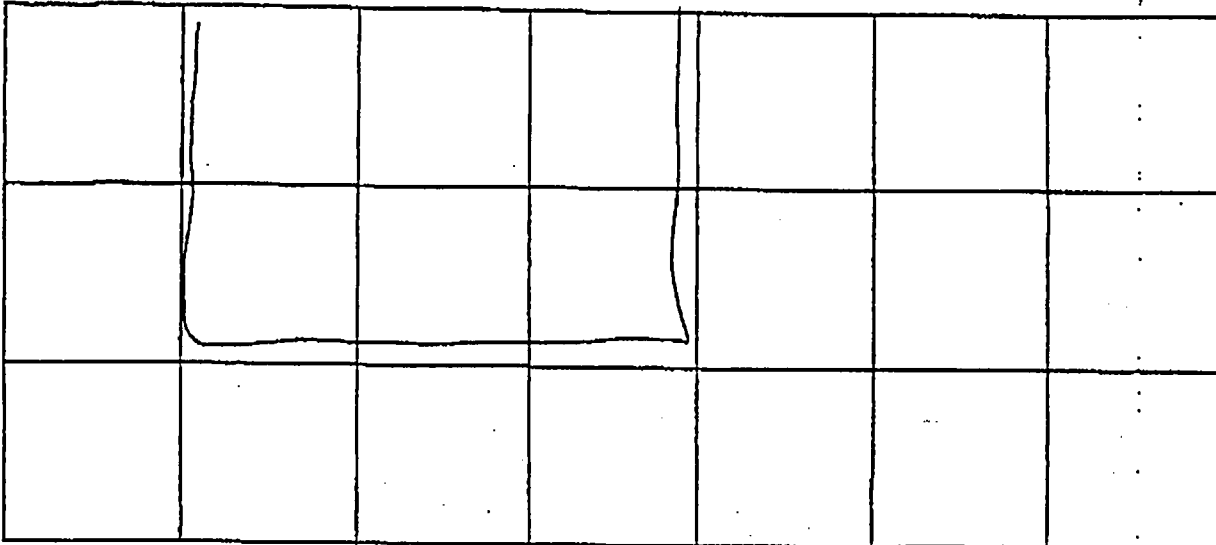
TEST PIT RECORD

Profile Along Test Pit: TP 1392

2 of 2

Site: AOC 13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 1 FT.
DEPTH (FT) 2

NOTES: Brown sand, gravel, damp

No.:	Int. Ser. No.:	Depth (FL):	HD. SP, VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 85

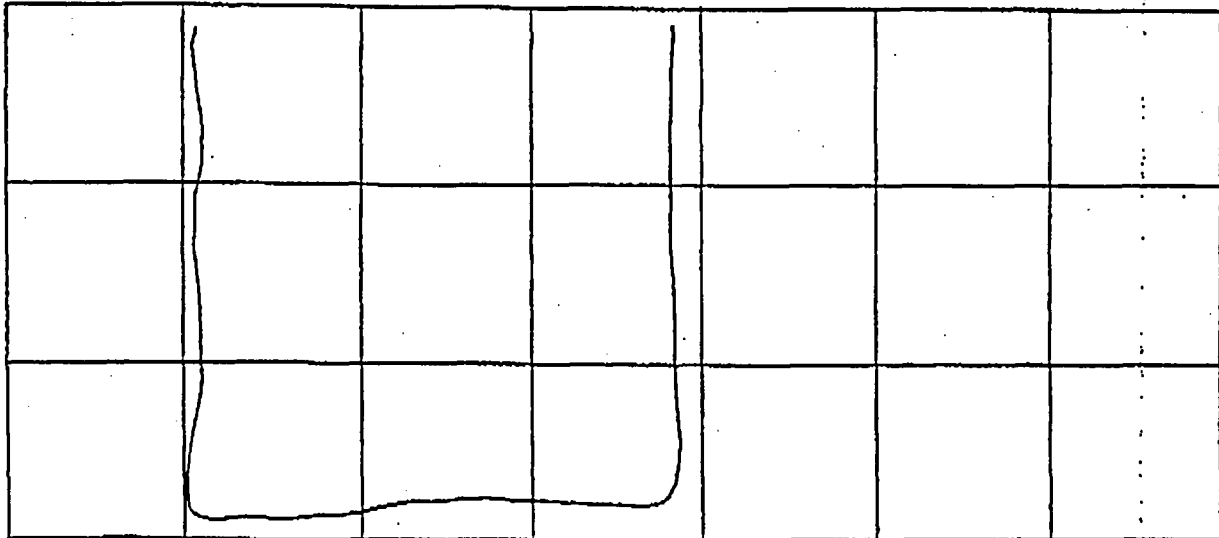
ATTACHMENTS —

SIGNATURE: [Signature]

TEST PIT RECORD

Profile Along Test Pit: TP 1393
 Site: AOC 13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 1 FT.
 DEPTH (FT) 3

NOTES: Bram sand, organics, gravel, wet

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4		N	
S-5		A	
S-6			
S-7			
S-8			

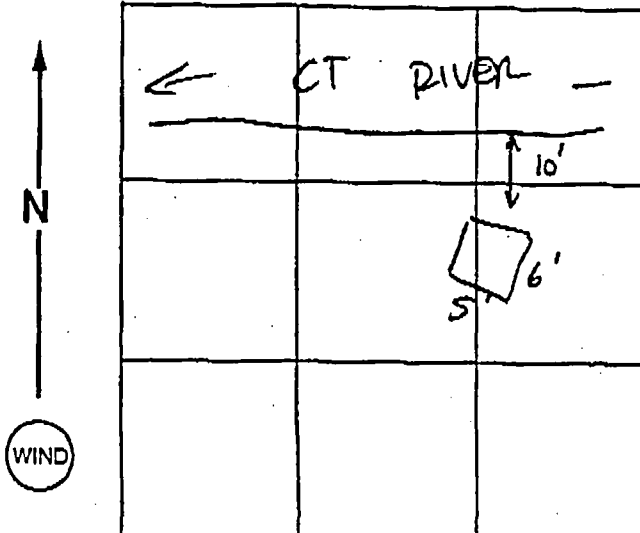
REFERENCE: FIELD BOOK, Pg. 85

ATTACHMENTS _____
 SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO - AOX 13 1 of 2
 Well/Boring: TP1394 (22) Date: 5.16.06 Time: 1300 End: 1340
 Coordinates: X-669366 Y-235692 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = MA FT.

NOTES: MINIMAL SURFACE METAL (ANGLE
IRON) OBSERVED. PIT EXCAVATED TO
3' DEGS WITH NO OBSERVED DEBRIS.
METAL WAS SET ASIDE AND SCANNED
BY HP (D. DOMINON). PIT WAS BACKFILLED
AFTER CLEANUP BY HP MAN NCR.

Crew Members:

1. E. SHEPARD
2. BOB WILDAUTH
3. DON RANSON
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter N
 Explosive Gas Y N
 Avail. Oxygen Y N
 OVA Y N
 Other: FID

Photographs, Roll: YES

2-DITUS

Exposure: DIGITAL

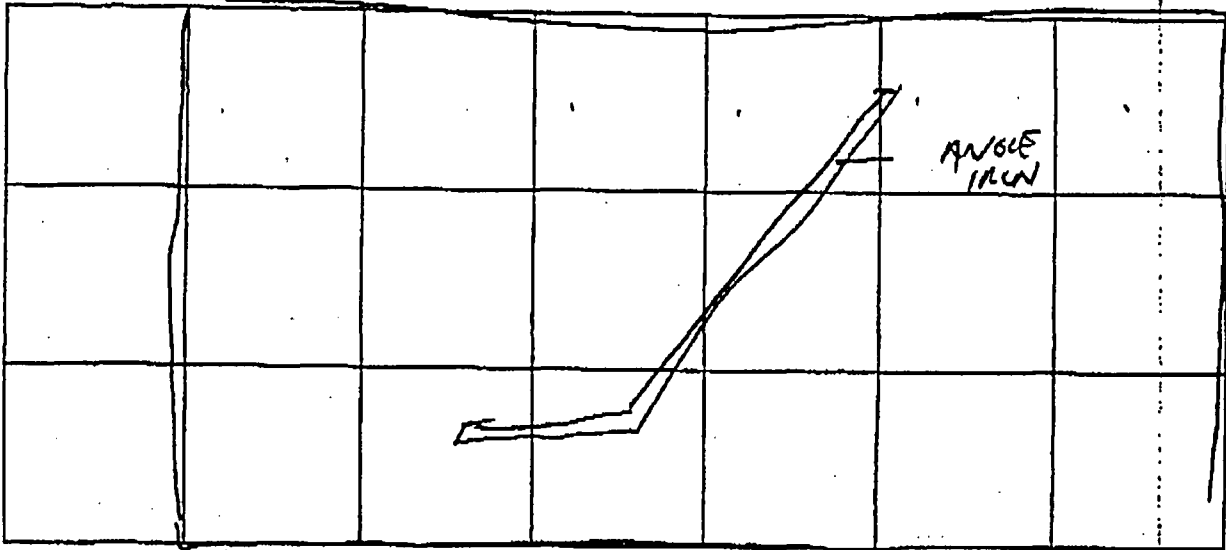
FIGURE B-1
 TEST PIT RECORD
 QUALITY ASSURANCE PROJECT PLAN
 CYAPCO HADDAM NECK PLANT
 HADDAM, CONNECTICUT

MACTEC, Inc.

TEST PIT RECORD

Profile Along Test Pit: TP 1394 (22) 2 of 2
 Site: CYAPCO - Arc 13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 1' FT.
 DEPTH (FT.) 3'

NOTES:

ANODE IRON ON SURFACE, NO
OTHER REPAIRS OBSERVED

No.:	Int. Ser. No.:	Depth (FT.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

NONE

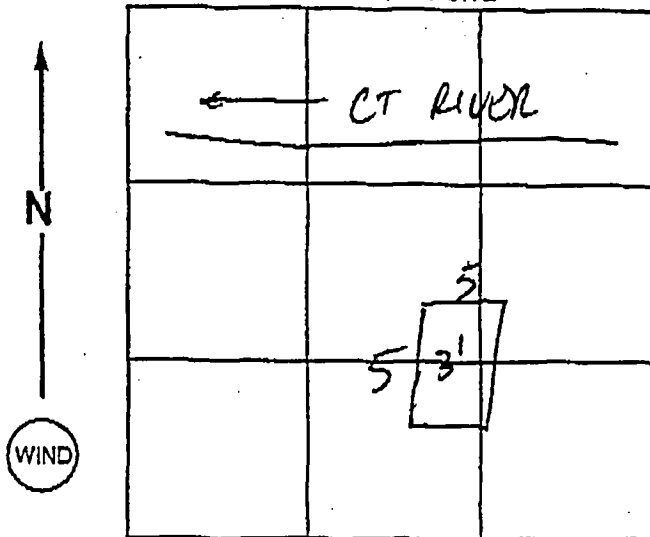
REFERENCE: FIELD BOOK, Pg. 85
 ATTACHMENTS N/A
 SIGNATURE: [Signature]

**FIGURE 9-1(CONT.)
 TEST PIT RECORD
 QUALITY ASSURANCE PROJECT PLAN
 CYAPCO HADDAM NECK PLANT
 HADDAM, CONNECTICUT**

TEST PIT RECORD

Site: CYAD 10 - A22 B 1 of 2
 Well/Boring: TP 1395 (YY) Date: 5.16.06 Time: 1350 End: 1410
 Coordinates: X-469225 Y-235747 Grid Element:

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NA FT.

NOTES: SURFACE OBSERVED METAL PIPE.
SOME WIRE / CABLE AND ANGLE IRON
OBSERVED AT 1'-2' DEPT. PIT EXCAVATED
TO 3' DEPT. NO OBSERVED DEBRIS.
DEBRIS WAS SET ASIDE AND SCANNED
BY HP (D. JOHNSON). PIT WAS CAREFULLY
AFTER CLEARANCE BY HP + RCH.

Crew Members:

1. E. SHORRICK
2. BOB WILDMUTH
3. D. JOHNSON
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Explosive Gas	<input type="checkbox"/>	<input type="checkbox"/>
Avail. Oxygen	<input type="checkbox"/>	<input type="checkbox"/>
OVA	<input type="checkbox"/>	<input type="checkbox"/>
Other: <u>FID</u>	<input type="checkbox"/>	<input type="checkbox"/>

Photographs, Roll: YES 2

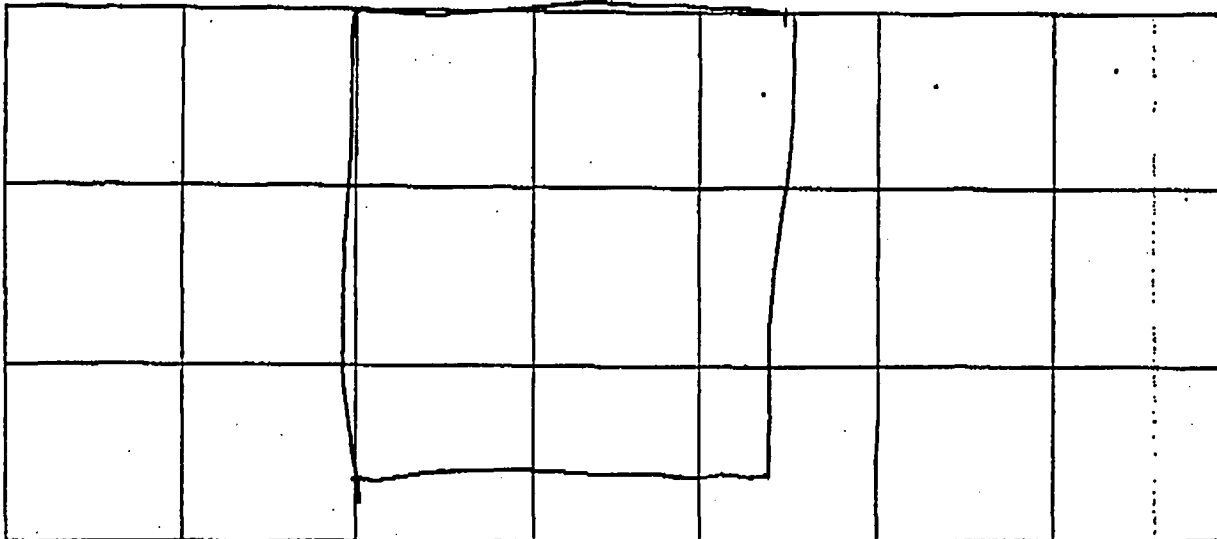
PHOTOS
 Exposure: 0.6, 1/125

FIGURE 9-1
 TEST PIT RECORD
 QUALITY ASSURANCE PROJECT PLAN
 CYAPCO HADDAM NECK PLANT
 HADDAM, CONNECTICUT
 MACTEC, Inc.

TEST PIT RECORD

Profile Along Test Pit: CYAPCO TP 1395 (41) 2 of 2
 Site: CYAPCO - ADC 13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 0.5 FT.
 DEPTH (FT) 3

NOTES:

METAL PIPE ON SURFACE. CABLE/WIRE
AND ANGLE ROD OF SECTION AT 1.2' BSS

No.:	Int. Ser. No.:	Depth (Fl.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 86

ATTACHMENTS 4/1

SIGNATURE: [Signature]

FIGURE 9-1(CONT.)
 TEST PIT RECORD
 QUALITY ASSURANCE PROJECT PLAN
 CYAPCO HADDAM NECK PLANT
 HADDAM, CONNECTICUT

MACTEC, Inc.

TEST PIT RECORD

Site: CYAPLD AOCB

1 of 2

Well/Boring: TP1396

Date: 5-12-06

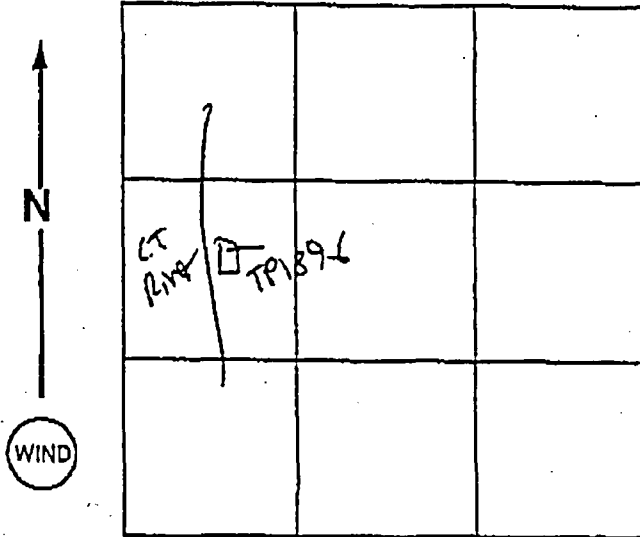
Time: 0800

End: 0820

Coordinates: X: 669435 Y: 235624

Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = 255 FT.

NOTES:

Uncovered 2 55-gallon drums +
several large pieces of concrete.
One drum contained cement, which
was broken up and scanned for
radiological constituents - clean

Crew Members:

1. Miles van Nardeneen
2. Bob Wildamuth
3. Dan Johnson
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter Y N
 Explosive Gas Y N
 Avail. Oxygen Y N
 OVA Y N
 Other: FID

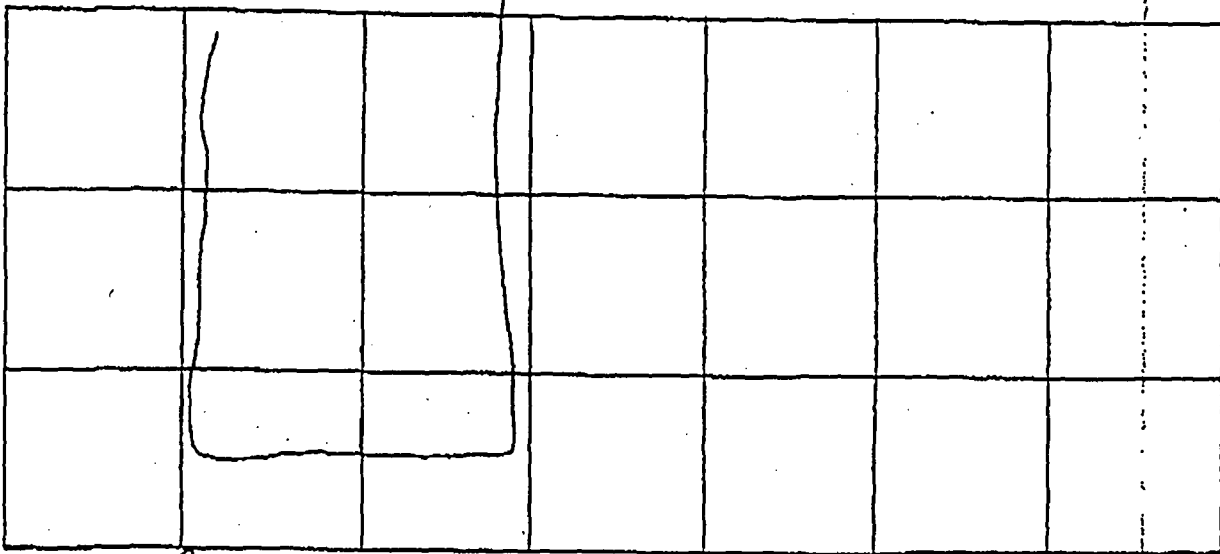
Photographs, Roll: Digital
photos or save

Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 1396 2 of 2
 Site: Doc 17

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 2 FT.
 DEPTH (FT) 5

NOTES: Brown silty sand, gravel, wet

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

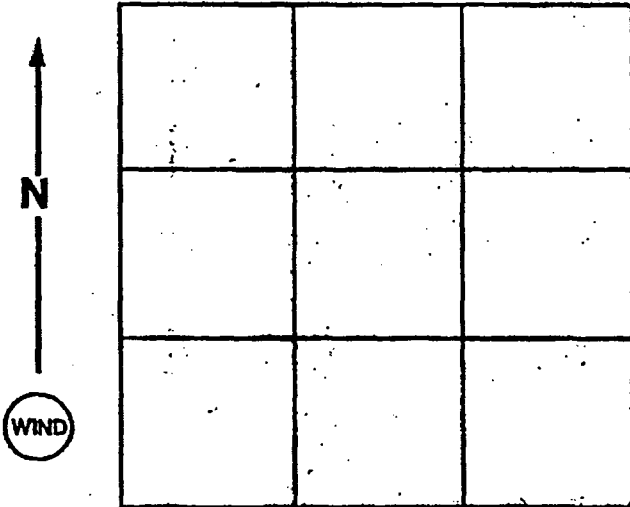
REFERENCE: FIELD BOOK, Pg. 87

ATTACHMENTS _____
 SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO HUC 13
Well/Boring: TP 1397 Date: 5.17.06 Time: _____ End: _____
Coordinates: N. 235574.65 E. 669605.316 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: Area excavated, test pit
not completed due to pending AEM
Removal

Crew Members:

- 1. Mrs Van Nostrand
- 2. Bob Wildorich
- 3. Don Johnson
- 4. _____
- 5. _____
- 6. _____

Monitor Equipment:

PI Meter _____
Explosive Gas _____
Avail. Oxygen _____
OVA _____
Other: FD

9 N
9 N
9 N
9 N

Photographs, Roll: MAROL
DRIVE

Exposure: _____

FIGURE 9-1
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

MACTEC, Inc.

TEST PIT RECORD

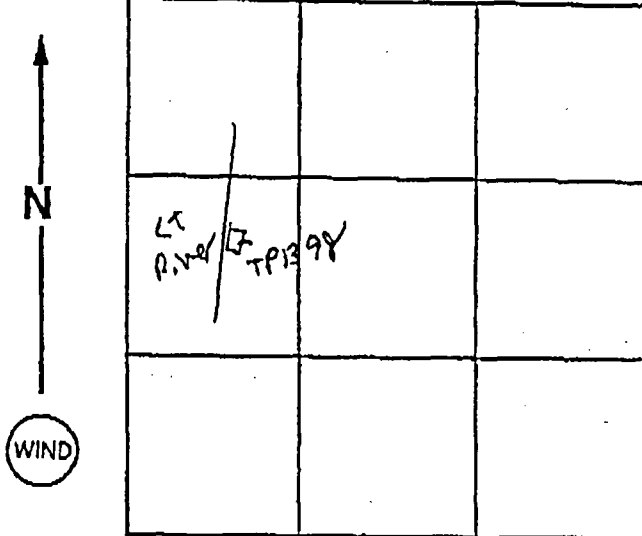
Site: CYAPLO AOC B

1 of 2

Well/Boring: TP 1398 Date: 5-17-06 Time: 1030 End: 1100

Coordinates: X: 669726 Y: 235515 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: Nothing uncovered at TP 1398 -
Scrap metal on shore nearby removed

Crew Members:

1. Miles van der Borden
2. Bob Wilkmanuth
3. Don Johnson
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter N
 Explosive Gas Y N
 Avail. Oxygen Y N
 OVA Y N
 Other: PID

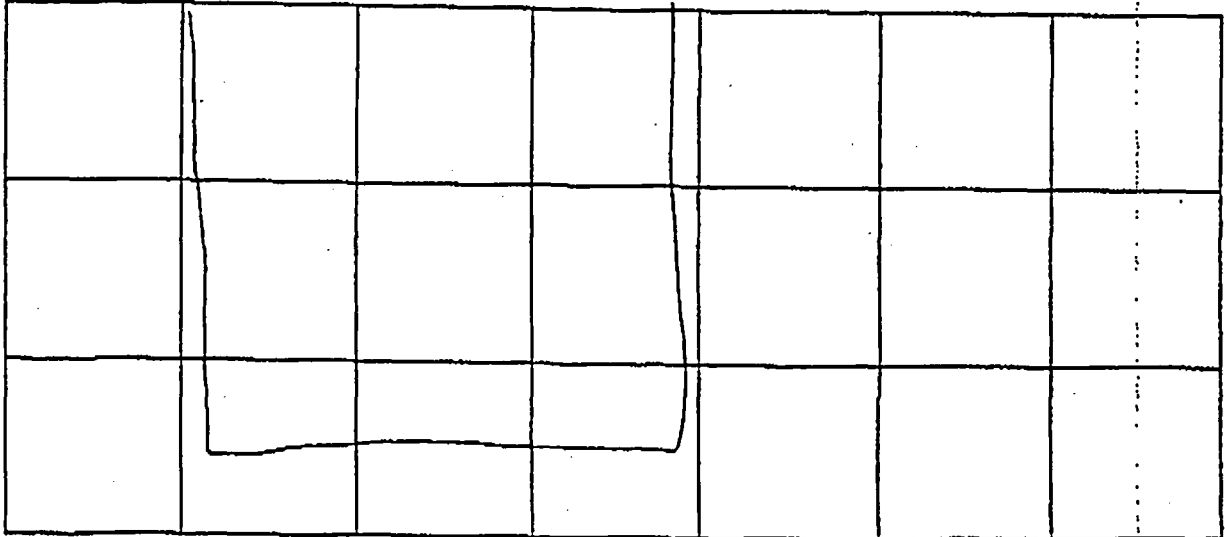
Photographs, Roll: Digital
photos on server
 Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 1398
Site: AOC 13

2 of 2

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 4 FT.
DEPTH (FT.) 10

NOTES: Brown sand, organics, damp

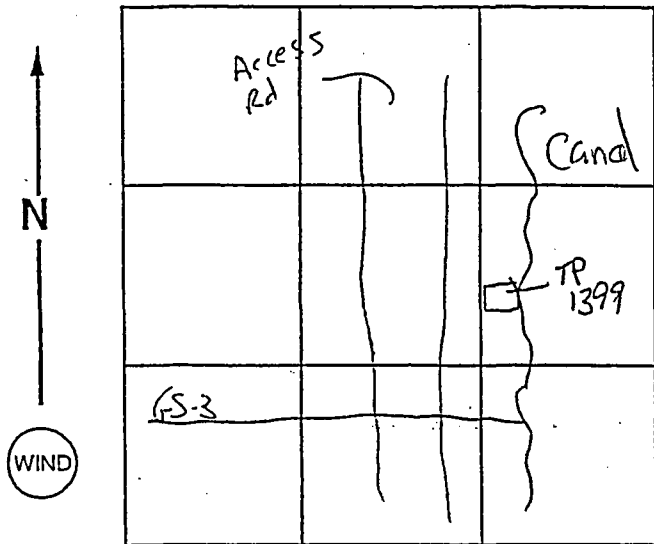
No.:	Int. Ser. No.:	Depth (Ft):	HD, SP, VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 85
ATTACHMENTS —
SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO AOC 13
 Well/Boring: TP 1399 Date: 5-17-06 Time: 1110 End: 1135
 Coordinates: X: 670005.402 Y: 235656.630 Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = 175 FT.

NOTES: Removed copper piping conduit, concrete footing (to old Chemistry footbridge)

Crew Members:

1. Miles van Noorden
2. Tim Murray
3. Bob Wildamuth
4. Stan Don Johnson
5. _____
6. _____

Monitor Equipment:

PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	Y	N
Avail. Oxygen	Y	N
OVA	Y	N
Other: <u>FID</u>		

Photographs, Roll: Photos on MACTEC drive
 Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 1399

Site: Acc 13

SKETCH MAP OF TEST PIT PROFILE

	0-4 ft	Brown sand, organics, dry, no odor				
	4-6 ft	Dark brown sandy silt, organics, wet (below water)				

SCALE 1" = 2 FT.
DEPTH (FT) 6

NOTES:

Removed copper conduit piping,
concrete footing (from old Chemistry
Footbridge)

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 88-89

ATTACHMENTS —

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CVAPLD AOC13

1 of 2

Well/Boring: TP13100

Date: 5-17-06

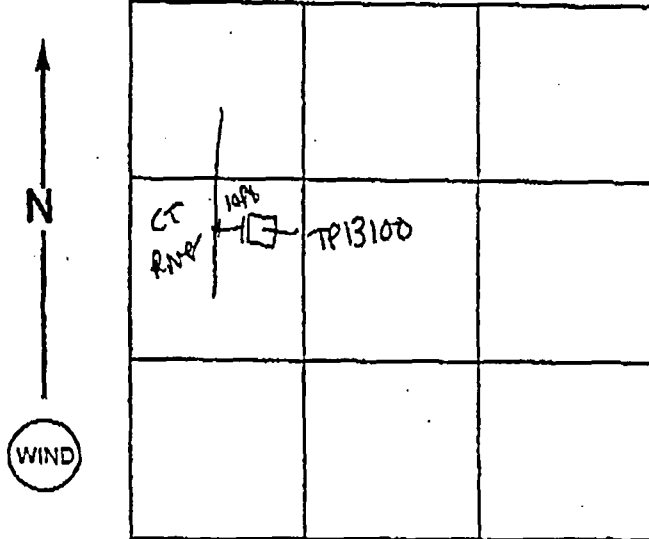
Time: 1300

End: 1320

Coordinates: X: 020108 Y: 235429

Grid Element:

SKETCH MAP OF TEST PIT SITE



SCALE 1" = 100 FT.

NOTES:

Uncovered 1ft piece of 3ft corrugated pipe

Crew Members:

1. Miles Van Noodennen
2. Bob Wildamuth
3. Don Johnson
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter Y N
 Explosive Gas Y N N
 Avail. Oxygen Y N N
 OVA Y N
 Other: FID Y N

Photographs, Roll: Digital

photos on server

Exposure: _____

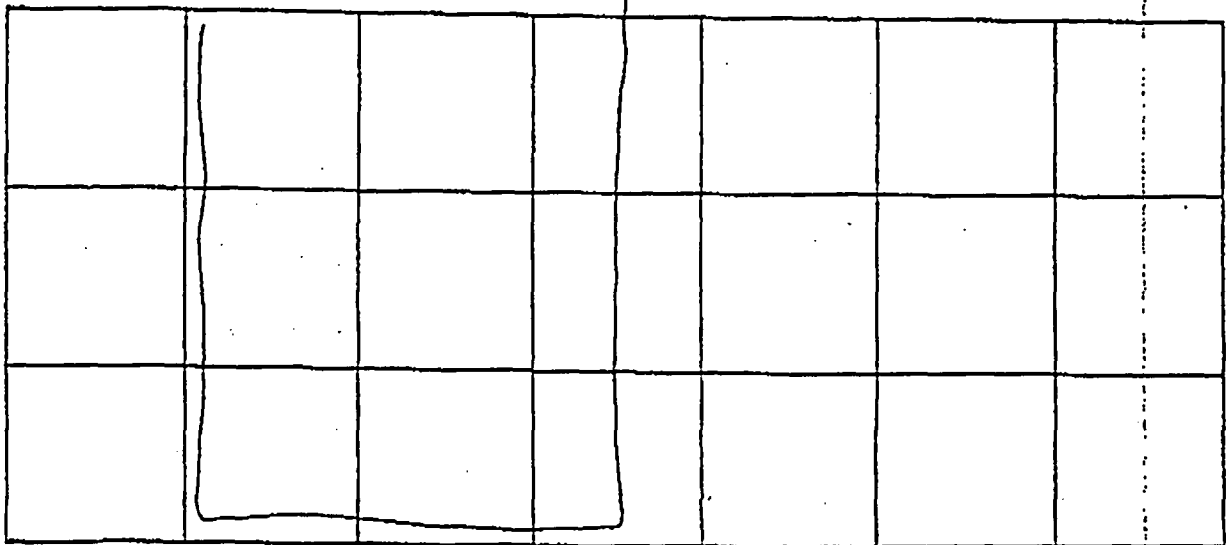
TEST PIT RECORD

Profile Along Test Pit: TP B.100

2 of 2

Site: AOLB

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 1 FT.
DEPTH (FT) 3

NOTES:

Brown base. Sandy, dry

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 89

ATTACHMENTS _____
SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPLO Box 13

1 of 2

Well/Boring: TP 13101

Date: 5-17-06

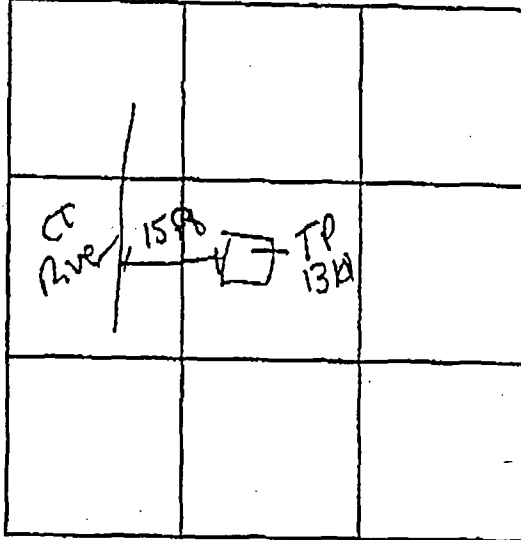
Time: 1330

End: 1350

Coordinates: X: 620473 Y: 235273

Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = 125 FT.

NOTES:

Nothing uncovered

Crew Members:

1. Milos van Norderman
2. Bob Wildamuth
3. Don Johnson
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter	<u>Q</u>	N
Explosive Gas	Y	N
Avail. Oxygen	Y	N
OVA	Y	N
Other: <u>PM</u>	Y	N

Photographs, Roll: Digital
photos on sewer

Exposure: _____

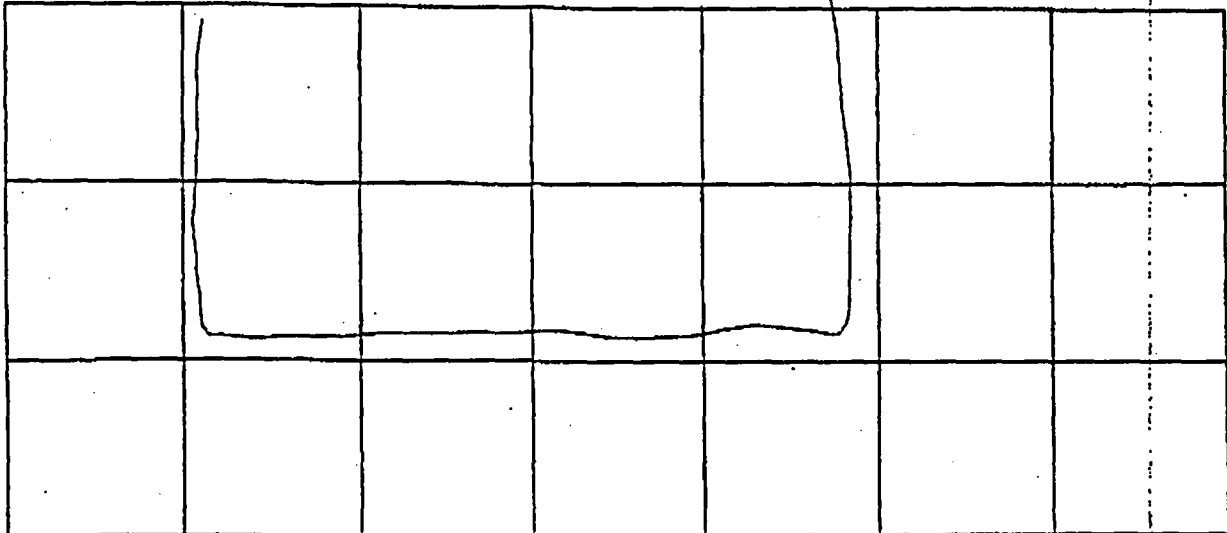
TEST PIT RECORD

2 of 2

Profile Along Test Pit: TP 1310

Site: AOC13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 2 FT.
DEPTH (FT) 4

NOTES:

Brown silty sand, organics,
Dry.

No.:	Int. Ser. No.:	Depth (Fl.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

Note: A diagonal line is drawn across the table from the bottom-left to the top-right. The letters 'N' and 'A' are written in the middle of the table.

REFERENCE: FIELD BOOK, Pg. 89

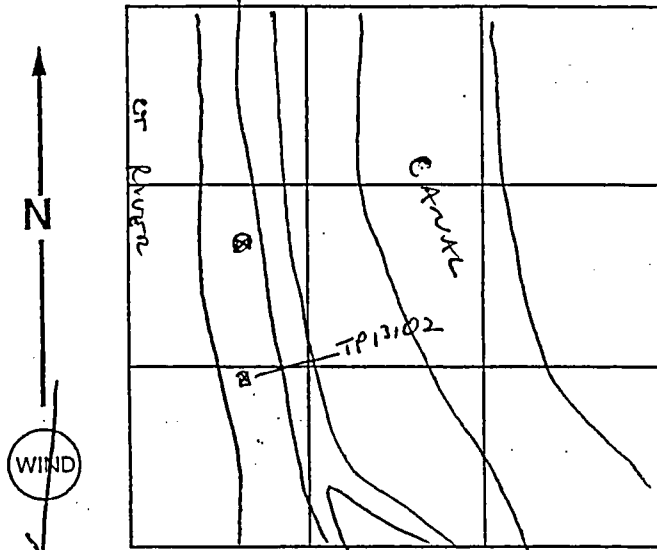
ATTACHMENTS _____

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO
 Well/Boring: TP13102 (CCCC) Date: 5/22/06 Time: 1345 End: 1555
 Coordinates: X: 669815 , Y: 235579 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = mts FT.

NOTES: _____

- Crew Members:
1. WOLF CALICCHIO
 2. RUSTY ROKBACH
 3. BOB WILDERMUTH
 4. JOHN DEGOSTIN
 5. DON JOHNSON

6. FRANK LACAPRUCIA
7. SHAWN MENARD

Monitor Equipment:
 PI Meter Y
 Explosive Gas Y
 Avail. Oxygen Y
 OVA Y
 Other: FID N

Photographs, Roll: Digital
downloaded to TP13102
 Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: _____

TP 13102

Site: _____

CYAPCO

SKETCH MAP OF TEST PIT PROFILE

0	Brown, gravelly soils, clean gravels, poorly graded, soft, dry, non-plastic, no-odor.					
1	Dark brown, sandy soils, sands with fines, poorly graded, soft, dry, non-plastic, no-odor.					
3						
5						
6						
9						

SCALE 1" = 3 FT.
DEPTH (FT.) 5

NOTES: 0-1' bgs metal strapping.
1'-3' bgs Intact, "store pipe" drum with concrete. Surface RAD scan OK. Attempted to split drum with excavator. Elevated RAD within "store pipe" of drum.
RAD sample of soil from within "store pipe" collected. Elevated cesium readings.
3'-5' bgs welding rods and asbestos unearthed. RAD around rods ~ 20K.
Reddish soil from excavation collected for second RAD sample. DRUM placed in BSFR inter-model. PID/FID 1ppm.
Excavation covered with plastic and perimeter taped and labeled. No RCRA samples.

No.:	Int. Ser. No.:	Depth (FT):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 95 and 96

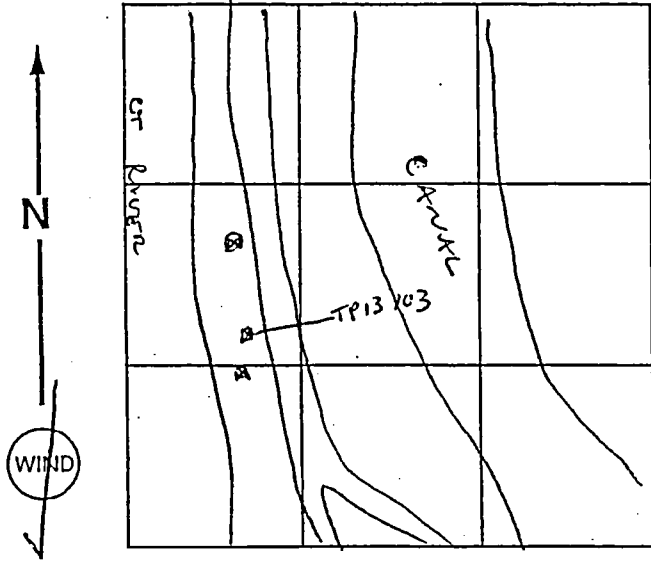
ATTACHMENTS NA

SIGNATURE: _____

TEST PIT RECORD

Site: CYAPCO
Well/Boring: TP13103 (000) Date: 5/23/06 Time: 0815 End: —
Coordinates: X: 669562 , Y: 235654 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = nts FT.

NOTES: _____

Crew Members:

1. WOLF CALICCHIO
2. RUSTY ROHKBACH
3. BOB WILDERMUTH
4. JOAN DEGOSTIN
5. DON JOHNSON
6. FRANK LACAPRETTA
7. SHAWN MENARD

Monitor Equipment:

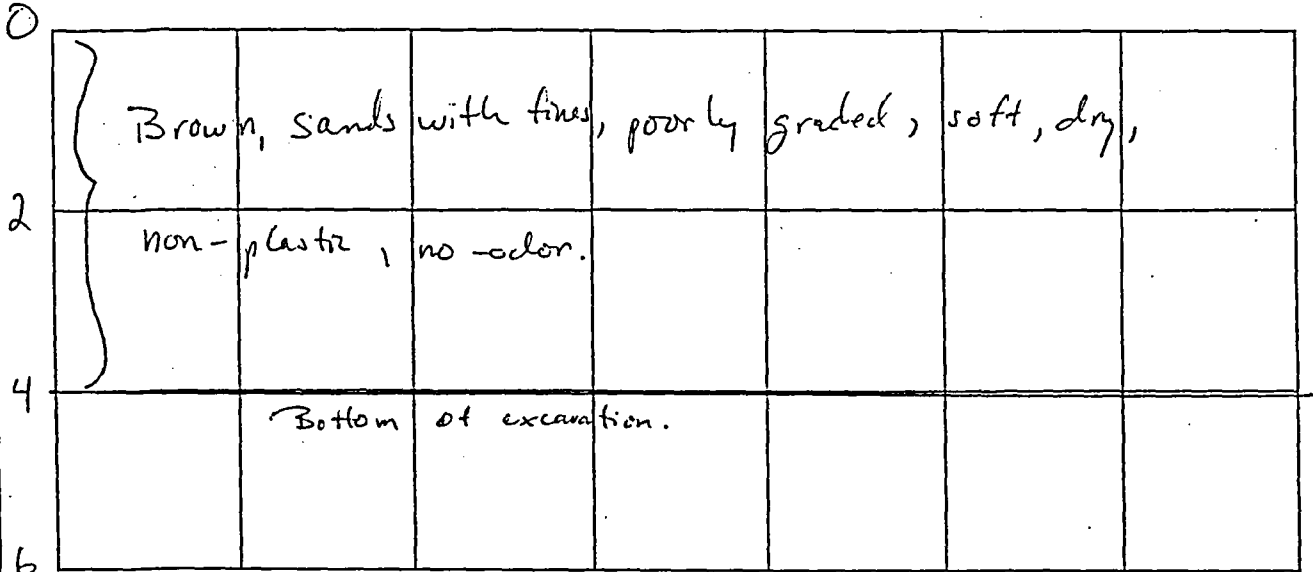
PI Meter Y
Explosive Gas Y
Avail. Oxygen Y
OVA Y
Other: FID N

Photographs, Roll: Digital
downloaded to TP13103
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP13103
 Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 2 FT.
 DEPTH (FT) 4

NOTES: 0-4' bgs various pieces of rebar,
conduit, strapping, plate and wire. Granite
tile and MEG ACM.
Excavation halted due to ACM.
PLD / FID < 1 ppmv.
RAD scan OK, RAD sample collected.
No RFA sample.
E+clusion zone around excavation
created with tape.

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 97

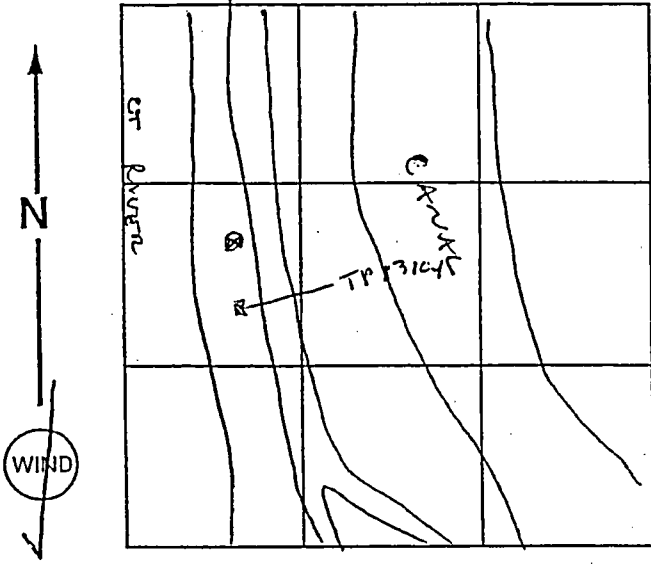
ATTACHMENTS NA

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO
Well/Boring: TP13104 (PPP) Date: 5/23/06 Time: 1025 End: 1420
Coordinates: X: 669513 , Y: 235674 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = nts FT.

NOTES: _____

- Crew Members:
1. WOLF CALICCHIO
 2. RUSTY ROKBACH
 3. BOB WILDERMUTH
 4. JOHN DEGOSTIN
 5. DON JOHNSON

6. FRANK LACAPRUCIA
7. SHAWN MENARD

Monitor Equipment:

PI Meter	Y	<input checked="" type="checkbox"/>
Explosive Gas	Y	<input checked="" type="checkbox"/>
Avail. Oxygen	Y	<input checked="" type="checkbox"/>
OVA	Y	<input checked="" type="checkbox"/>
Other: <u>FID</u>		<input checked="" type="checkbox"/> N

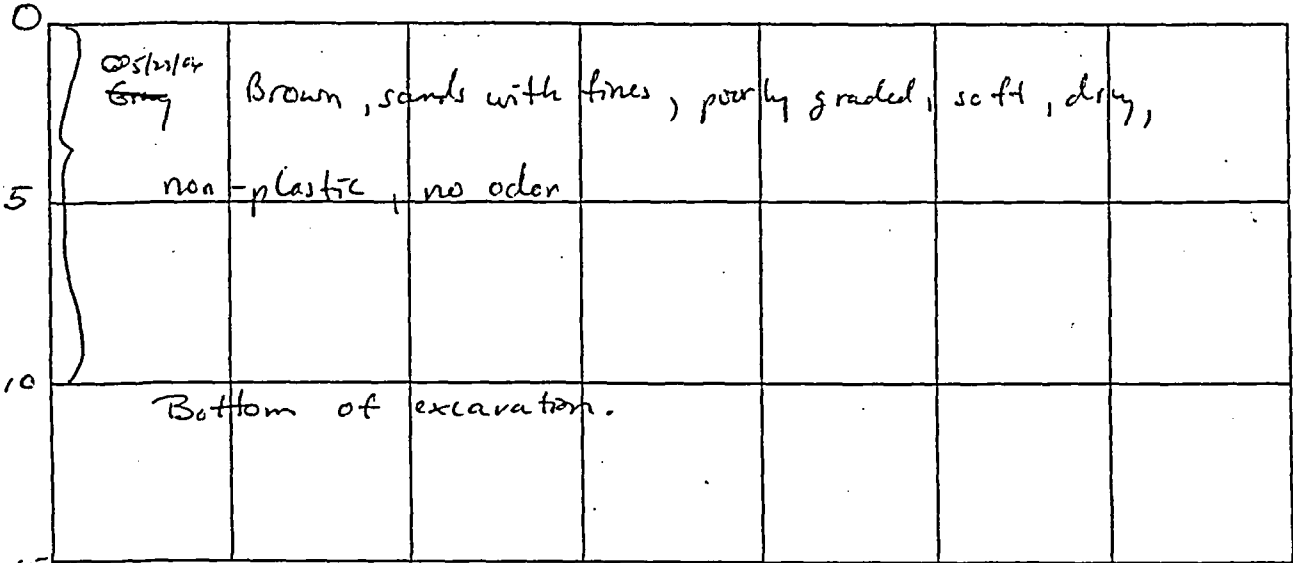
Photographs, Roll: Digital
downloaded to TP13104
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 13104

Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
DEPTH (FT.) 10

NOTES: 0-0.5' by 6" piece of iron.
0.5'-10' by 5-crushed 55 gallon drums; 6 lengths of steel cable; various pieces of metal strapping.
PbD / FeD < 1ppm, no visible signs of asbestos, RAD scan OK, RAD sample collected.
No RURA samples.
OK to backfill.

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 97-99

ATTACHMENTS NA

SIGNATURE: [Signature]

TEST PIT RECORD

Profile Along Test Pit: TP 13105
 Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE

0	Brown, sands with fines, poorly graded, soft,					
5	dry, non-plastic, no-odor.					
10	Bottom of excavation.					
15						

SCALE 1" = 5 FT.
 DEPTH (FT.) 10

NOTES: 0-2' bgs crushed, partial 55 gallon drum and 8' length rebar.
2'-4' bgs welding rods, 3'x5' piece of galbestos siding. Consult with Shawn Mendel, single piece of non-friable ACM can be removed, excavation continued.
Four lengths of electrical cable buried in place at 6' bgs. Chased cable for 10' to the west. OK to leave cable in place Tim Murray. PID/FID < 2ppmv, galbestos piece (2) removed, no visible signs of friable asbestos, RAD scans OK, RAD sample collected.
OK to backfill.

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 98-99

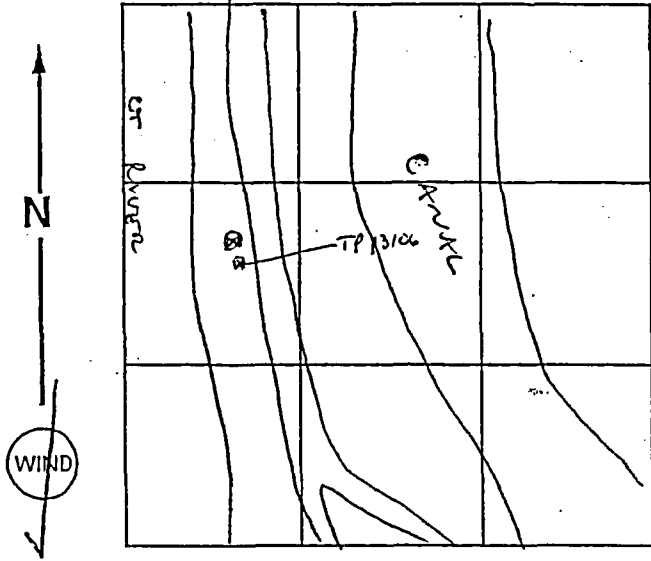
ATTACHMENTS NA

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO
Well/Boring: TP13106 (RRR) Date: 5/23/06 Time: 1420 End: —
Coordinates: X: 669494 Y: 235714 Grid Element:

SKETCH MAP OF TEST PIT SITE



SCALE 1" = nts FT.

NOTES: _____

- Crew Members:
1. WOLF CALICCHIO
 2. RUSTY RONKACH
 3. BOB WILDERMUTH
 4. JOHN DEGOSTIN
 5. DON JOHNSON

6. FRANK LACAPUCCIA
7. SHAWN MENARD

Monitor Equipment:
PI Meter Y
Explosive Gas Y
Avail. Oxygen Y
OVA Y
Other: FID N

Photographs, Roll: Digital
downloaded to TP1310
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP13106

Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE

0	Brown, coarse gravel with fines, poorly graded, soft, dry, non-plastic, no-odor.				
5	Bottom of excavation				
10					
15					

SCALE 1" = 5 FT.
DEPTH (FT.) 5

NOTES: 0-4' bgs drum lid and piece of transite unearthed and removed.
4'-5' bgs numerous pieces of scrap metal and friable asbestos. Excavation halted due to ACM. PID/FID upper, RAD scan OK, RAD sample collected.
No PERA samples. Exclusion zone taped off around TP13106 due to ACM.

No.:	Int. Ser. No.:	Depth (Fl):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 99

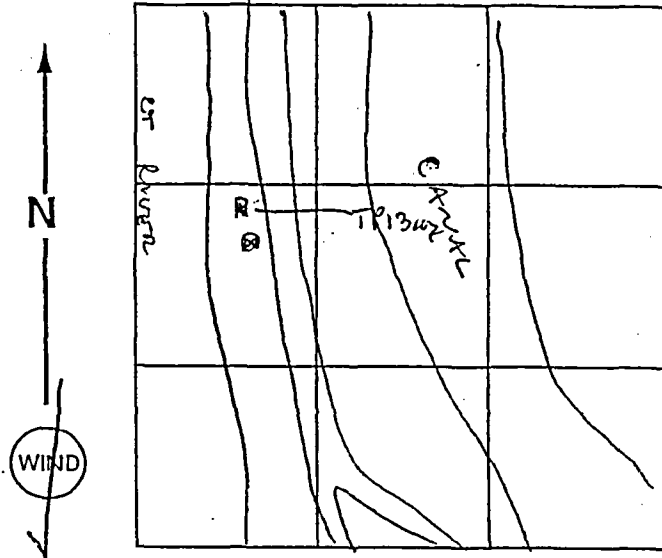
ATTACHMENTS NA

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO
Well/Boring: TP13107 (TT) Date: 5/23/06 Time: 1450 End: —
Coordinates: X: 669369, Y: 235775 Grid Element:

SKETCH MAP OF TEST PIT SITE



SCALE 1" = mts FT.

NOTES: _____

Crew Members:

1. WOLF CALICCHIO
2. RUSTY ROKBACH
3. BOB WILDERMUTH
4. JOHN DEGOSTIN
5. DON JOHNSON
6. FRANK LACAPRUCIA
7. SHAWN MENARD

Monitor Equipment:

PI Meter Y

Explosive Gas Y

Avail. Oxygen Y

OVA Y N

Other: FID N

Photographs, Roll: Digital
downloaded to TP13107
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 13107
 Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE

0	} brown Coarse gravel with fines, poorly graded, non-plastic, soft, dry, no-odors					
5		} brown Sand with fines, poorly graded, soft, dry, non-plastic, no-odors.				
10						
15						

SCALE 1" = 5 FT.
 DEPTH (FT.) 10'

NOTES: 0-2' bgs rebar, piece of asbestos wrap and 1"x1" piece of friable ACM.
2'-5' bgs whole 55 gallon drum with concrete (stonepipe drum).
5'-10' bgs crushed 55 gallon drum, conduit, sheet metal, cable, chain link fence, rebar strapping.
Excavation 10'w x 20'L x 10'D. Excavation halted due to visible metal at 5' bgs in all four walls. Exclusion zone taped off around excavation. P10/FID 4ppm, RAD OK, RAD sample collected.
No RCRA samples.

No.:	Int. Ser. No.:	Depth (Ft):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 99-100

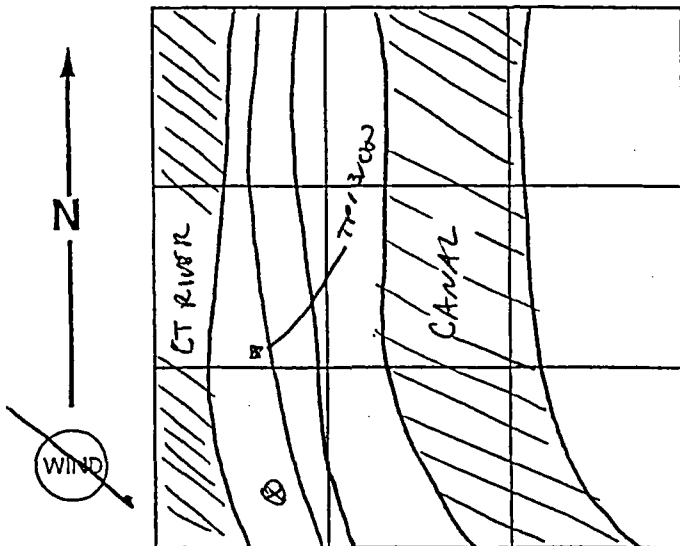
ATTACHMENTS NA

SIGNATURE: _____

TEST PIT RECORD

Site: CYAPCO
Well/Boring: TP 13108 (UUU) Date: 5/24/06 Time: 0937 End: 1037
Coordinates: X: 609150 Y: 235910 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = nds FT.

NOTES: _____

Crew Members:

- 1. WOLF CAUICCHIO
- 2. FRANK LACAPRUCCIA
- 3. RUSTY KOHRBACH
- 4. IRENE DEIORA
- 5. JOHN DEGUIN
- 6. SHAWN MENARD

Monitor Equipment:

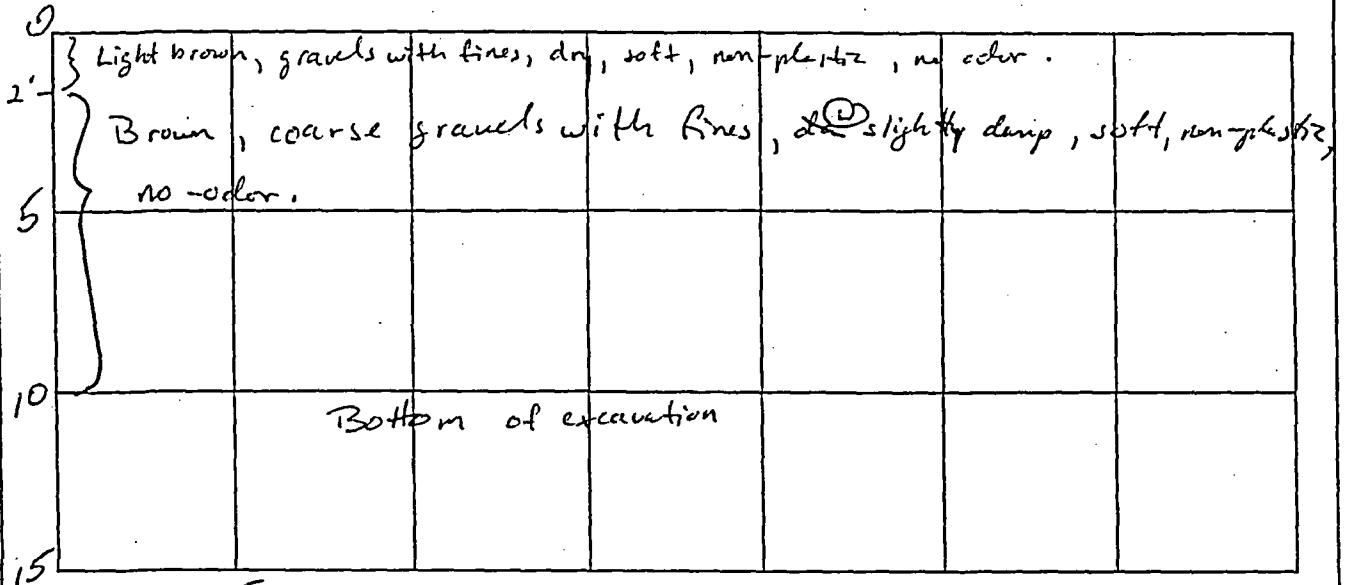
PI Meter Y N
Explosive Gas Y N
Avail. Oxygen Y N
OVA Y N
Other: FD

Photographs, Roll: Digital downloaded to TP13108
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP13108
 Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
 DEPTH (FT) = 10

NOTES:

0-8' bgs unearthed two small pieces of galvanized siding, drum lid, rebar, strapping, 8" pipe cut off, diamond plate, wire.

P10/F10 = 1 ppm V, LAD OK.

No RRA samples.

OK to back f-11

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 101-102

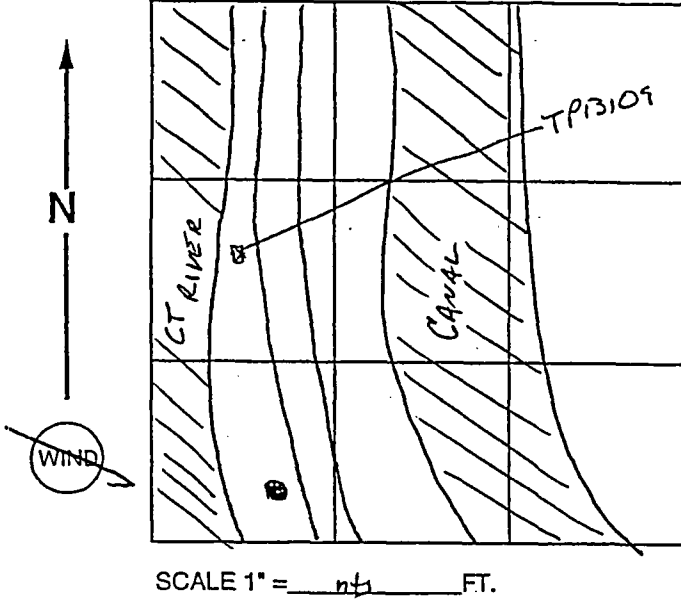
ATTACHMENTS NA

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO 1 of 2
Well/Boring: TP13109 (KXX) Date: 5/24/06 Time: 1039 End: 1112
Coordinates: X: 668974, Y: 235903 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



Crew Members:

1. WOLF CARICCHIO
2. FRANK LACAPRUCIA
3. RUSTY ROHRBACH
4. IRENE DZIUBA
5. JOHN DEUSTIN
6. SHAWN MENARD

Monitor Equipment:

PI Meter _____
Explosive Gas Y (Y)
Avail. Oxygen Y (Y)
OVA Y (Y)
Other: FID (Y) N

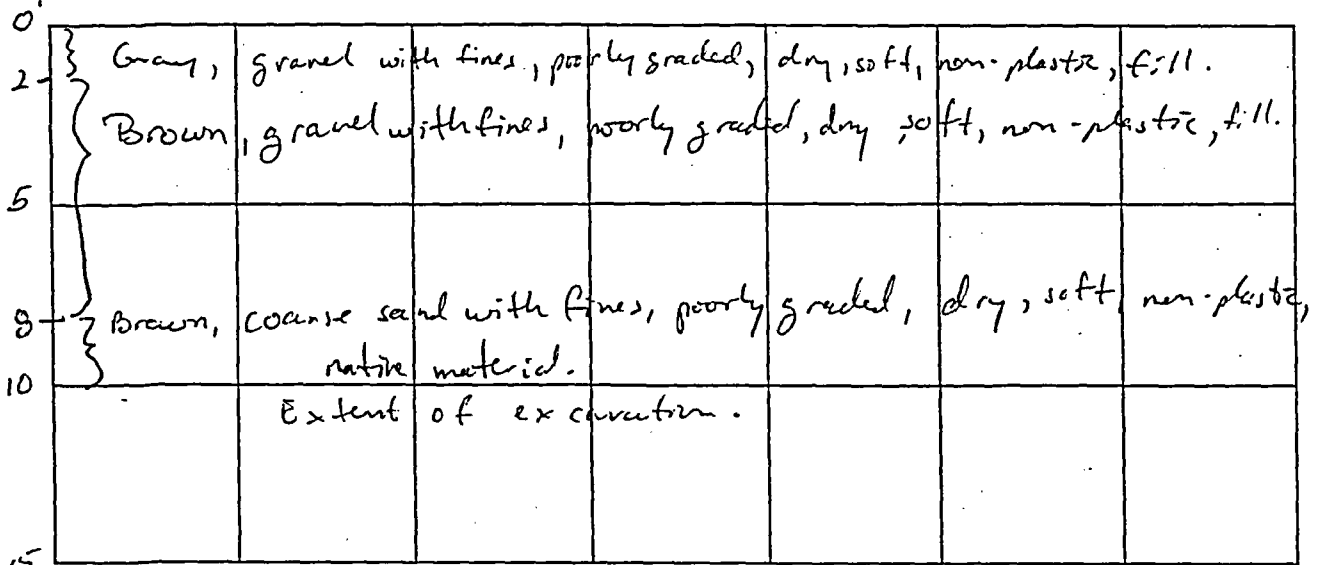
NOTES: _____

Photographs, Roll: Digital downloaded
to TP13109.
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP13109
 Site: CYRICO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
 DEPTH (FT.) 10

NOTES: 0-3' by partial 55 gallon drum,
electrical cable.
P10 / P20 < 1 ppm.
RAD OK.
No visible asbestos.
No RCRA samples.
OK to back fill.

No.:	Int. Ser. No.:	Depth (FT):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27/02

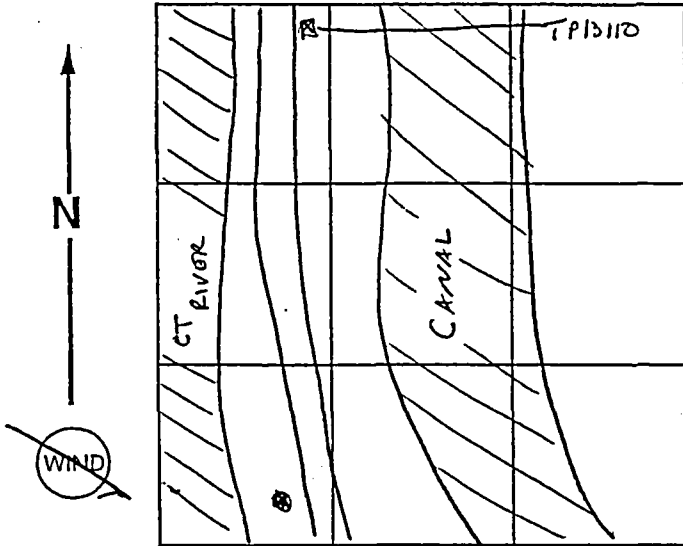
ATTACHMENTS NA

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO 1 of 2
Well/Boring: TP 13110 (ZZZ) Date: 5/24/06 Time: 1115 End: 1150
Coordinates: X: 668816, Y: 236042 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = 20 FT.

NOTES: _____

- Crew Members:
- Wolf Calicchio
 - Rusty Rothbach
 - Irene Pzioba
 - Joan Degustin
 - Shawn Menard
 - _____

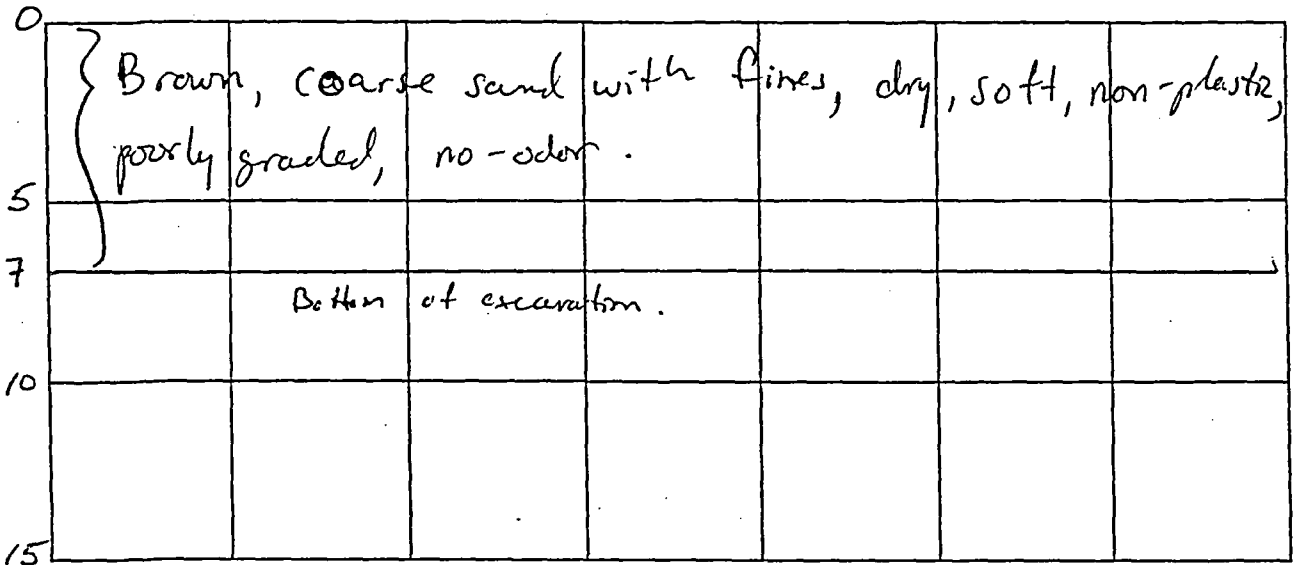
Monitor Equipment:
PI Meter Y N
Explosive Gas Y N
Avail. Oxygen Y N
OVA Y N
Other: FW

Photographs, Roll: Digital
downloaded to
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP13110
 Site: CRAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
 DEPTH (FT.) 7

NOTES: 0-3' bgs half of a manhole
cover unearthed.
PIP / FID 1 ppmv, no visible asbestos,
RAD OK.
No RCRA samples.
OK to backfill.

No.:	Int. Ser. No.:	Depth (Ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 102

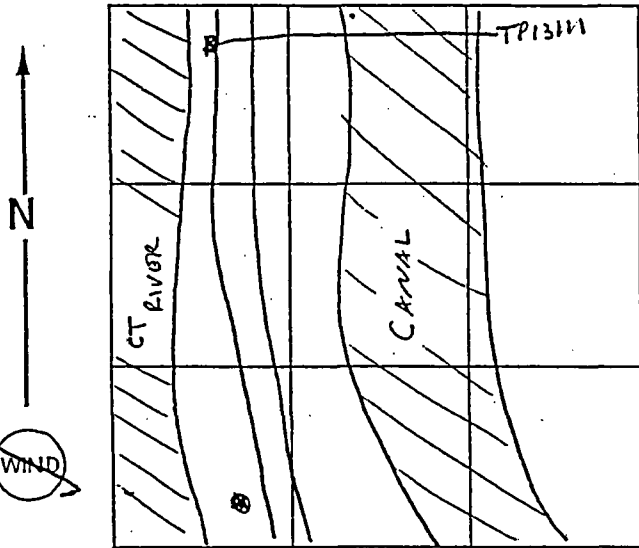
ATTACHMENTS n/a

SIGNATURE: [Handwritten Signature]

TEST PIT RECORD

Site: CYAPCO 1 of 2
 Well/Boring: TP 13111 (AAAA) Date: 5/24/06 Time: 1240 End: 1328
 Coordinates: X: 648771, Y: 235975 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = 10 FT.

NOTES: _____

Crew Members:

1. WOLF CALICCHIO
2. RUSTY ROHRBACH
3. IRENE PRIORA
4. JOAN DEGUSTIN
5. SHAWN MENARD
6. _____

Monitor Equipment:

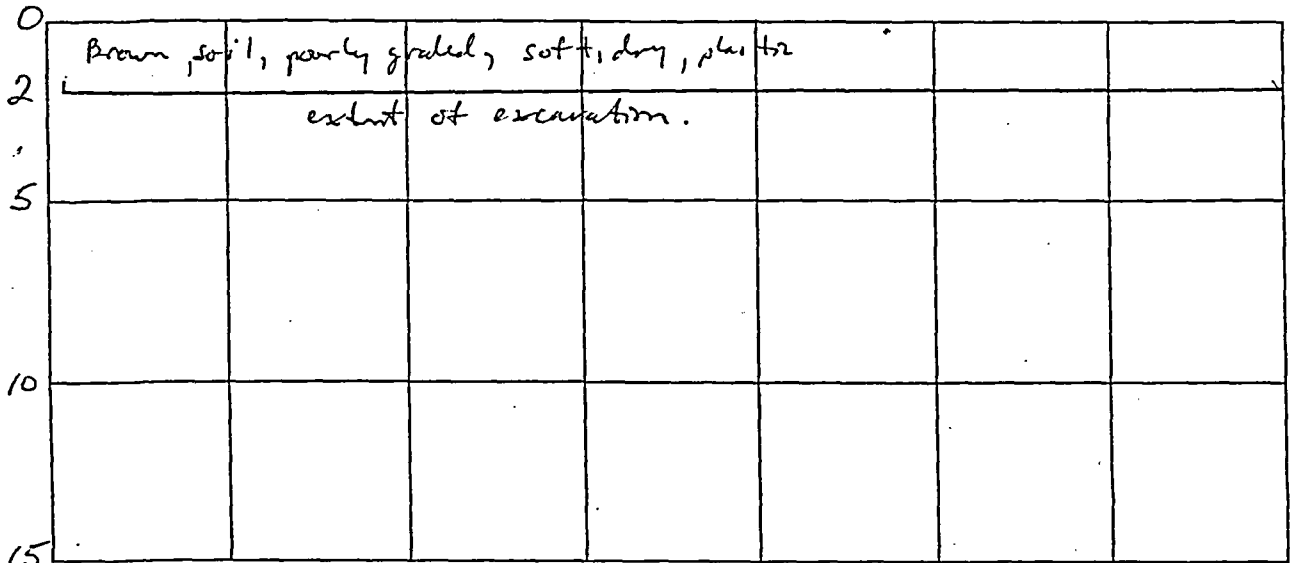
PI Meter Y
 Explosive Gas Y
 Avail. Oxygen Y
 OVA Y
 Other: PRO Y N

Photographs, Roll: Digital
downloaded to TP13111
 Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP13111
 Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
 DEPTH (FT) 2

NOTES: Rebar visible along top surface.
P10, F10 ~ 1 ppm, no visible asbestos,
RAD OK.
OK to backfill

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 103

ATTACHMENTS n/a

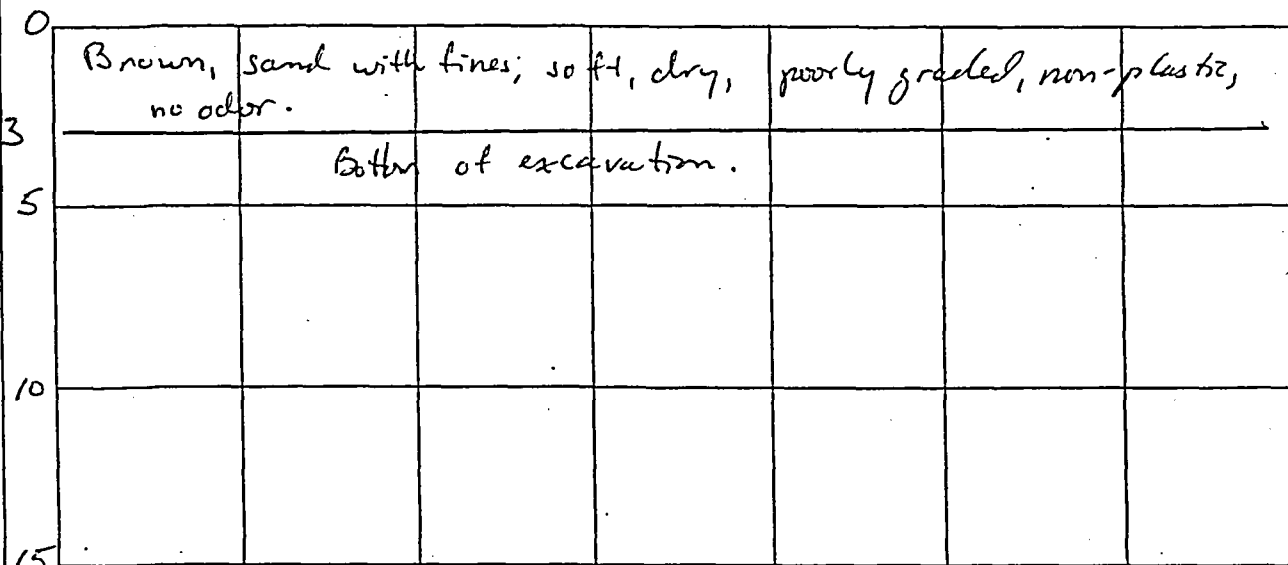
SIGNATURE: [Handwritten Signature]

TEST PIT RECORD

Profile Along Test Pit: TP13112

Site: CRA-PCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
DEPTH (FT) 3

NOTES: 0-2' bgs piece of metal sign post.
PRD / FID - 1 pprv, no visible asbestos,
RAD OK. Ground water seeping into
bottom of excavation. PRD: 1/2/06
No RCRA samples. OK to backfill.

No.:	Int. Ser. No.:	Depth (FT):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 103

ATTACHMENTS n/a

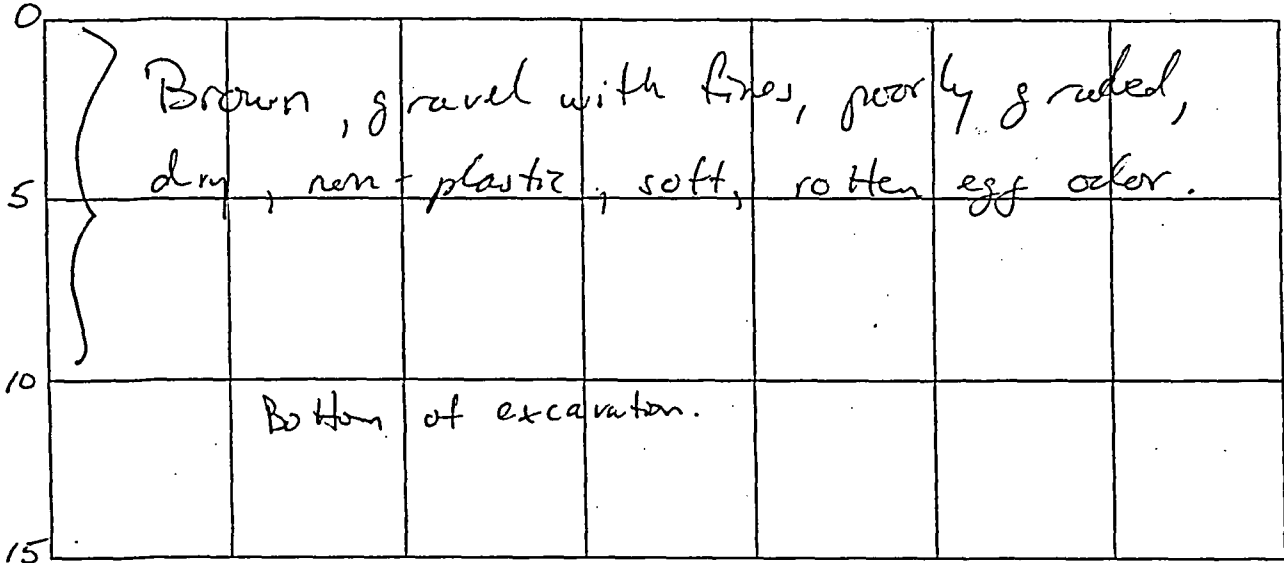
SIGNATURE: [Signature]

TEST PIT RECORD

Profile Along Test Pit: TP13113

Site: CRAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
DEPTH (FT.) 10

NOTES: 0-0.5' bgs 22" diameter circle of 1/2" plate steel, 4"x4"x4" block of steel. "rotten egg"/sulfide odor noted emanating when excavation bottom was exposed.
P10 / F10 <1 ppm, no visible asbestos, RAD OK.
No RCRA samples.
OK to backfill

1'-2' bgs (W) 5/14/04

No.:	Int. Ser. No.:	Depth (FT):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 103-204

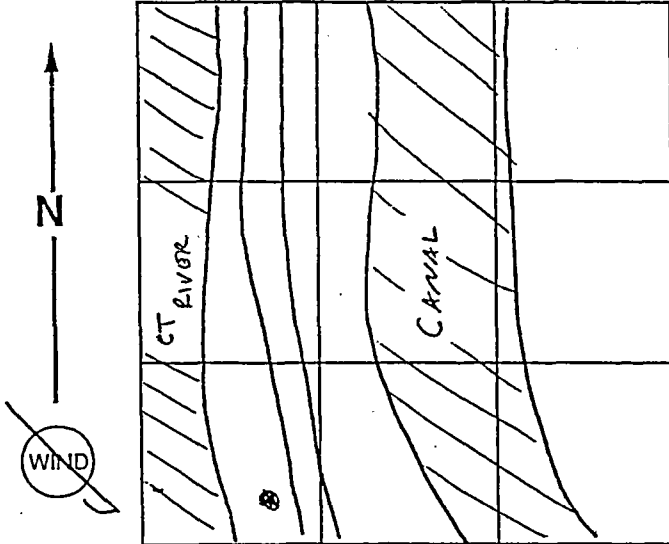
ATTACHMENTS n/a

SIGNATURE: [Handwritten Signature]

TEST PIT RECORD

Site: CYAPCO
Well/Boring: TP13114 (WV) Date: 5/24/06 Time: 1436 End: 1515
Coordinates: X: 669033, Y: 235851 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = 100 FT.

NOTES: _____

- Crew Members:
- WOLF CALICCHIO
 - RUSTY ROITBACH
 - IRENE PZIORA
 - JOAN DEGUSTIN
 - SHAWN MONARD
 - _____

Monitor Equipment:
PI Meter _____
Explosive Gas Y N
Avail. Oxygen Y N
OVA Y N
Other: PRO _____

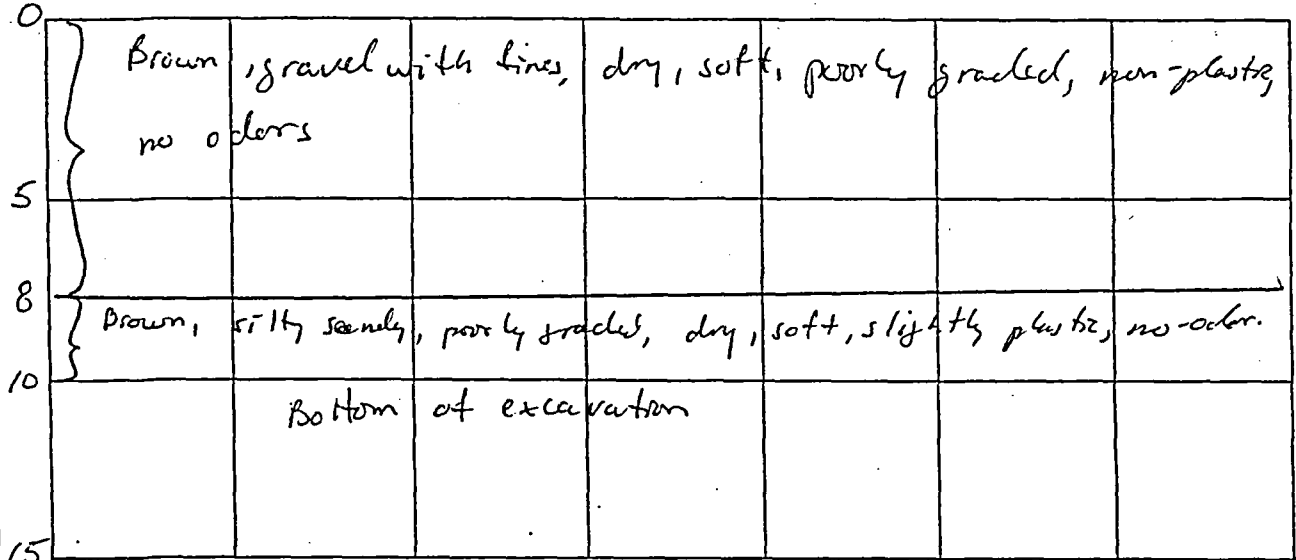
Photographs Roll: Digital
downloaded to TP13114
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP13114

Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
 DEPTH (FT) 10

NOTES: 3'-4' bgs electrical and phone
conduit observed. 0-1' bgs non-
intact 55 gallon drum and length
of flat iron.

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 104

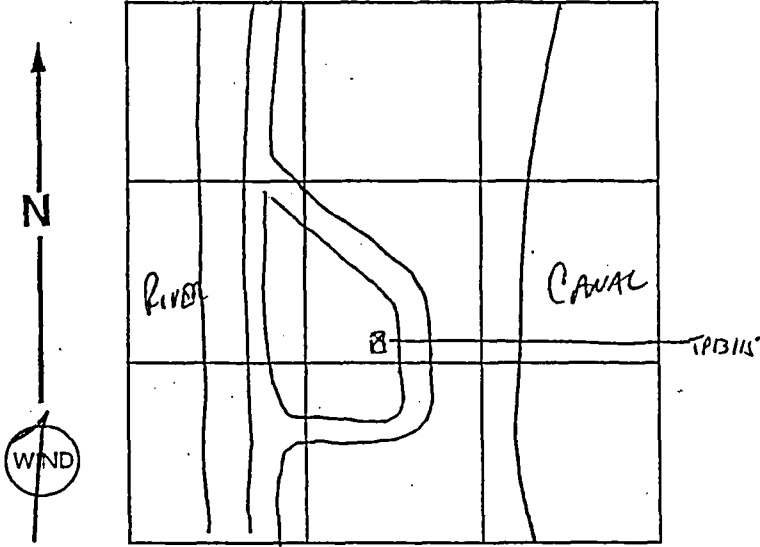
ATTACHMENTS n/a

SIGNATURE: [Handwritten Signature]

TEST PIT RECORD

Site: CYAPCO
Well/Boring: TP 13115 (EEEEE) Date: 5/25/06 Time: 0745 End: 0817
Coordinates: X: 470521, Y: 235518 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = 175 FT.

NOTES: _____

Crew Members:

1. W. Palicchio
2. F. ROHRBACH
3. B. WILDERMUTH
4. J. DEGOSTIN
5. F. LACAPRUCA
6. S. MENARD
7. O. JOHNSON

Monitor Equipment:

PI Meter Y (N)
Explosive Gas Y (N)
Avail. Oxygen Y (N)
OVA Y (N)
Other: FID (N)

Photographs, Roll: Digital

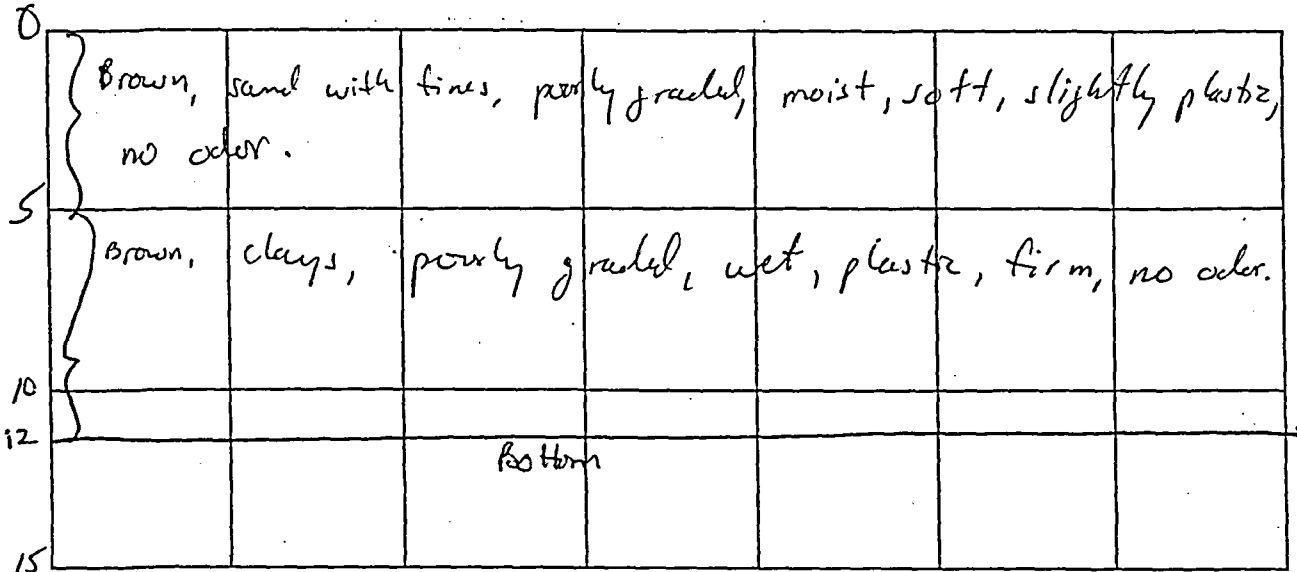
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP13115

Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
DEPTH (FT) 12

NOTES: 0-2' bgs angle iron
2'-3' piece of conduit.
PID/FID < 1 ppm, no visible asbestos,
LAD OK.
No RCA samples.
OK to backfill.

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 103

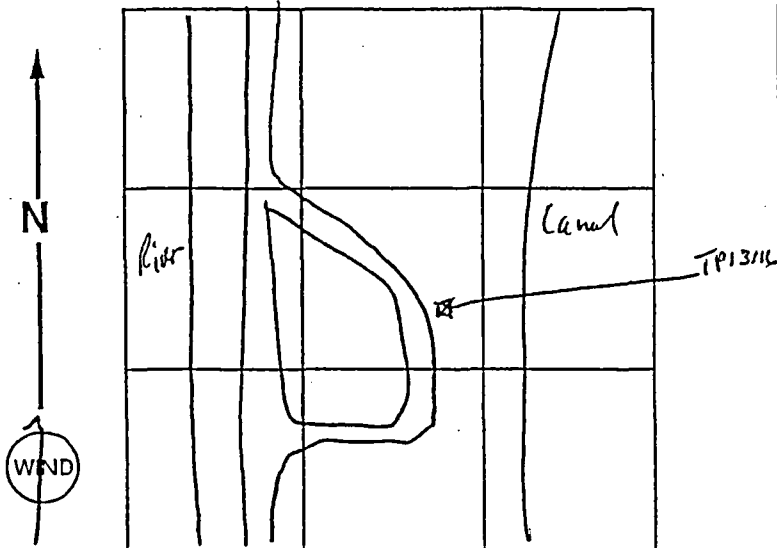
ATTACHMENTS n/a

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO 1 of 2
Well/Boring: TP 13 116 (PDDD) Date: 5/25/06 Time: 0819 End: 0845
Coordinates: X: 670533, Y: 235567 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = nts FT.

NOTES: _____

- Crew Members:
- W. Calicchio
 - R. Kohnbach
 - B. Wildermuth
 - J. Degastin
 - S. Menard
 - F. Lacapruera

Monitor Equipment:
PI Meter Y (circle)
Explosive Gas Y (circle)
Avail. Oxygen Y (circle)
OVA Y (circle)
Other: FID (circle) N

Photographs, Roll: digital

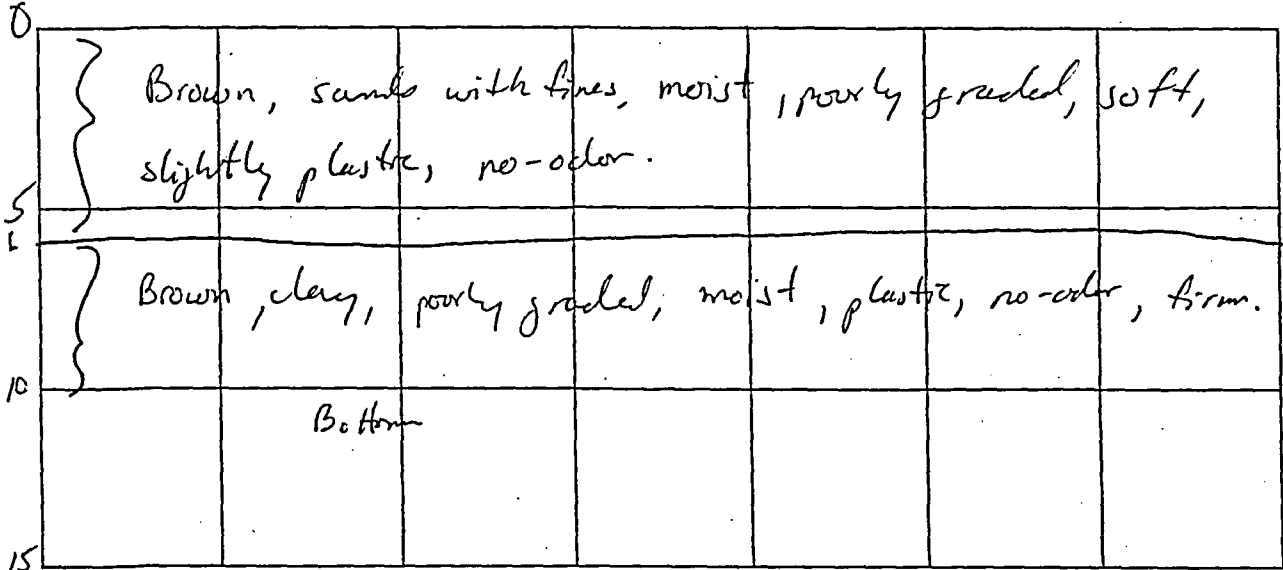
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP13116

Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
DEPTH (FT) 10

NOTES: 0-1' by 12' length of cable,
fence post caps
0-3' by 3' grounding rod
P10/F10 < 1 ppmv
No visible ACM
RAD OK.

OK to backfill @ rps/or
No RCRA samples

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27g/26-107

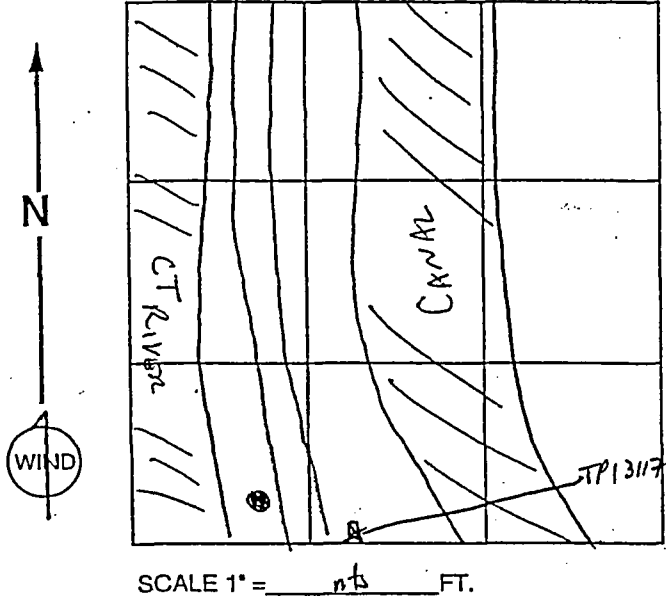
ATTACHMENTS w/a

SIGNATURE: [Handwritten Signature]

TEST PIT RECORD

Site: CYAPCO
Well/Boring: TP1317 (KKKK) Date: 5/25/06 Time: 0935 End: 0955
Coordinates: X: 670058, Y: 235622 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



Crew Members:

1. WOLF CAUICCHIO
2. RUSTY ROHRBACH
3. BOB WILDERMUTH
4. JOHN DEGOSTIN
5. FRANK LACAPRUZIA
6. SHAWN MENARD

7. Don Johnson

Monitor Equipment:

PI Meter Y N
 Explosive Gas Y N
 Avail. Oxygen Y N
 OVA Y N
 Other: FID

NOTES: _____

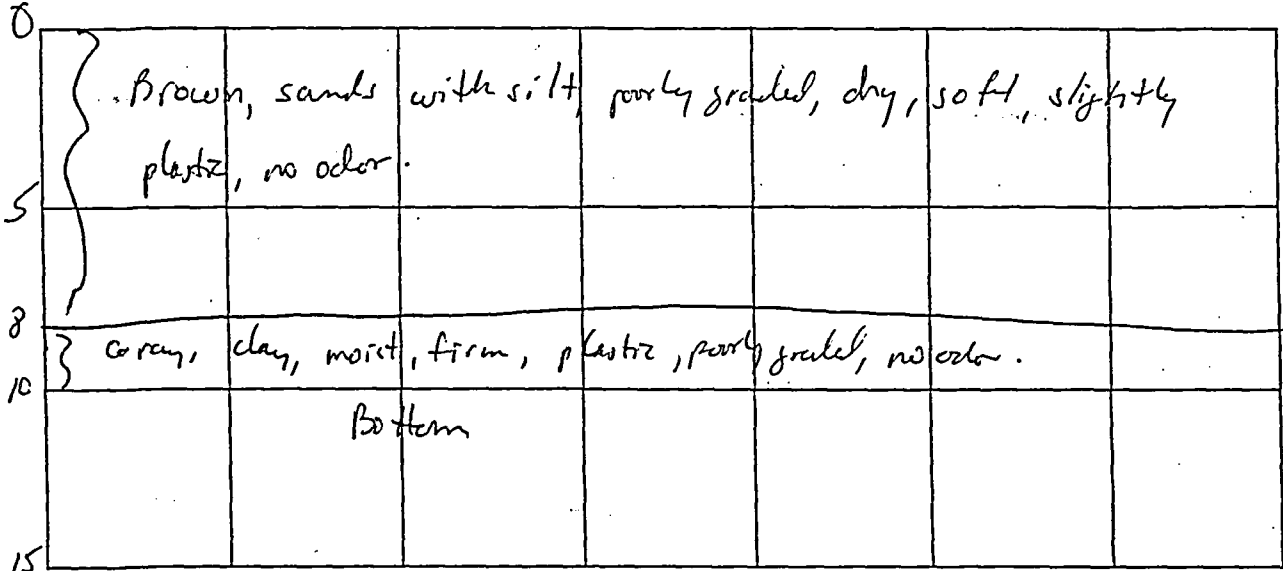
Photographs, Roll: Digital
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 13117

Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
DEPTH (FT) 10

NOTES: 0-4' by 3' length of I-beam
PiO / FIO < 1 ppm
PAO OK
No visible ACM
No RRA samples.
backfilled.

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 107

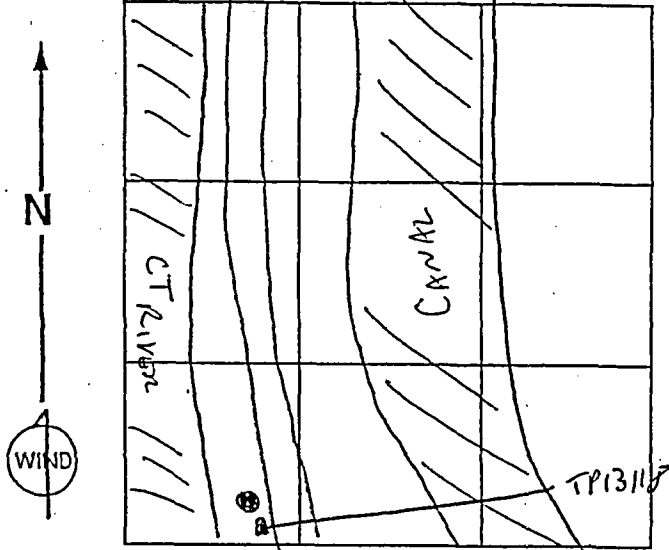
ATTACHMENTS n/a

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO 1 of 2
Well/Boring: TP 13118 (GGGG) Date: 5/25/06 Time: 100P End: 1025
Coordinates: X: _____, Y: _____ Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = nts FT.

NOTES: _____

Crew Members:

1. WOLF CAVALCHIO
2. RUSTY ROHRBACH
3. BOB WILDERMUTH
4. JOHN DEGOSTIN
5. FRANK LACAPRUCIA
6. SHAWN MENARD
7. Don Johnson

Monitor Equipment:

PI Meter	Y	(N)
Explosive Gas	Y	(N)
Avail. Oxygen	Y	(N)
OVA	Y	(N)
Other: <u>FID</u>	(Y)	N

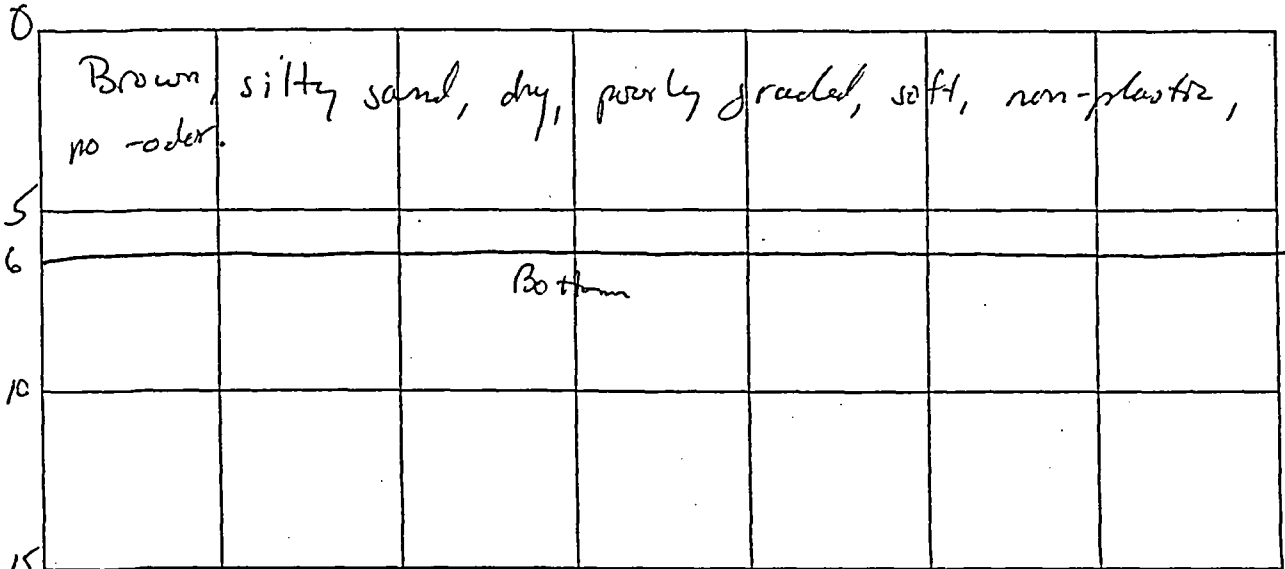
Photographs, Roll: Digital

Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 13118
 Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
 DEPTH (FT) 6

NOTES: 0-2' bgs drum lid
4'-6' bgs large piece of asbestos
pipe insulation.
Excavation halted due to
asbestos. Exclusion zone taped
off around perimeter of TP.

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 100

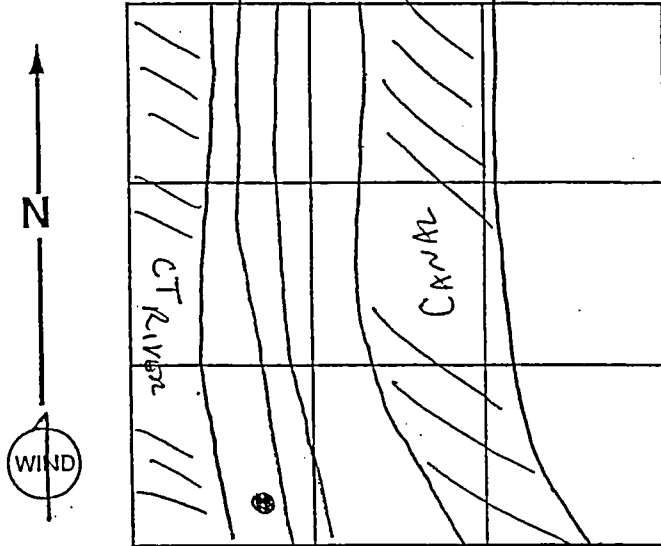
ATTACHMENTS n/a

SIGNATURE: [Handwritten Signature]

TEST PIT RECORD

Site: CYAPCO
Well/Boring: TP 1319 (HHHH) Date: 5/25/06 Time: 1028 End: 1130
Coordinates: X: 669119, Y: 235925 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = mb FT.

NOTES: _____

Crew Members:

1. WOLF CAUICCHIO
2. RUSTY POTR BACH
3. BOB WILDERMUTH
4. JOHN DEGOSTIN
5. FRANK LACAPRUCCIA
6. SHAWN MENARD
7. Don Johnson

Monitor Equipment:

PI Meter Y (N)
Explosive Gas Y (N)
Avail. Oxygen Y (N)
OVA Y (N)
Other: FID (Y) N

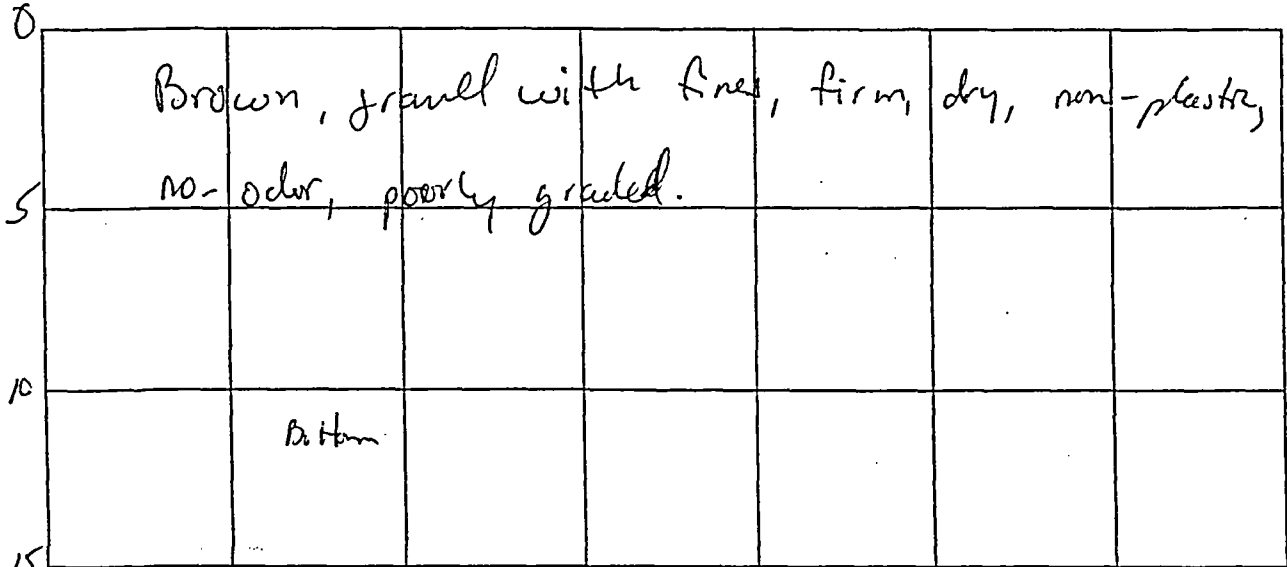
Photographs, Roll: Djimi

Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 13119
 Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
 DEPTH (FT.) 10

NOTES: 0-1' by 3' lengths of gas pipe, drum band.

0-3' by large piece of galbestos siding.

PID/FID < 1ppmv, LAD OK.

No RCRA samples.

Back filled.

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 108

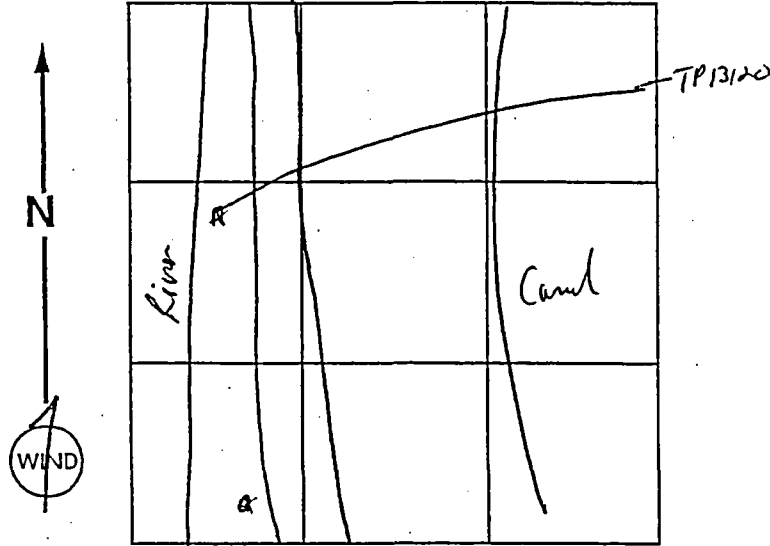
ATTACHMENTS n/a

SIGNATURE: _____

TEST PIT RECORD

Site: CYARCO
Well/Boring: TP13120 (5555) Date: 5/25/06 Time: 1210 End: 1332
Coordinates: X:469073, Y:235120 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = nti FT.

NOTES: _____

Crew Members:

- 1. W. Calichro
- 2. R. ROHRBAH
- 3. B. WILDERMUTH
- 4. D. JOHNSON
- 5. F. LACAPPUA
- 6. S. MENARD

Monitor Equipment:

PI Meter Y
Explosive Gas Y
Avail. Oxygen Y
OVA Y
Other: FLD

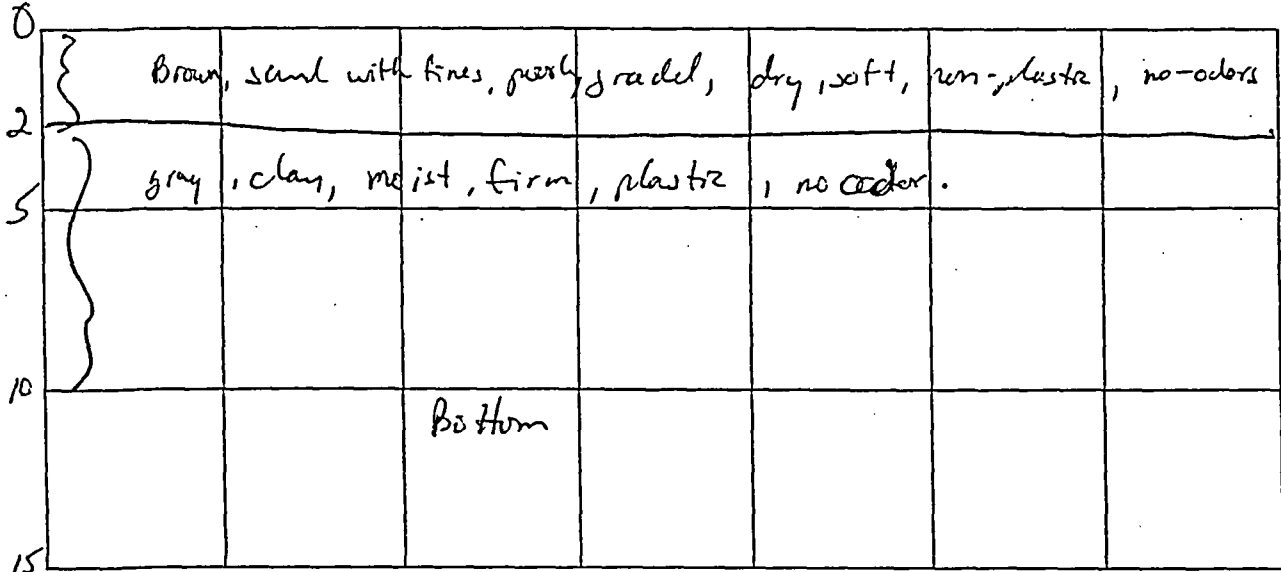
Photographs, Roll: Digital

Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 13120
 Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
 DEPTH (FT) 10

NOTES: 0-2' bgs metal sign and rebar.
Electrical cable running N/S at 1' bgs.

PI0 / F10 < 1 ppm
No visible ACM
RAD OK
No RFA samples
Backfilled.

Discovered 2' diameter circle of 1/2" steel plate during backfill.

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 109

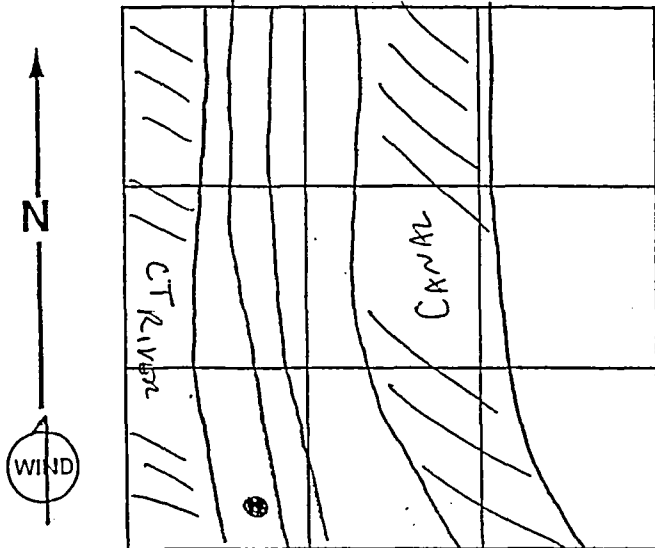
ATTACHMENTS n/a

SIGNATURE: [Handwritten Signature]

TEST PIT RECORD

Site: CYAPCO
 Well/Boring: TP 13121 (III) Date: 5/25/06 Time: 1334 End: 1415
 Coordinates: X: 668791, Y: 236007 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = mb FT.

NOTES: _____

Crew Members:
 1. WOLF CALICCHIO
 2. RUSTY ROTR BACH
 3. BOB WILDERMUTH
 4. JOHN DEGOSTIN *(with initials)*
 5. FRANK LACAPRUCIA
 6. SHAWN MENARD
 7. DON JOHNSON
 Monitor Equipment:
 PI Meter Y
 Explosive Gas Y
 Avail. Oxygen Y
 OVA Y
 Other: FUD N

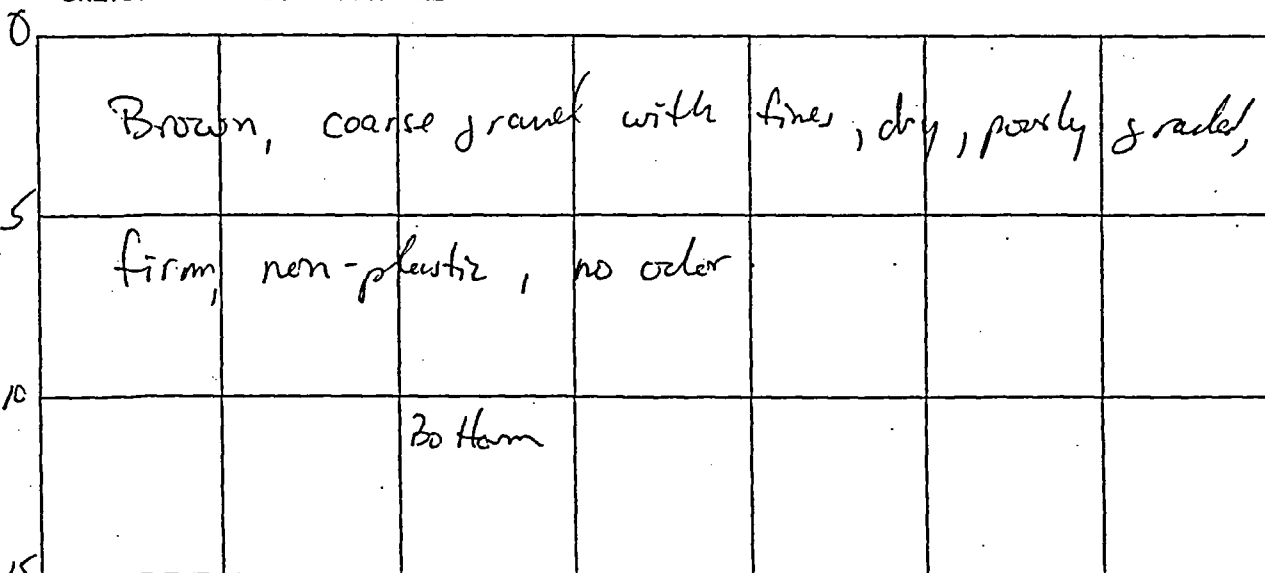
Photographs, Roll: Digital
 Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 13121

Site: CYAPCO

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT.
DEPTH (FT) 10

NOTES: 0-2' by multiple pieces of 6" ductile iron pipe (soil pipe), rebar, P10/F10-1ppm.
RAD OK
No visible ACM.
BACK FILLED
No RCRA samples.

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 27, 102-110

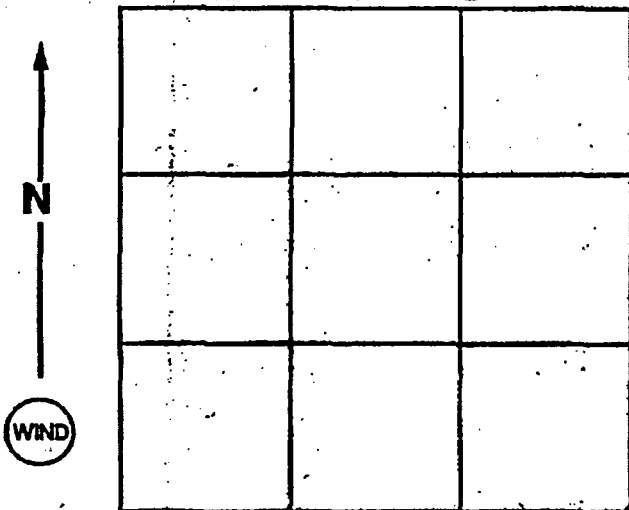
ATTACHMENTS n/a

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO HAD C 13
 Well/Boring: TP-13022 Date: N/A Time: _____ End: _____
 Coordinates: N. 2353 05. 248 E: 670883. 945 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: TEST PIT NOT UNDERTAKEN

RLOA WAS ENCLOSURE BY

ALM REMEDIATION

Crew Members:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter	Y	N
Explosive Gas	Y	N
Avail. Oxygen	Y	N
OVA	Y	N
Other:	_____	

Photographs, Roll: _____

Exposure: _____

FIGURE 9-1
 TEST PIT RECORD
 QUALITY ASSURANCE PROJECT PLAN
 CYAPCO HADDAM NECK PLANT
 HADDAM, CONNECTICUT

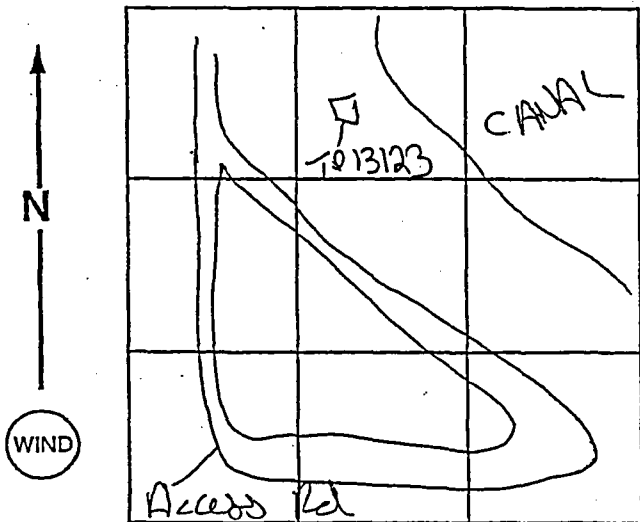
TEST PIT RECORD

Site: CYAPLO - AOC 13

Well/Boring: TP 13-123 Date: 6-28-06 Time: 09:10 End: 09:20

Coordinates: X: 67080.674 Y: 235661.751 Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES:

Few pieces of Scrap metal,
wiring, cable

Crew Members:

1. Miles van Noordennen
2. Bob Wildermath
3. Shawn Menard
4. Don Johnson
5. _____
6. _____

Monitor Equipment:

PI Meter Y N
 Explosive Gas Y N
 Avail. Oxygen Y N
 OVA Y N
 Other: FID

Photographs, Roll: Photos on
MACTEC film
 Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 13123

Site: ACC-13

SKETCH MAP OF TEST PIT PROFILE

	0-8 ft - Brown, damp sand, no odor				
	8-12 ft - Dark brown, grey silt, some organics, damp				

SCALE 1" = 4 FT.
 DEPTH (FT) 12

NOTES:

4 ft. long, 12" diameter piece of metal encountered. Also found wiring, cable

No.:	Int. Ser. No.:	Depth (ft.):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg.

ATTACHMENTS

SIGNATURE: *[Signature]*

TEST PIT RECORD

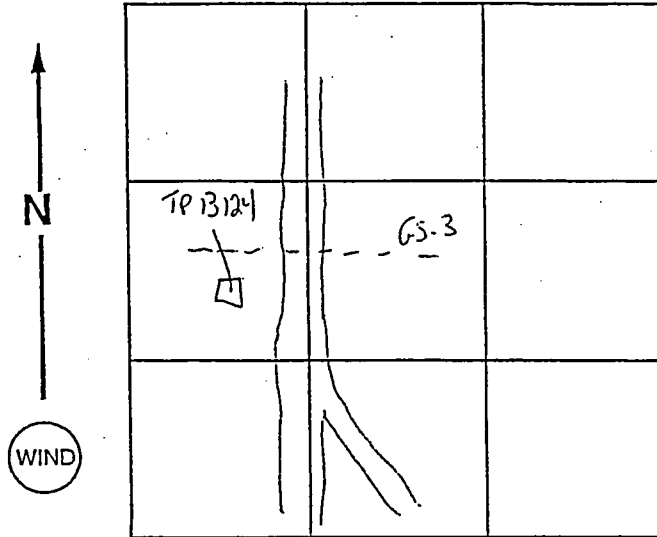
1 of 2

Site: CYAPCO - AOC 13

Well/Boring: TP 13124 Date: 7-17-86 Time: 1500 End: 1520

Coordinates: X: 670150.228 Y: 235545.907 Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NKS FT.

NOTES: metal drum ring encountered

Crew Members:

1. Miles VanNoordennen
2. Tom Wren
3. Don Johnson
4. Shawn Menard
5. _____
6. _____

Monitor Equipment:

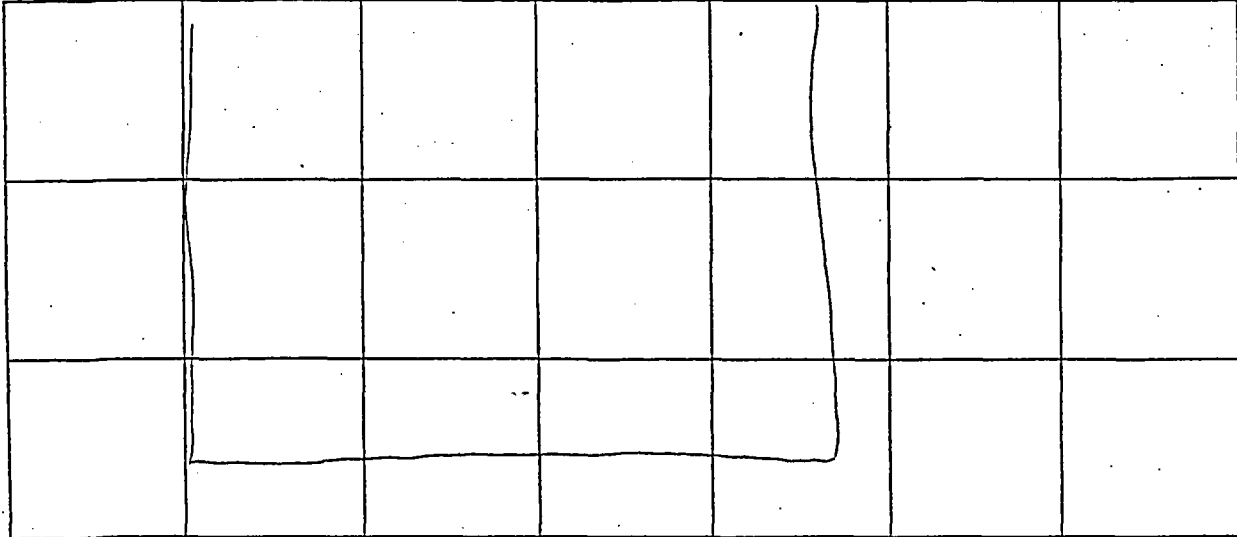
PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	<input type="checkbox"/>	N
Avail. Oxygen	<input type="checkbox"/>	N
OVA	<input type="checkbox"/>	N
Other: <u>FID</u>	<input type="checkbox"/>	N

Photographs, Roll: Photos on
MACTEC drive
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP13124
Site: AOC 13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 2 FT.
DEPTH (FT.) 5

NOTES: metal drum ring encountered
Brown, dark brown sand. no odor, dry

No.:	Int. Ser. No.:	Depth (FL):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

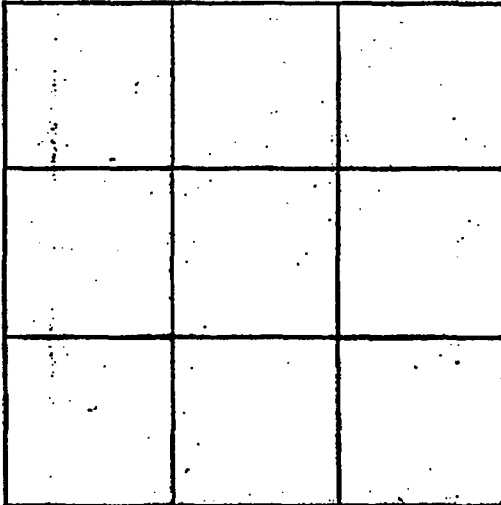
REFERENCE: FIELD BOOK, Pg. 149

ATTACHMENTS: —
SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCO AC 13
Well/Boring: TP 13125 Date: 6.24.06 Time: _____ End: _____
Coordinates: N: 235452.055 E: 670289.935 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES:

ACM encountered; test pit not
completed due to pending ACM
removal

Crew Members:

1. Miles van Noordenne
2. Bob Willemstein
3. Steve Maxwell
4. Van Schuren
5. _____
6. _____

Monitor Equipment:

PI Meter N
Explosive Gas N
Avail. Oxygen N
OVA N
Other: DO

Photographs, Roll: Mazda

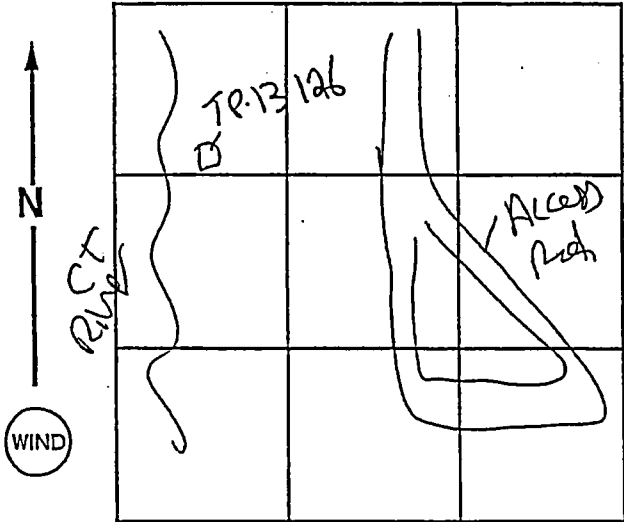
Roll
Exposure: _____

FIGURE 9-1
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

TEST PIT RECORD

Site: CYAPLO - AOC 13 1 of 2
Well/Boring: TP-13126 Date: 6-28-06 Time: 0930 End: 0940
Coordinates: X: 670222.259 Y: 235398.875 Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: metal stepping

- Crew Members:
- Miles vanBordennen
 - Bob Wildamuth
 - Shawn Menard
 - Dan Johnson
 - _____
 - _____

Monitor Equipment:
PI Meter Y N
Explosive Gas Y N
Avail. Oxygen Y N
OVA Y N
Other: FID

Photographs, Roll: Photos on
MACTEC done
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 13126

Site: ASC-13

SKETCH MAP OF TEST PIT PROFILE

	0-2 FT Brown Sand		
	2-8 FT Dark brown		
	Sandy silt, some organics		

SCALE 1" = 3 FT.
DEPTH (FT) 8

NOTES: Metal Stepping

No.	Int. Ser. No.	Depth (Ft.)	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg.

ATTACHMENTS

SIGNATURE: [Signature]

TEST PIT RECORD

Site: CYAPCG ABC13

1 of 2

Well/Boring: TP-13.127

Date: 6-27-06

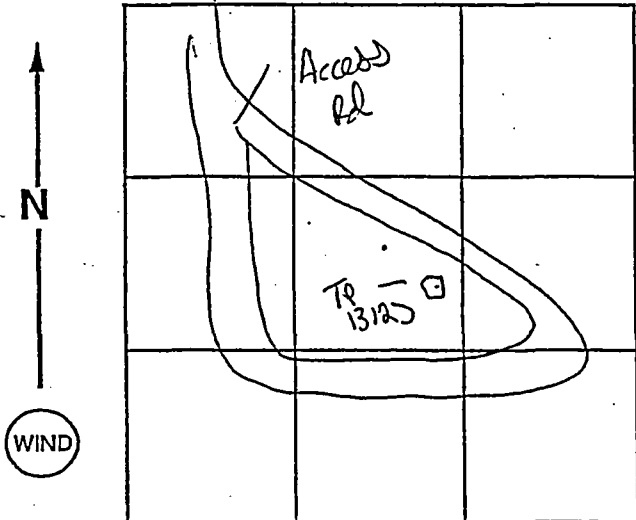
Time: 1:15

End: 1:18

Coordinates: X: 670697.143 Y: 235427.836

Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES:

Small piece of metal strapping
encountered

Crew Members:

1. Miles vanNoordensen

2. Bob Wildamuth

3. Shawn Menard

4. Don Johnson

5. _____

6. _____

Monitor Equipment:

PI Meter Y N

Explosive Gas Y N

Avail. Oxygen Y N

OVA Y N

Other: FID

Photographs, Roll: Photos on

MACTEC drive

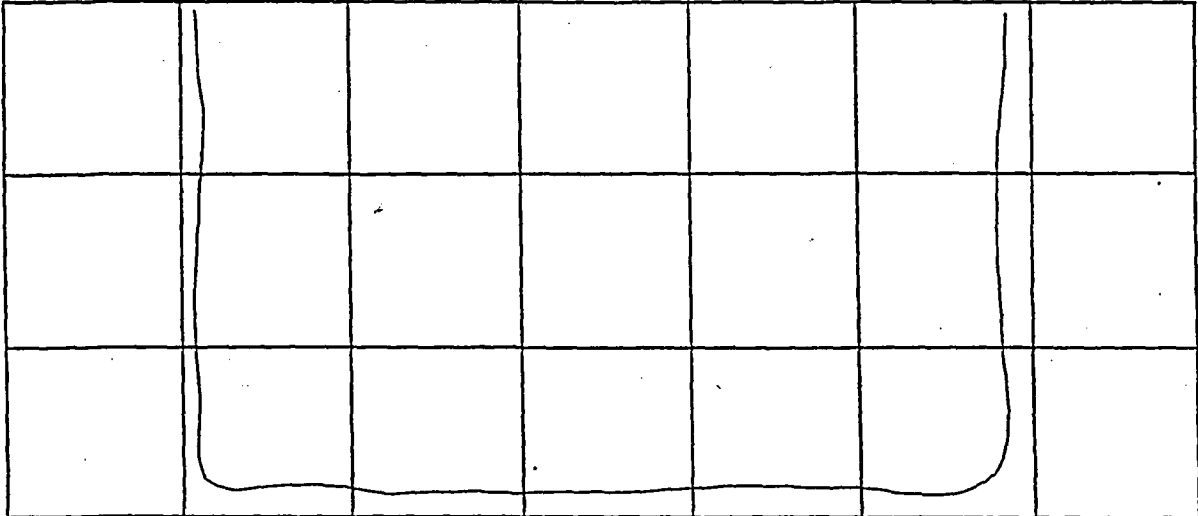
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 13127

Site: AK-3

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 2 FT.
DEPTH (FT) 6

NOTES:

Brown, dry, loose sand, no odor

Small piece of metal shrapnel
encountered

No.:	Int. Ser. No.:	Depth (Ft):	HD, SP, VOA PPM:
S-1			
S-2			
S-3			
S-4		N	
S-5			
S-6		A	
S-7			
S-8			

REFERENCE: FIELD BOOK, Pg. 143

ATTACHMENTS —
SIGNATURE [Signature]

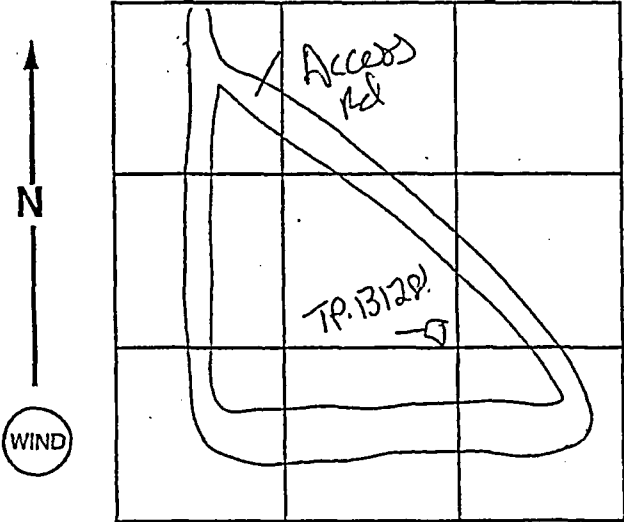
TEST PIT RECORD

Site: CYAP20 AOC13

Well/Boring: TP 13128 Date: 6-27-06 Time: 1120 End: 1122

Coordinates: X: 670693777 Y: 235408529 Grid Element: NA

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NTS FT.

NOTES: 8" piece of metal pipe, 6" diameter

Crew Members:

1. Miles vanNorden
2. Bob Wildamuth
3. Shawn Menard
4. Don Johnson
5. _____
6. _____

Monitor Equipment:

PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	<input type="checkbox"/>	N
Avail. Oxygen	<input type="checkbox"/>	N
OVA	<input type="checkbox"/>	N
Other: <u>FID</u>	<input type="checkbox"/>	N

Photographs, Roll: photos on MACTEC drive

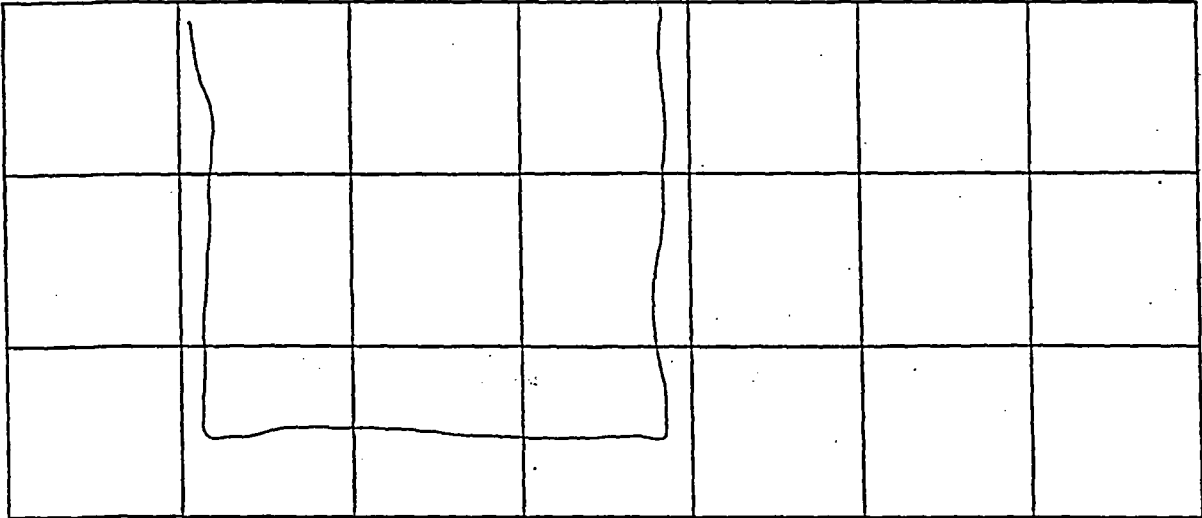
Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP-13128

Site: AOC-13

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 2 FT.
DEPTH (FT.) 5

NOTES: Brown, loose sand, no odor
8" piece of metal pipe, 6" diameter, encountered

No.:	Int. Ser. No.:	Depth (Ft):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5		<u>R</u>	
S-6			
S-7		<u>A</u>	
S-8			

REFERENCE: FIELD BOOK, Pg. 143

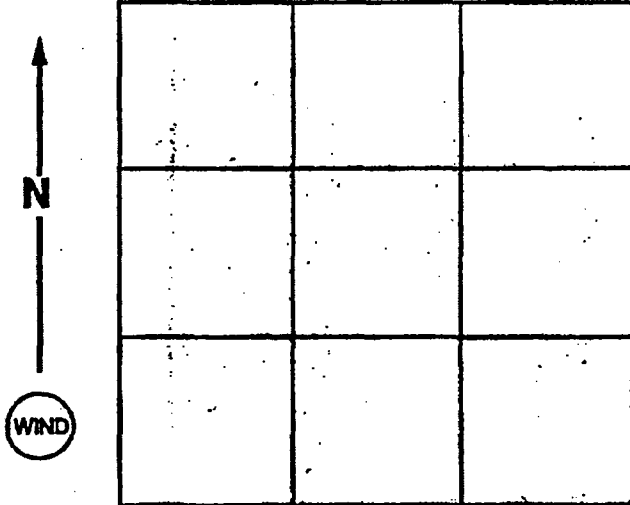
ATTACHMENTS
SIGNATURE: [Signature]

TEST PIT RECORD

1 of 2

Site: CYAPCO ADC 12
Well/Boring: TP 13129 Date: 8/6/84 Time: _____ End: _____
Coordinates: N: 235376.598 E: 670801.848 Grid Element: _____

SKETCH MAP OF TEST PIT SITE



SCALE 1" = _____ FT.

NOTES: ACM encountered; test pit not
completed pending ACM removal.

Crew Members:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Monitor Equipment:

PI Meter Y N
Explosive Gas Y N
Avail. Oxygen Y N
OVA Y N
Other: Full

Photographs, Roll: Marek

Exposure: DUC

FIGURE 9-1
TEST PIT RECORD
QUALITY ASSURANCE PROJECT PLAN
CYAPCO HADDAM NECK PLANT
HADDAM, CONNECTICUT

MACTEC, Inc.

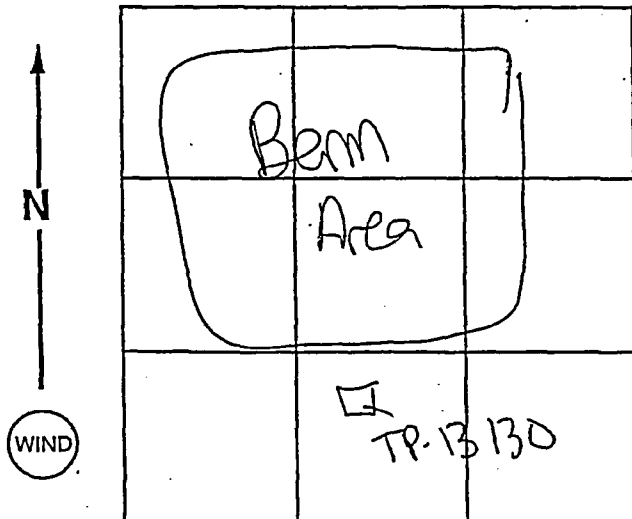
TEST PIT RECORD

Site: CYAPLO AOC-13

Well/Boring: TP-13130 Date: 6-27-06 Time: 1540 End: 1550

Coordinates: X: 671287.499 Y: 235160.505 Grid Element: N/A

SKETCH MAP OF TEST PIT SITE



SCALE 1" = NIS FT.

NOTES: Small, heavy piece of metal - possibly a motor. 8" long, 6-8" diameter

Crew Members:

1. Miles vanNorden
2. Bob Wildenuth
3. Shawn Menard
4. Dan Johnson
5. _____
6. _____

Monitor Equipment:

PI Meter	<input checked="" type="checkbox"/>	N
Explosive Gas	Y	N
Avail. Oxygen	Y	N
OVA	Y	N
Other: <u>FID</u>		

Photographs, Roll: Photos on

MACTEC done

Exposure: _____

TEST PIT RECORD

Profile Along Test Pit: TP 1313D

Site: AGC-13

SKETCH MAP OF TEST PIT PROFILE

	0-3ft	Brown Sand				
	3-4 ft	Grey, organics, silt. Slight organic odor				

SCALE 1" = 2 FT.
 DEPTH (FT) 4

NOTES:

Small, heavy piece of metal - possibly a motor - encountered 8" long, 6.8" diameter.

No.:	Int. Ser. No.:	Depth (Ft):	HD. SP. VOA PPM:
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			

N/A

REFERENCE: FIELD BOOK, Pg. 144

ATTACHMENTS

SIGNATURE: 

B3 - RADIOLOGICAL DAILY SURVEY RECORDS

The table is extremely faint and illegible. It appears to be a grid with approximately 4-5 columns and several rows, typical of a survey log. The content within the cells is not discernible.

Daily Survey Journal

Page 1 of 1

Survey Area #: 9520 and 9530	Survey Area Name: Site Central and Northern Peninsula
Survey Unit #: 0002, 0003, and 0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the cognizant final status survey (FSS) engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 2/27/06
0645	Arthur Hammond, Eli Torres, Jamie Ricarte, Don Johnson and Joanne Rand attended MBI morning brief for Northern Peninsula work. MBI continues to remove commodities, ACM material and backfill trenches.
0700	A. Hammond briefed J. Rand, J. Ricarte, D. Johnson and E. Torres on Northern Peninsula work.
0701	Extremely cold and windy conditions. Technicians briefed on conditions.
0720	A. Hammond, D. Johnson and E. Torres walk down of Northern Peninsula.
0721	MBI given permission to back fill area excavated on 2/24/06. (per Jeff Wagner)
0745	Survey instruments being used E600-1106 cal due 8/15/06 with SPA3-1009 cal due 8/28/06.
1045	Technicians to Northern Peninsula to survey commodities, scan soil, and obtain samples in Survey Units 9520 and 9530.
1120	Obtained soil sample 9520-0003-014, by E. Torres.
1125	Obtained soil sample 9520-0003-015, by E. Torres.
1135	Obtained soil sample 9530-0004-028, by E. Torres.
1145	Obtained soil sample 9530-0004-029, by E. Torres.
1345	Technicians to Northern Peninsula to continue to scan commodities and soil. Also placed Exploranium on elevated area on soil South ACM area in Survey Unit 9530-0004.

Completed by: Arthur L. Hammond Date: February 27, 2006

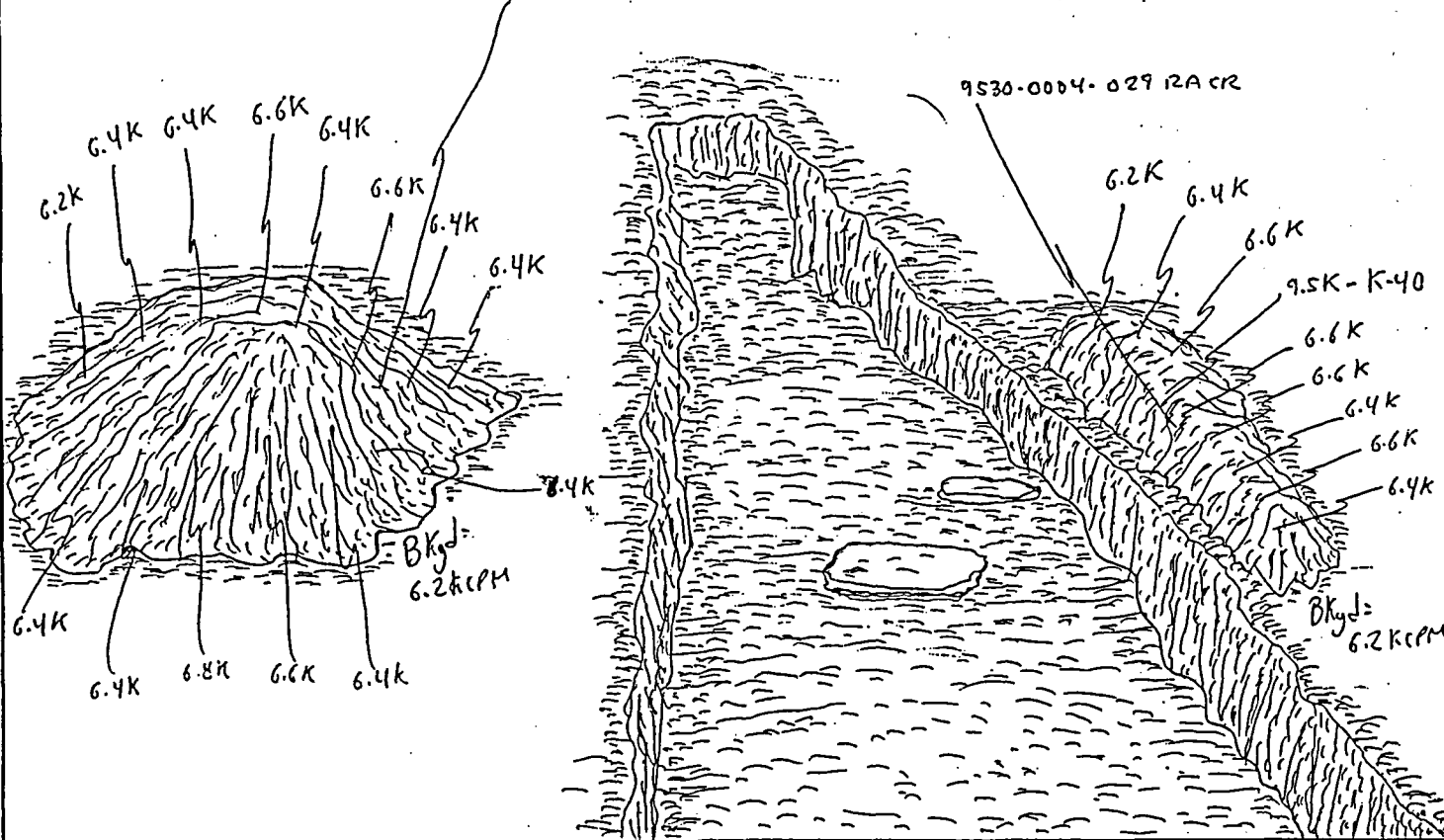
CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY RECORD FORM

Surveyor Name (Printed) Eli Torres / JOSE A. TORRES	Surveyor Name (Signature) <i>[Signature]</i>	Location PENINSULA - 0004
--	---	------------------------------

Date: 2-27-06	Time: 14:30	Log #
Area: 9530	Map # N/A	Rev # N/A

Performed a scanning survey of the soil piles excavated from the trench; Survey results indicate localized areas of slightly elevated activity above identified action level; Exploranium evaluation identified K-40.

9530-0004-028 RA CR



Instruments Used			
Model/Serial #	Cal Due	Probe/Serial #	Cal Due
E:600/1106	8-15-06	SPA3/1009	8-28-06
EXPLORANIUM GR-130/1177	10-14-06	N/A	N/A

Reason For Survey	
<input type="checkbox"/> Routine	
<input type="checkbox"/> RWP	RACK
<input checked="" type="checkbox"/> Other	

Air Sample Control #	N/A	Total DAC Fraction	N/A
----------------------	-----	--------------------	-----

CONTAMINATION RESULTS (SMEAR) dpm/100cm
BY MDA = N/A α MDA = N/A

Sample #	RESULTS		Sample #	RESULTS	
	Beta Gamma	Alpha		Beta Gamma	Alpha
	N/A			N/A	
	A			A	

Smear Continuation Sheet Used Yes No

Legend

NDA = No Detectable Activity
Dose rates are gamma and are in mrem/hr unless otherwise noted.
All smears in Dpm/100cm unless otherwise noted.
All LAS's in cpm/LAS unless otherwise noted.

- ⊙ - Large Area Swipe Location
- ⊙ - Air Sample Location
- ⊙ - Smear Location
- ⊙ - Contact Exposure Rate
- ⊙ - General Area Exposure Rate
- ⊙ - Indicates Boundary
- ⊙ - Step Off Pad
- RPR - Respiratory Protection Required
- ARA - Airborne Radioactivity Area
- RA - Radiation Area
- CA - Contaminated Area
- HRA - High Radiation Area
- LHRA - Locked High Radiation Area
- RM - Radioactive Material
- HCA - High Contamination Area
- HPA - Hot Particle Area
- RCA - Radiologically Controlled Area

Postings	<input type="checkbox"/> Other					<input type="checkbox"/> Contact HP Prior to Entering
	<input type="checkbox"/> RCA	<input type="checkbox"/> RM	<input type="checkbox"/> CA	<input type="checkbox"/> RA	<input type="checkbox"/> LHRA	<input type="checkbox"/> Airborne Radioactivity
	<input checked="" type="checkbox"/> Outside the RCA	<input type="checkbox"/> HCA	<input type="checkbox"/> HRA	<input type="checkbox"/> Spec 2	<input type="checkbox"/> Respiratory Protection Area	

HP Manager or Designee Review *[Signature]* Date 02.27.2006

Daily Survey Journal

Page 1 of 1

Survey Area #: 9520 and 9530	Survey Area Name: Site Central and Northern Peninsula
Survey Unit #: 0002, 0003, and 0004	WP&IR #: 2006-0007
Specific instructions for using the Daily Survey Journal.	
1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the cognizant final status survey (FSS) engineer.	
2 All documentation will be complete and legible.	
TIME	NOTES FOR SAMPLING DATE 2/28/06
0645	Arthur Hammond, Eli Torres and Don Johnson attended MBI morning brief for Northern Peninsula work. MBI continues to remove commodities, ACM material and backfill trenches. Jamie Ricarte briefed by MBI.
0700	A. Hammond briefed J. Ricarte and E. Torres on Northern Peninsula work.
0715	A. Hammond to Northern Peninsula to shot GPS location for MBI. (electrical line)
0716	MBI continues to remove commodities and ACM material from 9530-0004. As well as 9520.
0830	Technicians scanning soil piles from excavations and surveying commodities.
0831	Survey instrument being used E600-1112 cal due 9/28/06 with SPA3-1006 cal due 8/9/06 and E600-1106 cal due 8/15/06 with SPA3-1009 cal due 8/28/06.
0832	Background taken at South end on 9520-0002, 5.5kcpm, action level 6.5kcpm
1010	Gave MBI permission to back fill excavations in 9527-0003. Per Jeff Wagner.
1020	Obtained soil sample 9520-0002-003-RACR. (E. Torres)
1022	Obtained soil sample 9520-0002-004-RACR. (E. Torres)
1025	Obtained soil sample 9520-0002-005-RACR. (E. Torres)
1040	Samples taken to on-site count room.
1345	A. Hammond, E. Torres and J. Ricarte attended MBI brief for Old Leech Field Gallery.
1400	MBI began removing gallery from Leech Field area.
1415	Technicians scanning concrete from gallery.
1430	Obtained soil sample 9520-0002-006-RACR, J. Ricarte.

Completed by: Arthur E. Hammond

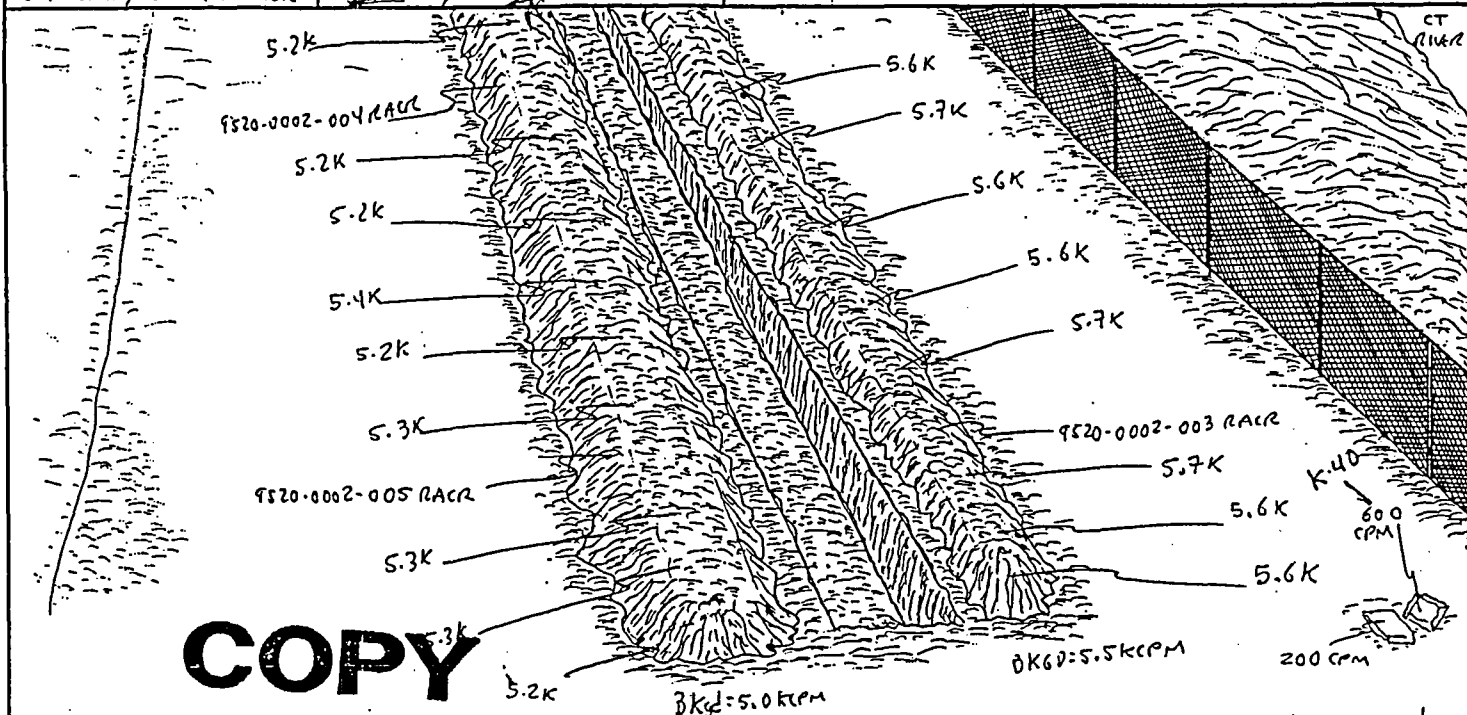
Date: February 28, 2006

**CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY RECORD FORM**

NW

Surveyor Name (Printed) Eliz Torres / Jaime Riancho Surveyor Name (Signature) [Signature] Location Boneyard - 0002

Date: 2-28-06 Time: 11:20 Log # _____
Area: 9520 Map # N/A Rev # N/A



Instruments Used			
Model/Serial #	Cal Due	Probe/Serial #	Cal Due
E-600/1112	9-28-06	SPA3/1006	8-9-06
E-600/1106	8-15-06	SPA3/1809	8-28-06
ELECTRA/5052 EXPLORANIUM	3-28-06	BP19BD/263	3-28-06
02-B0/1177	10-14-06	N/A	N/A

Reason For Survey

Routine RWP Other RACR

Air Sample Control # N/A Total DAC Fraction N/A

CONTAMINATION RESULTS (SMEAR) dpm/100cm

BY MDA= N/A α MDA= N/A

Sample #	RESULTS		Sample #	RESULTS	
	Beta Gamma	Alpha		Beta Gamma	Alpha

Performed a scanning survey of the soil piles excavated from the trench; Survey results indicate No elevated activity above identified action levels were detected by scan survey.

LAS and direct frisk survey performed on pipes and concrete pieces removed from the trench; No activity was detected above background by evaluation of LAS survey, and direct frisk survey. One localized of concrete piece = 400 cpm. Performed Exploranium evaluation, identified K-40. Bkgd = 200 cpm

Smear Continuation Sheet Used Yes No

Legend

NDA= No Detectable Activity

Dose rates are gamma and are in mrem/hr unless otherwise noted.
All smears in Dpm/100cm unless otherwise noted.
All LAS's in cpm/LAS unless otherwise noted.

- Large Area Swipe Location
- Air Sample Location
- Smear Location
- Contact Exposure Rate
- General Area Exposure Rate
- Indicates Boundary
- Stop On Pad
- Respiratory Protection Required

- ARA - Airborne Radioactivity Area
- Radiation Area
- Contaminated Area
- High Radiation Area
- LHRA - Locked High Radiation Area
- RM - Radioactive Material(s)
- HCA - High Contamination Area
- HPA - Hot Particle Area
- RCA - Radiologically Controlled Area

Postings	<input type="checkbox"/> Other					<input type="checkbox"/> Contact HP Prior to Entering
	<input type="checkbox"/> RCA	<input checked="" type="checkbox"/> RM	<input type="checkbox"/> CA	<input type="checkbox"/> RA	<input type="checkbox"/> LHRA	<input type="checkbox"/> Airborne Radioactivity
	<input checked="" type="checkbox"/> Outside the RCA	<input type="checkbox"/> HCA	<input type="checkbox"/> HRA	<input type="checkbox"/> Spec 2	<input type="checkbox"/> Respiratory Protection Area	

HP Manager or Designee Review [Signature] Date 02-28-2006

Daily Survey Journal

Survey Area #: 9520 and 9530	Survey Area Name: Site Central and Northern Peninsula
Survey Unit #: 0002	WP&IR #: 2006-0007

Specific instructions for using the Daily Survey Journal.

- 1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the cognizant final status survey (FSS) engineer.
- 2 All documentation will be complete and legible.

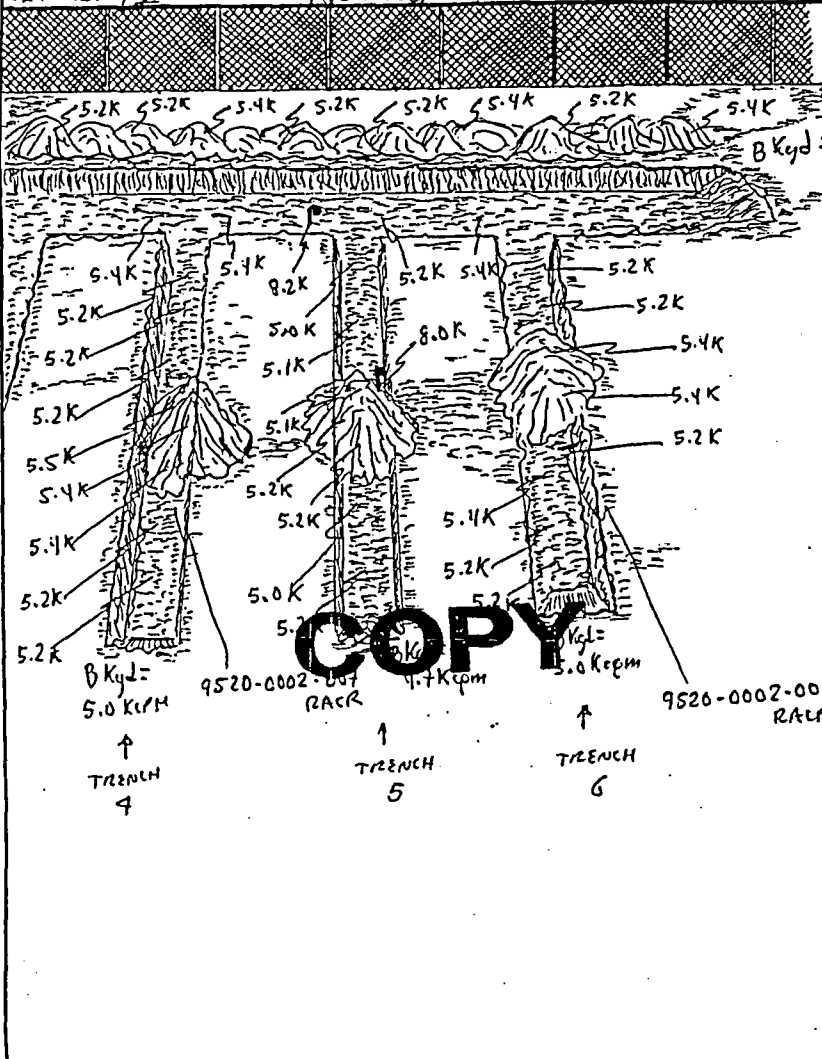
TIME	NOTES FOR SAMPLING DATE 3/1/06
0645	Arthur Hammond, Eli Torres and Joann Rand attended MBI morning brief for Northern Peninsula work. MBI continues to remove commodities, ACM material and backfill trenches.
0700	A. Hammond briefed J. Rand and E. Torres on work on Northern Peninsula.
0745	A. Hammond and E. Torres walk down of Northern Peninsula
0746	MBI removing Septic Galleries from Old Leech Field area. Technicians scanning piles of soil and trenches.
0800	Instrument being used E-600-1110 cal due 9/27/06 with SPA3-1010 cal due 8/19/06.
0938	Obtained soil sample 9520-0002-007-RACR, by Eli Torres. Taken from trench #4. (Leech field)
0942	Obtained soil sample 9520-0002-008-RACR, by Eli Torres. Taken from trench #6. (Leech field)
1000	Technicians continue to scan piles of soil from Leech field trenches. And survey commodities removed from trenches.
1250	Returned to Leech field area to continue with surveys.
1327	Obtained soil sample 9520-0002-009-RACR, by Eli Torres. Taken from trench #5. (Leech field)
1330	Placed Exploranium on elevated reading on pile of soil.
1331	Obtained soil sample 9520-0002-010-RACR, by Eli Torres. Taken from trench #9. (Leech field)
1337	Obtained soil sample 9520-0002-011-RACR, by Eli Torres. Taken from trench #10. (Leech field)
1415	MBI continues to remove ACM material from Survey Unit 9530-0004.
1500	Technicians taking soil samples to on-site count room.

Completed by: *Arthur L. Hammond* Date: March 1, 2006

CONNECTICUT YANKEE NUCLEAR POWER COMPANY
SURVEY RECORD FORM

Surveyor Name (Printed): JD Pains / Eli Torres
 Surveyor Name (Signature): [Signature]
 Location: Boneyard - 0002 TRENCH 4 to 6

Date: 3-1-06 Time: 7:00 Log #
 Area: 9520 Map # N/A Rev # N/A



Performed a scanning survey of the soil piles excavated from the trenches and 1/2 trenches; Survey results indicate 2 localized areas of slightly elevated activity above identified action levels will require evaluation with the exploranium.

Instruments Used

Model/Serial #	Cal Due	Probe/Serial #	Cal Due
E-600/1110	9-27-06	SFA-3/1010	9-19-06
N/A			

Reason For Survey

<input type="checkbox"/> Routine	<u>RACR</u>
<input type="checkbox"/> RWP	<u>Septic Gallies</u>
<input checked="" type="checkbox"/> Other	<u>TRENCH 4 to 6</u>
Air Sample Control #	<u>N/A</u> Total DAC Fraction <u>N/A</u>

CONTAMINATION RESULTS (SMEAR) dpm/100cm

BY MDA = <u>N/A</u>		α MDA = <u>N/A</u>			
Sample	RESULTS		Sample	RESULTS	
	Beta Gamma	Alpha		Beta Gamma	Alpha
5	N/A	A	N/A	A	

Postings

<input type="checkbox"/> Other <u>N/A</u>	<input type="checkbox"/> Contact HP Prior to Entering
<input type="checkbox"/> RCA <input checked="" type="checkbox"/> RM <input type="checkbox"/> CA <input type="checkbox"/> RA <input type="checkbox"/> LHRA	<input type="checkbox"/> Airborne Radioactivity
<input checked="" type="checkbox"/> Outside the RCA <input type="checkbox"/> HCA <input type="checkbox"/> HRA <input type="checkbox"/> Spec 2	<input type="checkbox"/> Respiratory Protection Area

Smear Continuation Sheet Used Yes No

Legend

NDA = No Detectable Activity
 Dose rates are gamma and are in mrem/hr unless otherwise noted.
 All smears in Dpm/100cm unless otherwise noted.
 All LAS's in cpm/LAS unless otherwise noted.

- ⊙ - Large Area Swipe Location
- ⊙ - Air Sample Location
- ⊙ - Smear Location
- * - Contact Exposure Rate
- * - General Area Exposure Rate
- ⊗ - Indicates Boundary
- SOP - Stop On Pad
- RPR - Respiratory Protection Required
- ARA - Airborne Radioactivity Area
- RA - Radiation Area
- CA - Contaminated Area
- HRA - High Radiation Area
- LHRA - Locked High Radiation Area
- RM - Radioactive Material(s)
- HCA - High Contamination Area
- HPA - Hot Particle Area
- RCA - Radiologically Controlled Area

HP Manager or Designee Review: [Signature] Date: 3/1/06

Daily Survey Journal

Page 1 of 1

Survey Area #: 9520 and 9530	Survey Area Name: Site Central and Northern Peninsula
Survey Unit #: 0002	WP&IR #: 2006-0007
Specific instructions for using the Daily Survey Journal.	
<ol style="list-style-type: none"> The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the cognizant final status survey (FSS) engineer. All documentation will be complete and legible. 	
TIME	NOTES FOR SAMPLING DATE 3/2/06
0645	Arthur Hammond, Eli Torres, Don Johnson, Jamie Ricarte and Joann Rand attended MBI morning brief for Northern Peninsula work. MBI continues to remove commodities, ACM material and backfill trenches.
0700	A. Hammond briefed J. Ricarte, D. Johnson, J. Rand and E. Torres on work on Northern Peninsula.
0720	A. Hammond to Central and Northern Peninsula for walk down. MBI would like to have all commodities surveyed prior to snow, in order to place them in shipping containers.
0730	J. Rand and D. Johnson surveying commodities in Northern Peninsula.
0740	As per Rick Gault, RP supervisor, MBI OK to dispose of large pine tree from Northern Peninsula via truck monitor. (No additional surveys required)
0745	MBI loading previously surveyed commodities on Northern Peninsula.
0750	MBI operator continues to load ACM material in Survey Unit 9530-0004.
1345	During removal of septic galleries MBI operator pulled out a barrel from excavation. Barrel was crushed and rusty with a yellow bag inside with metal pieces inside bag.
1400	Using an E140 frisker, background 60cpm, direct frisk on bag 1000ccpm. No smearable activity detected.
1405	Notified RP OPS, Rick Gault. Notified J. McCarthy. (initiating a CR)
1410	Survey instrument being used: E600-1112 cal due 9/28/06 with SPA3-8/9/06.
1415	E. Torres scanning soil around MBI trenches (Septic Gallery) #16 and 17. Background 5.5kcpm Scan results 4.5kcpm to 8.9kcpm.
1450	Obtained soil sample 9520-0002-012-RACR, by E Torres. Soil was from excavation where barrel was located. Elevated readings 8.6kcpm with E600.
1453	Obtained soil sample 9520-0002-013-RACR, by E Torres. Soil was from excavation where barrel was located.
1455	Obtained soil sample 9520-0002-014-RACR, by E Torres. Soil was from excavation where barrel was located.
1500	Exploranium completed count. Stored in spectrum #34. Nuclide not identified.
1505	RP OPS escorting barrel to 115Kv yard. Had MBI wrap barrel in tarp.

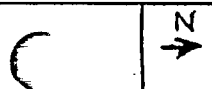
Completed by: Arthur Hammond

Date: March 2, 2006



CONNECTICUT YANKEE ATOMIC POWER COMPANY

SURVEY RECORD FORM

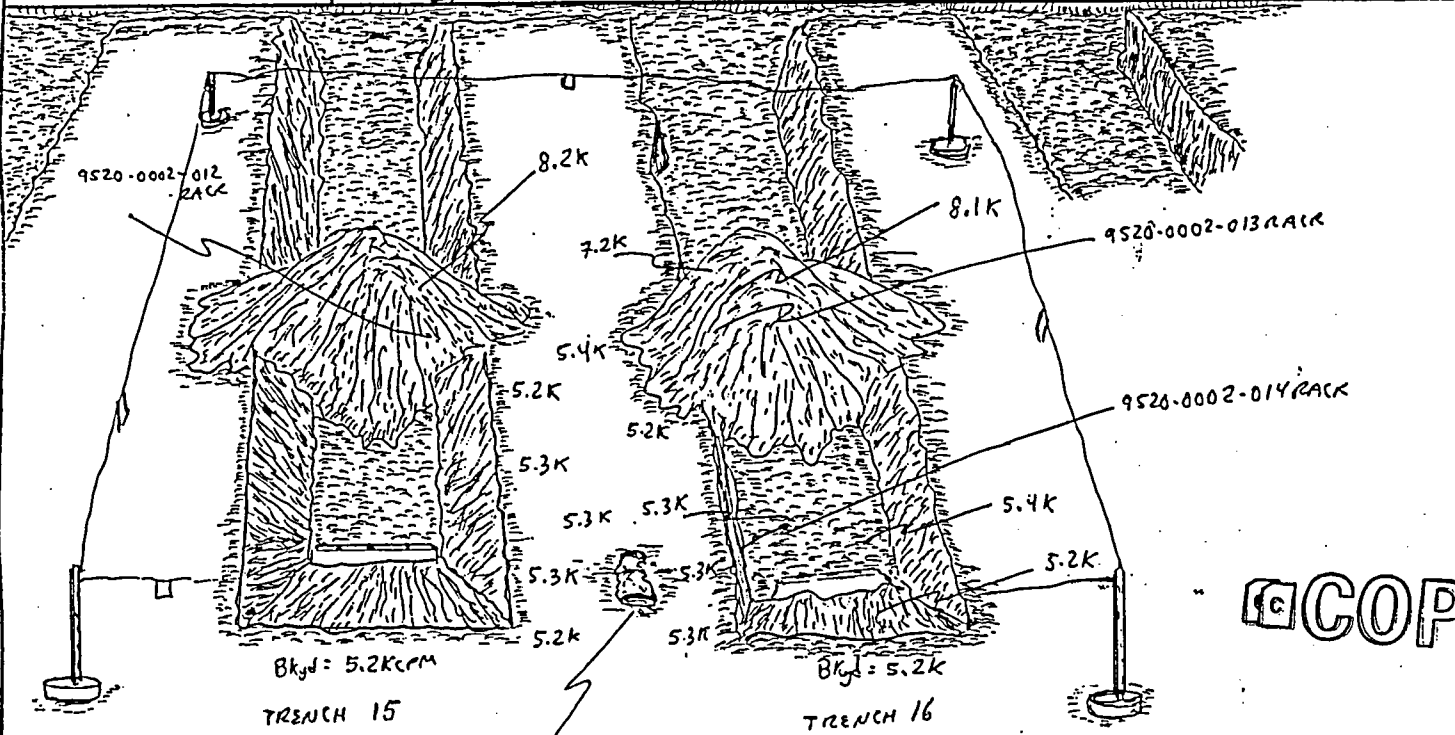


Surveyor Name: (Printed) Eli Torres Surveyor Name: (Signature) [Signature] Location: Boneyard - 0002

Date: 3-2-06 Time: 15:00 Log #: _____

Area #: 9520 Map #: N/A Rev #: N/A

INSTRUMENTS USED			
MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#	CAL DUE
<u>E-600/1112</u>	<u>9-28-06</u>	<u>SPA3/1006</u>	<u>8-9-06</u>
<u>M00 12/209592</u>	<u>11-5-06</u>	<u>HP-360</u>	<u>N/A</u>
	<u>N</u>		
	<u>A</u>		



REASON FOR SURVEY

ROUTINE _____

RWP _____

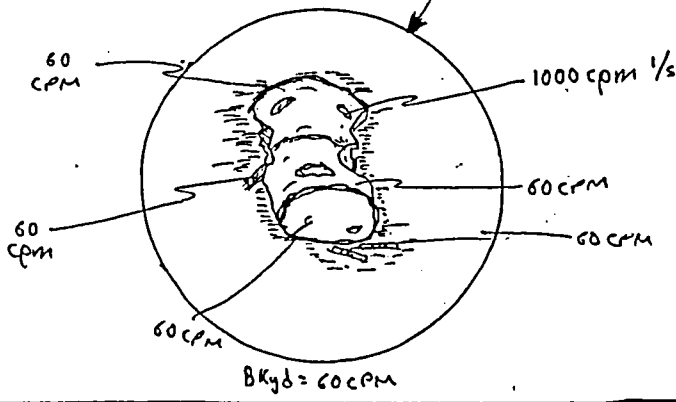
OTHER TRENCHES 15 & 16

Air Sample Control #: N/A Total DAC Fraction: N/A

CONTAMINATION RESULTS (SMEEARS) $\mu\text{pm}/100\text{cm}^2$						
BYMDA* <u>N/A</u>			Q MDA* <u>N/A</u>			
SAMPLE #	RESULTS			SAMPLE #	RESULTS	
	Beta-Gamma	Alpha	Alpha		Beta-Gamma	Alpha
1	N	A		2	N/A	
3				4		
5				6		
7				8		
9				10		
11				12		

COPY

LAS and direct frisk performed on the drum. Survey results indicate, No activity was detected above background by evaluation LAS survey; By direct frisk activity was detected = 1000 cpm. Performed a scanning survey of the soil piles excavated from the trench and the soil between trenches 15-16; Survey results indicate 3 localized areas of the slightly elevated activity above identified action level.



Postings Other _____

RCA RM CA RA LHRA
 Outside The RCA HCA HRA Spec 2

Contact HP Prior to Entering Airborne Radioactivity Area

Respirator Protection Required

Smear Continuation Sheet Used. YES NO

NDA = No Detectable Activity Legend:

Dose rates are gamma and are in mrem/hr unless otherwise noted.
All smears in Dpm/100cm² unless other wise noted.
All LAS's in ccpm/LAS unless other wise noted.

- Large Area Swipe Location
- Air Sample Location
- Smear Location
- Contact Exposure Rate
- General Area Exposure Rate
- Indicates Boundary
- Step Off Road
- Respirator Protection Required
- Airborne Radioactivity Area
- Radiation Area
- Contaminated Area
- High Radiation Area
- Locked High Radiation Area
- Radioactive Material(s)
- High Contamination Area
- Hot Particle Area
- Radiologically Controlled Area

HP MANAGER/OR DESIGNEE REVIEW: [Signature] DATE: 03-06-2006

Daily Survey Journal

Page 1 of 1

Survey Area #: 9520 and 9530	Survey Area Name: Site Central and Northern Peninsula
Survey Unit #: 0002, 0004	WP&IR #: 2006-0007
Specific instructions for using the Daily Survey Journal.	
<ol style="list-style-type: none"> The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the cognizant final status survey (FSS) engineer. All documentation will be complete and legible. 	
TIME	NOTES FOR SAMPLING DATE 3/6/06
0645	Arthur Hammond, Eli Torres, Jamie Ricarte and Don Johnson attended MBI morning brief for Northern Peninsula work. MBI continues to remove commodities from Northern and Central Peninsula areas.
0700	A. Hammond briefed D. Johnson and E. Torres on work on Northern and Central Peninsula.
0720	A. Hammond, E. Torres and d. Johnson walk down of Northern Peninsula. MBI located more debris 2-3' below surface. (a respirator canister, Tyveck suits, metal pieces and miscellaneous material)
0730	Survey instrument being used: E600-1106 cal due 8/15/06 with SPA3-1009 cal due 8/28/06. Used by D. Johnson and E. Torres.
0735	MBI continues to excavate galleries from Old Septic Leech Field.
0830	D. Johnson scanning soil piles from excavations. BKG 6.5kcpm, action level 7.6kcpm. No elevated readings.
0831	Waste group to Northern Peninsula to load out septic galleries. (BSFR waste)
0840	A. Hammond shooting GPS location of barrel (located on 3/2/06) and location of debris outside shack on peninsula.
1040	Obtained soil sample 9520-0002-015-RACR, by D. Johnson. (next to trench #18)
1041	Elevated readings on soil in several locations. Placed Exploranium on areas, nuclide identified, K-40. Obtained one sample at elevated reading.
1045	Obtained soil sample 9520-0002-016-RACR, by D. Johnson. Taking at elevated reading West trench #19.
1100	MBI given permission to backfill area along canal to allow access to Central Peninsula.
1300	MBI continues to remove commodities from Central and Northern Peninsula.
1330	Technicians continue scanning soil and surveying commodities in 9530-0004.
1430	Obtained soil sample 9530-0004-030-RACR, by D. Johnson.
1436	Obtained soil sample 9530-0004-031-RACR, by D. Johnson.
1440	Obtained soil sample 9530-0004-032-RACR, by D. Johnson.
1445	Completed COC for samples. Samples taken to on-site counting lab.

Completed by: Arthur L. Hammond

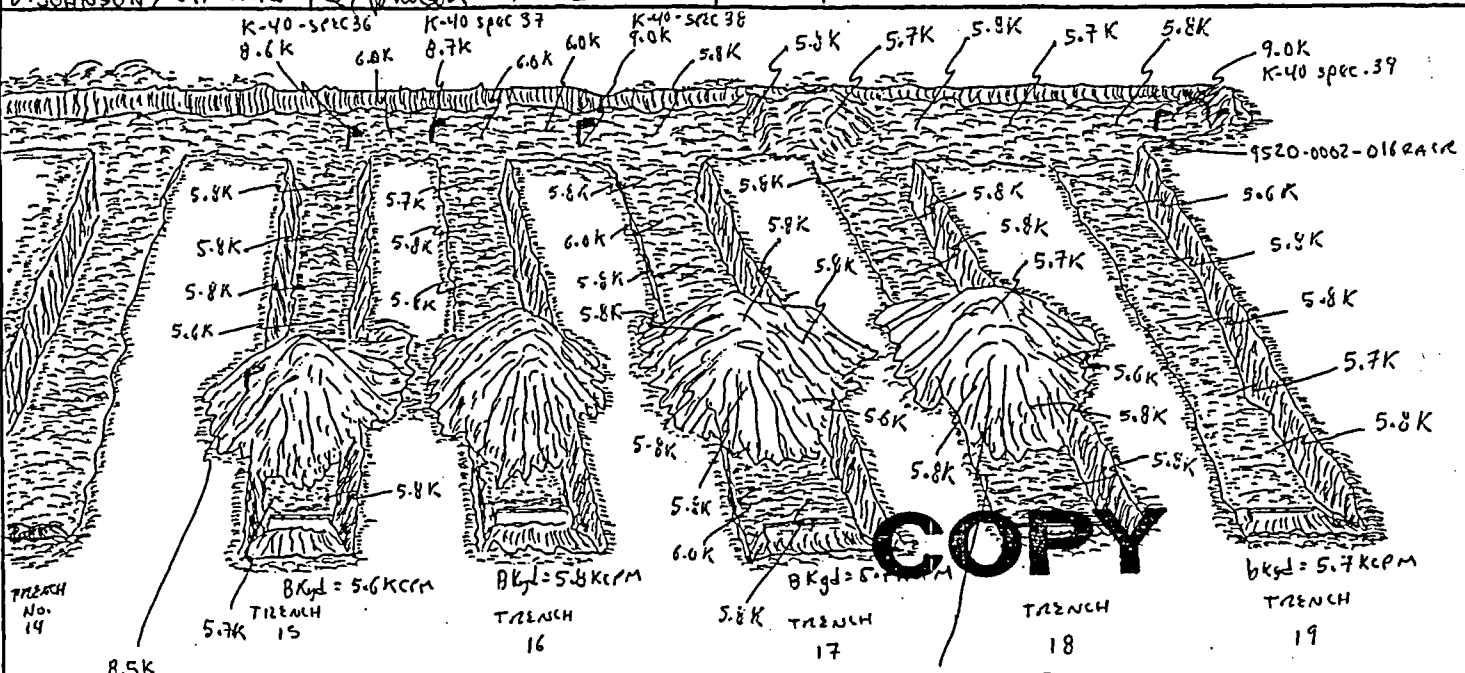
Date: March 6, 2006

**CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY REPORT FORM**

→

Surveyor Name (Printed) D. JOHNSON / EIP Tonne Surveyor Name (Signature) D. Johnson Location Boneyard - 0002

Date: 3-6-2006 Time: 12:00 Log # _____
Area: 9520 Map # N/A Rev # N/A



Instruments Used			
Model/Serial #	Cal Due	Probe/Serial #	Cal Due
E-600/1106	8-15-06	SPA-3/1009	8-29-06
ELECTRA/5053	6-15-06	BP198D/262	6-15-06
EXPLORANIUM GR-30/1177	10-14-06	N/A	N/A
	N/A		

Reason For Survey
 Routine RACR
 RWP TRENCHES 15 to 19
 Other

Air Sample Control # N/A Total DAC Fraction N/A

CONTAMINATION RESULTS (SMEAR) dpm/100cm

Sample #	RESULTS			Sample #	RESULTS		
	Beta	Gamma	Alpha		Beta	Gamma	Alpha
	N/A				N/A		
	N/A				N/A		
	N/A				N/A		
	N/A				N/A		
	N/A				N/A		
	N/A				N/A		
	N/A				N/A		
	N/A				N/A		

Performed a scanning survey of the soil piles excavated from the trenches 15 & 19 and 1/2 trenches; Survey results indicate 5 localized areas of slightly elevated activity above identified action levels. Performed Exploranium evaluation on five locations previously identified as areas of elevated activity; Exploranium evaluation identified K-40.

COPY

9520-0062-015 RACR
 LAS smear and direct frisk survey performed on used tyvek suits, one respirator filter, one metal piece stockpiled between trenches 18 and 19;
 Survey results indicate No activity was detected above background by direct frisk and evaluation of LAS smear survey.
 Bkgd = 220 cpm

Postings

<input type="checkbox"/> Other	<input type="checkbox"/> RCA	<input checked="" type="checkbox"/> RM	<input type="checkbox"/> CA	<input type="checkbox"/> RA	<input type="checkbox"/> LHRA	<input type="checkbox"/> Contact HP Prior to Entering
<input checked="" type="checkbox"/> Outside the RCA	<input type="checkbox"/> HCA	<input type="checkbox"/> HRA	<input type="checkbox"/> Spec 2	<input type="checkbox"/> Respiratory Protection Area		

Smear Continuation Sheet Used Yes No

Legend

NDA = No Detectable Activity

Dose rates are gamma and are in mrem/hr unless otherwise noted.
 All smears in Dpm/100cm unless otherwise noted.
 All LAS's in cpm/LAS unless otherwise noted.

- ⊗ - Large Area Swipe Location
- ⊙ - Air Sample Location
- ⊕ - Smear Location
- ⊖ - Contact Exposure Rate
- ⊗ - General Area Exposure Rate
- - Indicates Boundary
- ⊞ - Stop OR Pad
- RPR - Respiratory Protection Required

- ARA - Airborne Radioactivity Area
- RA - Radiation Area
- CA - Contaminated Area
- HRA - High Radiation Area
- LHRA - Locked High Radiation Area
- RM - Radioactive Material(s)
- HCA - High Contamination Area
- HPA - Hot Particle Area
- RCA - Radiologically Controlled Area

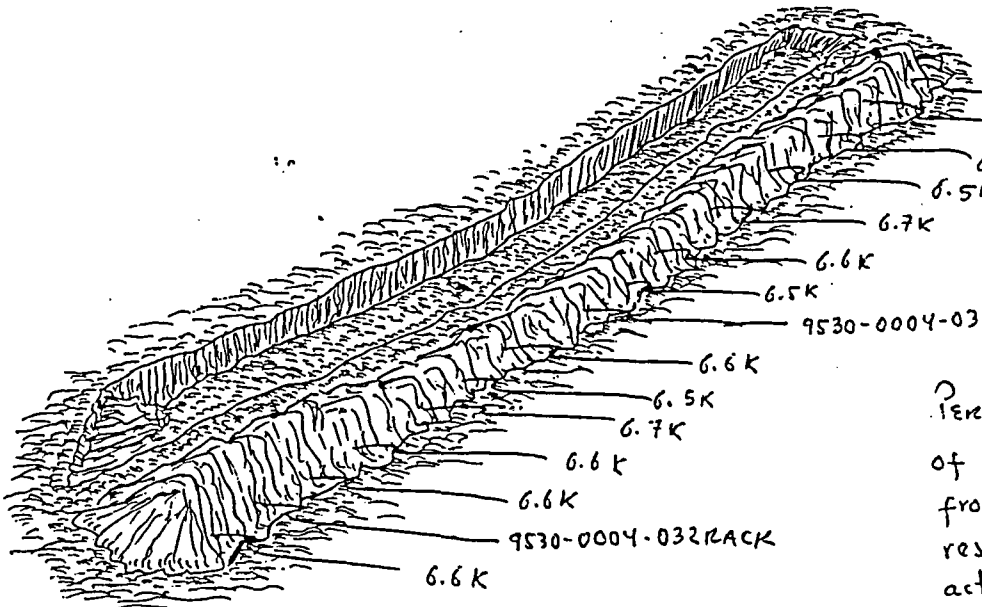
HP Manager or Designee Review _____ Date 3/7/06

CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY REPORT FORM



Surveyor Name (Printed): D. JOHANSON / Eli Tomar
 Surveyor Name (Signature): [Signature]
 Location: PENINSULA - 0004

Date: 3-6-06 Time: 16:00 Log #
 Area: 9530 Map # N/A Rev # N/A



Bkgd = 6.4 kcpm
 9530-0004-030 RACK

Performed a scanning survey of the soil piles excavated from the trench; Survey results indicate No elevated activity above identified action level was detected by scan survey.

LAS smear and direct frisk survey performed on pipes and electrical cables removed from the trench; Survey results indicate No activity was detected above background by direct frisk and evaluation of LAS smear survey.

Bkgd = 200 cpm

COPY

Instruments Used			
Model/Serial #	Cal Due	Probe/Serial #	Cal Due
F-600 / 1106	8-15-06	SLA3 / 1009	8-28-06
Electra / 15053	6-15-06	BP19BD / 212	6-15-06
	N		
	A		

Reason For Survey

Routine **RACK**

RWP

Other

Air Sample Control # N/A Total DAC Fraction N/A

CONTAMINATION RESULTS (SMEAR) dpm/100cm

BY MDA = N/A α MDA = N/A

Sample	RESULTS		Sample	RESULTS	
	Beta Gamma	Alpha		Beta Gamma	Alpha
	N	A		N	A

Smear Continuation Sheet Used Yes No

Legend

NDA = No Detectable Activity

Dose rates are gamma and are in mrem/hr unless otherwise noted.
 All smears in Dpm/100cm unless otherwise noted.
 All LAS's in ccpm/LAS unless otherwise noted.

- Large Area Swipe Location
- Air Sample Location
- Smear Location
- Contact Exposure Rate
- General Area Exposure Rate
- Indicates Boundary
- Step ON Pad
- RPR
- Respiratory Protection Required
- ARA - Absorbing Radioactivity Area
- RA - Radiation Area
- CA - Contaminated Area
- HRA - High Radiation Area
- LHRA - Locked High Radiation Area
- RM - Radioactive Material(s)
- HCA - High Contamination Area
- HPA - Hot Particle Area
- RCA - Radiologically Controlled Area

Postings

Other

RCA RM CA RA LHRA

Outside the RCA HCA HRA Spec 2

Contact HP Prior to Entering

Airborne Radioactivity

Respiratory Protection Area

HP Manager or Designee Review: [Signature] Date: 03.07.2006

Daily Survey Journal

Page 1 of 1

Survey Area #: 9520 and 9530	Survey Area Name: Site Central and Northern Peninsula
Survey Unit #: 0002, 0004	WP&IR #: 2006-0007
Specific instructions for using the Daily Survey Journal.	
1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the cognizant final status survey (FSS) engineer.	
2 All documentation will be complete and legible.	
TIME	NOTES FOR SAMPLING DATE 3/7/06
0645	Arthur Hammond, Eli Torres, Jamie Ricarte and Don Johnson attended MBI morning brief for Northern Peninsula work. MBI continues to remove commodities from Northern and Central Peninsula areas.
0700	A. Hammond briefed D. Johnson and E. Torres on work on Northern and Central Peninsula.
0705	A. Hammond notified by John DeGostin that breaker needs to be reset in EOF instrument room.
0710	Notified electricians that power was out to computers in EOF.
0715	A. Hammond walk down of Northern Peninsula.
0725	Gave MBI permission to back fill trench in 9530-0004 north of ACM area. (per Jeff Wagner)
0830	Electrician to EOF to reset breaker.
0845	Survey instrument being used: E600-1106 cal due 8/15/06 with SPA3-1009 cal due 8/28/06. Used by D. Johnson and E. Torres.
0930	MBI has permission (per Jeff Wagner) to back fill area along road in 9520-0002 to allow vehicles access to Central Peninsula prior to receiving soil sample results.
1015	Obtained soil sample 9520-0002-017-RACR from gallery trench, by Don Johnson.
1020	Obtained soil sample 9520-0002-018-RACR from gallery trench, by Don Johnson.
1040	Attempt to obtain soil sample from ACM area in 9530-0004 unsuccessful due ground being frozen and covered with 1-1½" snow and ice.
1100	Obtained soil sample 9530-0004-033-RACR, by D. Johnson. Sample obtained south of GS-3.
1105	Obtained soil sample 9530-0004-034-RACR, by D. Johnson. Sample obtained south of GS-3.
1245	MBI continues to remove Septic galleries from Northern Peninsula.
1400	MBI held briefing for site wide commodities and utilities removal in industrial area and non-industrial areas.
1510	Obtained soil samples 9530-0004-035-RACR, by J. Ricarte. Sample obtained from ACM remediate area.
1515	Obtained soil samples 9530-0004-036-RACR, by J. Ricarte. Sample obtained from ACM remediate area.
1520	Obtained soil samples 9530-0004-037-RACR, by J. Ricarte. Sample obtained from ACM remediate area.
1521	Technicians scanning soil and surveying commodities removed from excavations.
1530	Obtained soil samples 9530-0004-038-RACR, by J. Ricarte. South of GS-3.
1545	Completed COC, technician, J. Ricarte taking samples to on site count room.

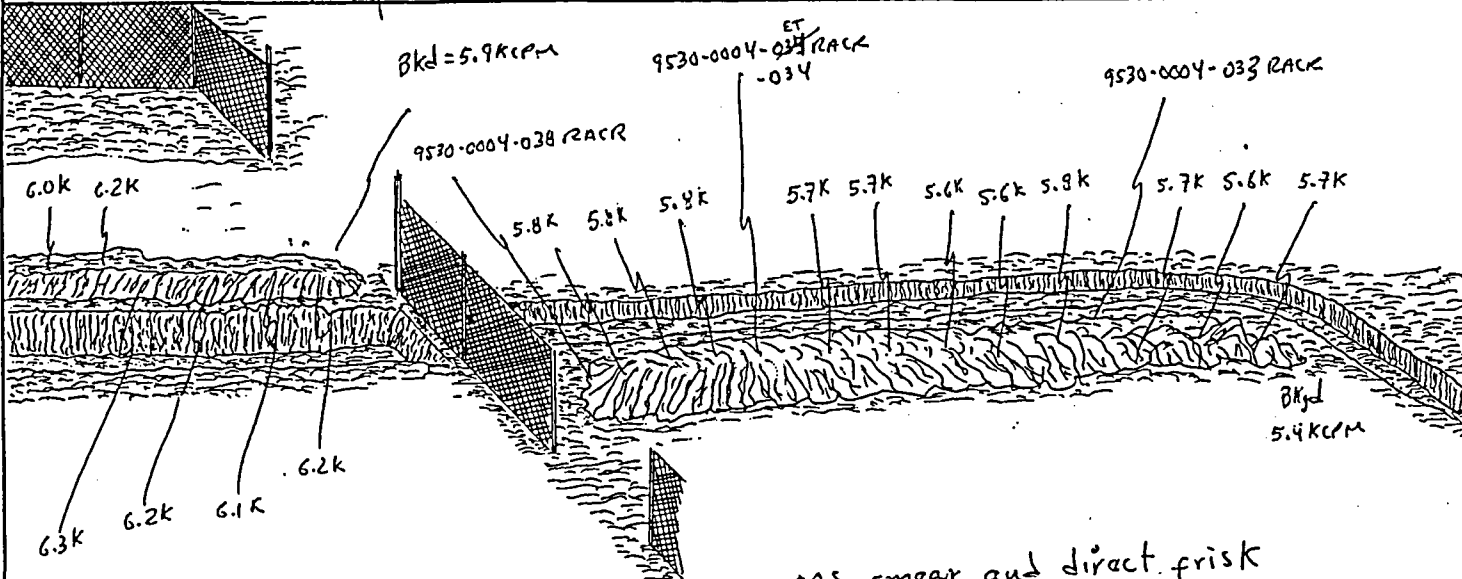
Completed by: Arthur L. Hammond

Date: March 7, 2006

CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY REPORT FORM

Surveyor Name (Printed) V. Johnson / Eli Tower Surveyor Name (Signature) [Signature] Location PENINSULA-0004 / Boneyard - 0003

Date: 3-7-06 Time: 11:00 Log # _____
Area: 9530 / 9520 Map # N/A Rev # N/A



Instruments Used			
Model/Serial #	Cal Due	Probe/Serial #	Cal Due
E-600 / 1110	9-27-06	SQA 3 / 1010	8-9-06
EGEM 5053	6-15-06	BP1980 / 202	6-15-06
N A			

Reason For Survey

Routine RACK

RWP

Other

Air Sample Control # N/A Total DAC Fraction N/A

CONTAMINATION RESULTS (SMEAR) dpm/100cm

BY MDA = N/A α MDA = N/A

Sample	RESULTS		Sample	RESULTS	
	Beta Gamma	Alpha		Beta Gamma	Alpha
N/A					
N/A					
N/A					
N/A					
N/A					
N/A					

Performed a scanning survey of the soil piles excavated from the trenches; Survey results = No elevated activity above identified action levels were detected by scan survey.

CAS smear and direct frisk performed on pipes removed from the trench. No activity was detected above background by direct frisk and evaluation of CAS smear survey. BKyd = 240 cpm

COPY

Postings

Other

RCA RM CA RA LHRA

Outside the RCA HCA HRA Spec 2

Contact HP Prior to Entering

Airborne Radioactivity

Respiratory Protection Area

Smear Continuation Sheet Used Yes No

Legend

NDA = No Detectable Activity
 Dose rates are gamma and are in mrem/hr unless otherwise noted.
 All smears in Dpm/100cm unless otherwise noted.
 All LAS's in ccpm/LAS unless otherwise noted.

- Large Area Swipe Location
- Air Sample Location
- Smear Location
- Contact Exposure Rate
- General Area Exposure Rate
- Indicates Boundary
- Stop On Pad
- Respiratory Protection Required
- ARA - Airborne Radioactivity Area
- RA - Radiation Area
- CA - Contaminated Area
- HRA - High Radiation Area
- LHRA - Locked High Radiation Area
- RM - Radioactive Material(s)
- HCA - High Contamination Area
- HPA - Hot Particle Area
- RCA - Radiologically Controlled Area

HP Manager or Designee Review [Signature] Date 03-08-2006

Attachment C
Daily Survey Journal

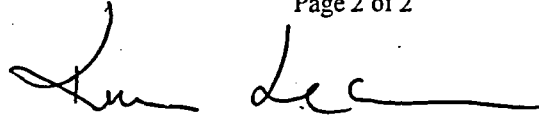
Page 1 of 2

Survey Area #: 9520	Survey Area Name: Site Central and Northern Peninsula
Survey Unit #:- 0001	WP&IR #: 2006-0007 SSWP 06-01-004
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 03/08/2006
0645	Briefed personnel. Survey and sampling technicians, Eli Torres, Don Johnson, Jamie Ricarte and John Degostin. Survey supervisor Keith LeClair.
0700	Technicians securing required materials and equipment to perform the survey plan.
0800	Performed a survey of a large blue tarp to support disposal of the tarp.
1300	Survey and sampling to support further excavation on the peninsula is active.
1306	Sample location 9520-0001-004-RACA taken by Eli Torres.
1303	Sample location 9520-0001-005-RACA taken by Eli Torres.
	Samples controlled by C of C 2006-00128 and stored in a locked configuration prior to delivery for processing.
1308	Scan survey of soil piles excavated by MBI personnel this morning is active.
	Instrument Information:
	E 600 # 1112 Cal Due 09/25/2006 with SPA 3 probe # 1006 Cal Due 08/09/2006
	E 600 # 1110 Cal Due 09/27/2006 with SPA 3 probe # 1010 Cal Due 08/09/2006
	Instrument background 6.5 K CPM.
1330	Scan surveys complete. No elevated levels of activity detected.
1400	Performed a direct frisk and LAS survey of the remaining peninsula fence on the South and West sides of the peninsula. This effort completes the survey of fencing for the peninsula.
	Discussed deposing of the peninsula from Radioactive Materials Area with Rick Gault HP Supervisor. Rick concurs with deposing the peninsula at this time.
1540	Survey of fencing materials and deposing of the peninsula is complete. All tools and equipment returned to appropriate storage locations.

Attachment C
Daily Survey Journal

Page 2 of 2

Completed by;

A handwritten signature in black ink, appearing to be "L. M. Lee" or similar, written over a horizontal line.

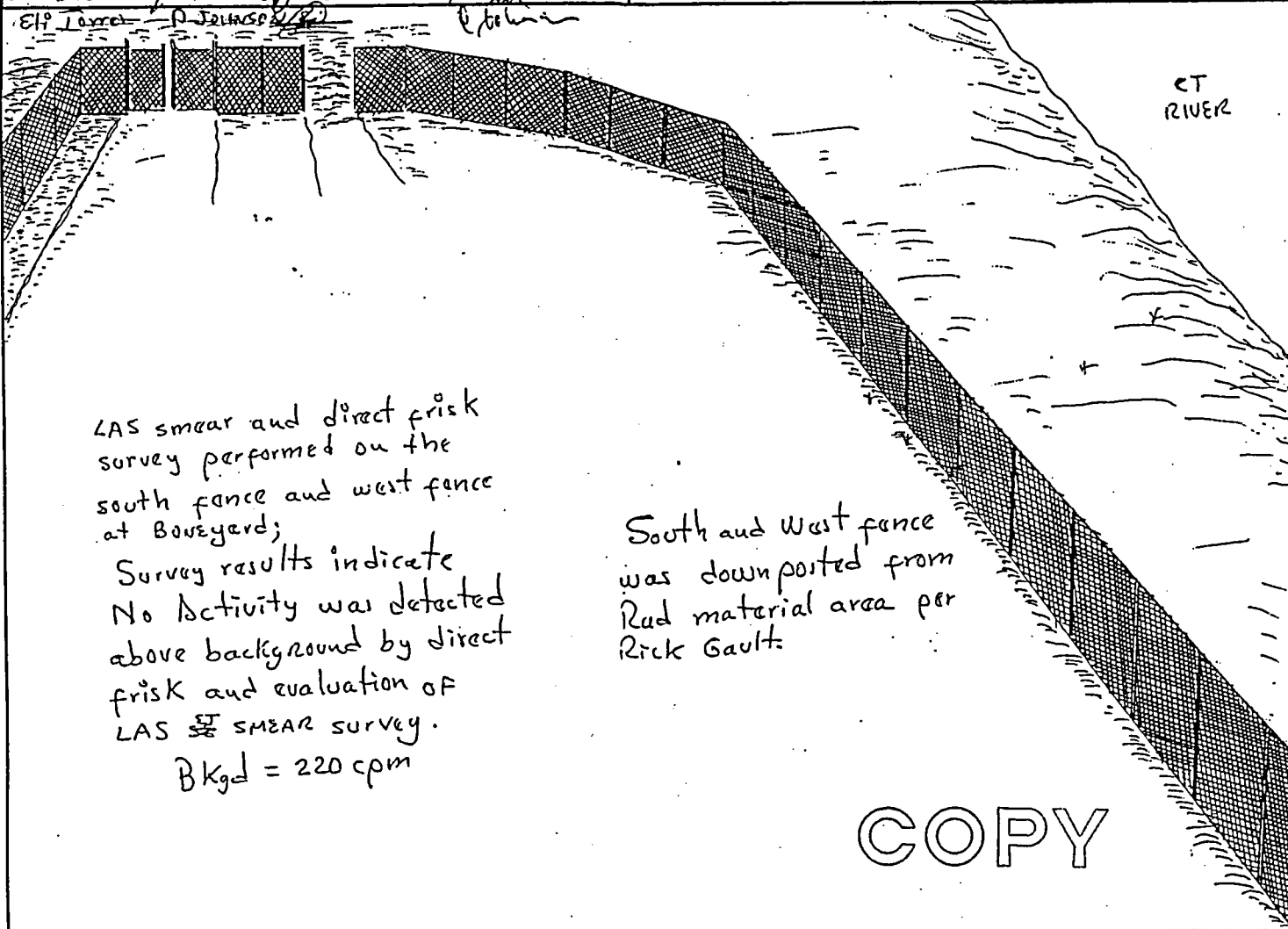
CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY REPORT FORM

↓ N

Surveyor Name (Printed) John DeGostino / S. Riccardi
 Surveyor Name (Signature) [Signatures]

Location Bonnyard - 0003; 0002, 0001

Date: 3-8-06 Time: 10:00 Log #
 Area: 9520 Map # N/A Rev # N/A



Instruments Used			
Model/Serial #	Cal Due	Probe/Serial #	Cal Due
ELECTRA / 5053	6-15-06	BP1980 / 262	6-15-06
ELECTRA / 5052	3-28-06	BP1980 / 263	3-28-06
ELECTRA / 5055	9-20-06	BP1980 / 268	9-20-06
	N/A		

Reason For Survey

Routine

RWP

Other RACR

Air Sample Control # N/A Total DAC Fraction N/A

CONTAMINATION RESULTS (SMEAR) dpm/100cm

Sample	RESULTS		Sample	RESULTS	
	Beta Gamma	Alpha		Beta Gamma	Alpha
BY MDA = N/A		BY MDA = N/A			
N/A		N/A		N/A	
A		A		A	
A		A		A	
A		A		A	

Smear Continuation Sheet Used Yes No

- Legend
- NDA = No Detectable Activity
 Dose rates are gamma and are in mrem/hr unless otherwise noted.
 All smears in Dpm/100cm unless otherwise noted.
 All LAS's in ccpm/LAS unless otherwise noted.
- Large Area Swipe Location
 - Air Sample Location
 - Smear Location
 - Contact Exposure Rate
 - General Area Exposure Rate
 - Indicates Boundary
 - Step OR Pad
 - RPR - Respiratory Protection Required
 - ARA - Airborne Radioactivity Area
 - RA - Radiation Area
 - CA - Contaminated Area
 - HRA - High Radiation Area
 - LHRA - Locked High Radiation Area
 - RM - Radioactive Materials
 - HCA - High Contamination Area
 - HPA - Hot Particle Area
 - RCA - Radiologically Controlled Area

HP Manager or Designee Review Date
 [Signature] 03.09.2006

Postings

Other N/A

RCA RM CA RA LHRA

Outside the RCA HCA HRA Spec 2

Contact HP Prior to Entering

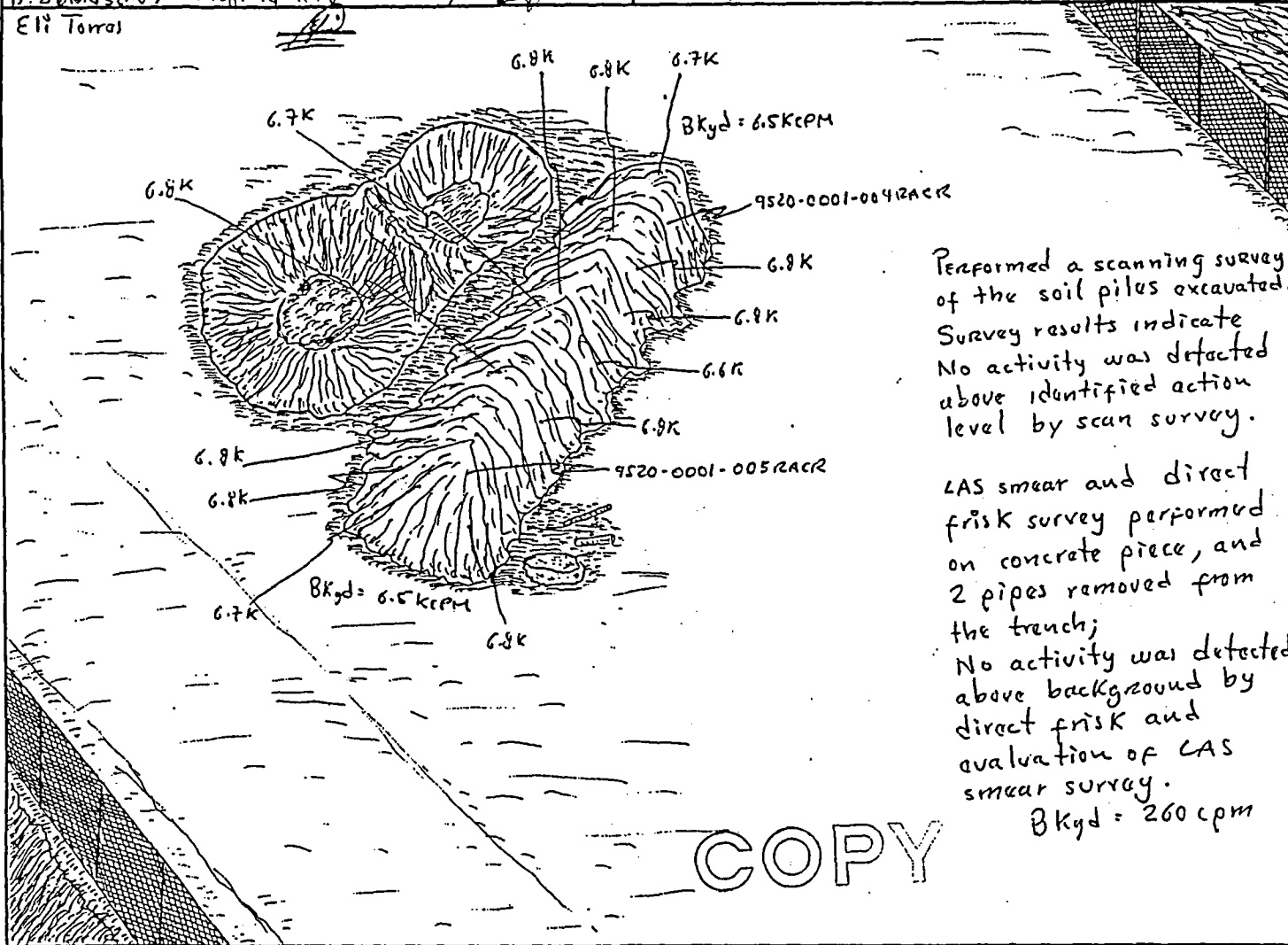
Airborne Radioactivity

Respiratory Protection Area

COPY

Surveyor Name (Printed) D. JOHNSON / J. RICARTE Surveyor Name (Signature) *[Signature]* Location Boneyard - 0001

Date: 3-8-06 Time: 16:00 Log # _____
Area: 9520 Map # N/A Rev # N/A



Performed a scanning survey of the soil piles excavated. Survey results indicate No activity was detected above identified action level by scan survey.

LAS smear and direct frisk survey performed on concrete piece, and 2 pipes removed from the trench; No activity was detected above background by direct frisk and evaluation of LAS smear survey.
Bkgd = 260 cpm

COPY

Instruments Used			
Model/Serial #	Cal Due	Probe/Serial #	Cal Due
E-600/1112	9-28-06	SPA3/1006	8-9-06
E-600/1110	9-27-06	SPA3/1010	8-9-06
ELECTRA/5053	6-15-06	BP1900/262	6-15-06
	N/A		

Reason For Survey	
<input type="checkbox"/> Routine	<u>RACR</u>
<input type="checkbox"/> RWP	
<input checked="" type="checkbox"/> Other	

Air Sample Control # N/A Total DAC Fraction N/A

CONTAMINATION RESULTS (SMEAR) dpm/100cm

BY MDA = <u>N/A</u>			α MDA = <u>N/A</u>		
Sample	RESULTS		Sample	RESULTS	
	Beta Gamma	Alpha		Beta Gamma	Alpha

Smear Continuation Sheet Used Yes No

Legend

NDA = No Detectable Activity
Dose rates are gamma and are in mrem/hr unless otherwise noted.
All smears in dpm/100cm unless otherwise noted.
All LAS's in cpm/LAS unless otherwise noted.

	Large Area Swipe Location	ARA	Airborne Radioactivity Area
	Air Sample Location	RA	Radiation Area
	Smear Location	CA	Contaminated Area
	Contact Exposure Rate	HRA	High Radiation Area
	General Area Exposure Rate	LHRA	Locked High Radiation Area
	Indicates Boundary	RM	Radioactive Material(s)
	Step ON Pad	HCA	High Contamination Area
	Respiratory Protection Required	HPA	Hot Particle Area
		RCA	Radioactively Contaminated Area

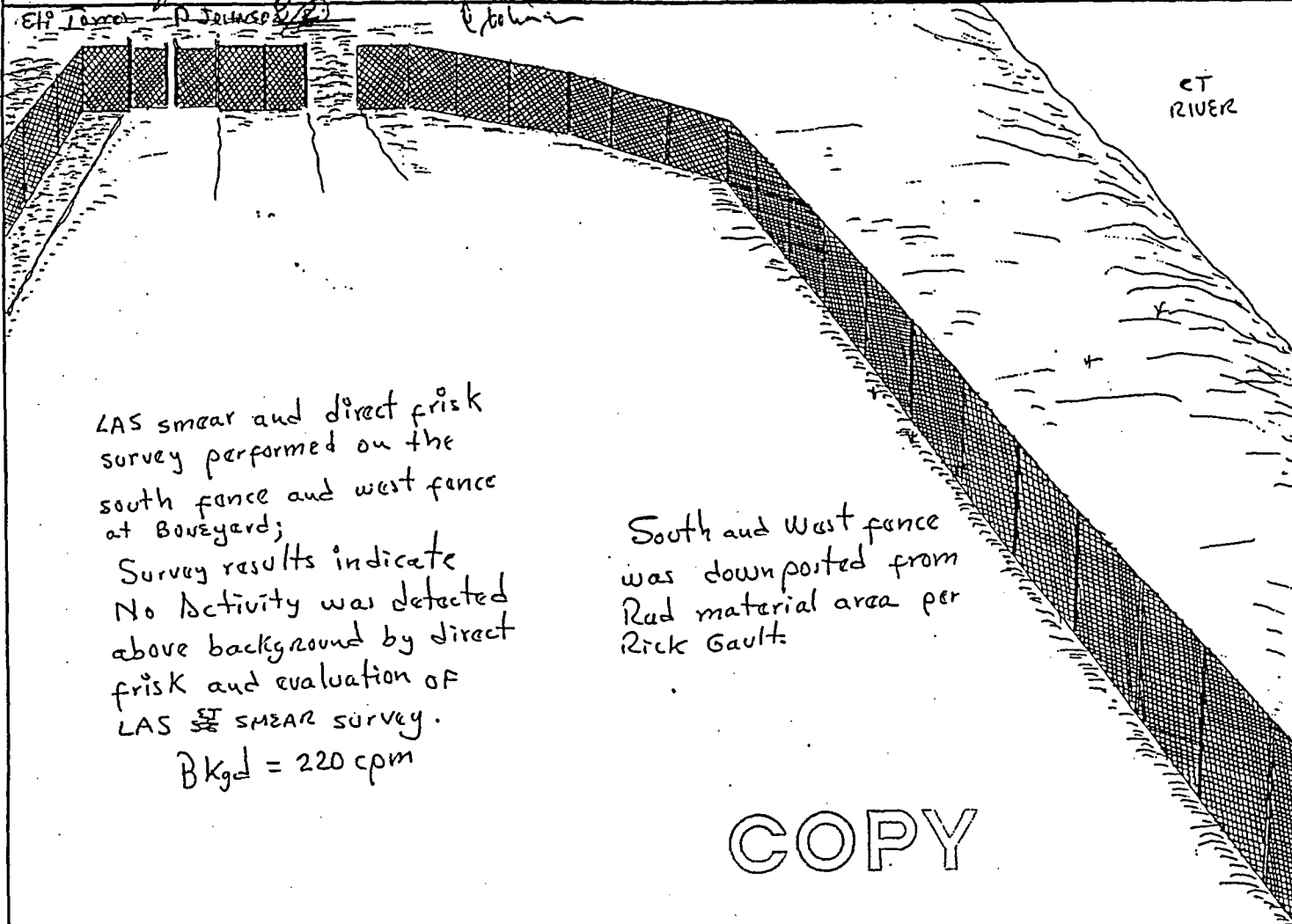
Postings	<input checked="" type="checkbox"/> Other DANGER ROPE					<input type="checkbox"/> Contact HP Prior to Entering
	<input type="checkbox"/> RCA	<input type="checkbox"/> RM	<input type="checkbox"/> CA	<input type="checkbox"/> RA	<input type="checkbox"/> LHRA	<input type="checkbox"/> Airborne Radioactivity
	<input checked="" type="checkbox"/> Outside the RCA	<input type="checkbox"/> HCA	<input type="checkbox"/> HRA	<input type="checkbox"/> Spec 2	<input type="checkbox"/> Respiratory Protection Area	

HP Manager or Designee Review *[Signature]* Date 03.09.2006

CONNECTICUT YANKEE ATOMIC COMPANY
SURVEY () 3RD FORM

Surveyor Name (Printed) John DeGostino / J. Riccardi Surveyor Name (Signature) [Signature] Location Boneyard - 0003; 0002, 0001

Date: 3-8-06 Time: 16:00 Log # _____
Area: 9520 Map # N/A Rev # N/A



Instruments Used

Model/Serial #	Cal Due	Probe/Serial #	Cal Due
ELECTRA / 5053	6-15-06	BP196D / 262	6-15-06
ELECTRA / 5052	3-28-06	BP198D / 263	3-28-06
ELECTRA / 5055	9-20-06	BP196D / 268	9-20-06
	N/A		

Reason For Survey

Routine RACR

RWP

Other

Air Sample Control # N/A Total DAC Fraction N/A

CONTAMINATION RESULTS (SMEAR) dpm/100cm

BY MDA = N/A α MDA = N/A

Sample	RESULTS		Sample	RESULTS	
	Beta Gamma	Alpha		Beta Gamma	Alpha

Postings

<input type="checkbox"/> Other <u>N/A</u>	<input type="checkbox"/> RCA	<input type="checkbox"/> RM	<input type="checkbox"/> CA	<input type="checkbox"/> RA	<input type="checkbox"/> LHRA	<input type="checkbox"/> Contact HP Prior to Entering
<input checked="" type="checkbox"/> Outside the RCA	<input type="checkbox"/> HCA	<input type="checkbox"/> HRA	<input type="checkbox"/> Spec 2	<input type="checkbox"/> Respiratory Protection Area		

Smear Continuation Sheet Used Yes No

Legend

NDA = No Detectable Activity

Dose rates are gamma and are in mrem/hr unless otherwise noted.
All smears in cpm/100cm unless otherwise noted.
All LAS's in cpm/LAS unless otherwise noted.

- Large Area Swipe Location
- Air Sample Location
- Smear Location
- Contact Exposure Rate
- General Area Exposure Rate
- Indicative Boundary
- Stop DR Pad
- Respiratory Protection Required
- ARA - Airborne Radioactivity Area
- RA - Radiation Area
- CA - Contaminated Area
- HRA - High Radiation Area
- LHRA - Locked High Radiation Area
- RM - Radioactive Materials
- HCA - High Contamination Area
- HPA - Hot Particle Area
- RCA - Radiologically Controlled Area

HP Manager or Designee Review [Signature] Date 03-09-2006

Attachment C
Daily Survey Journal
 Page 1 of 2

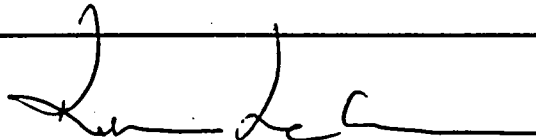
Survey Area #: 9520	Survey Area Name: Northern Peninsula
Survey Unit #:- 0001	WP&IR #: 2006-0007 , SSWP 06-01-004
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 03/09/2006
0700	Briefed survey and sampling team on performance of SSWP. Survey and sampling technicians Don Johnson, Eli Torres, John Degostin and Jamie Ricarte. Survey supervisor Keith LeClair.
0715	Survey team secures equipment materials and instruments to support sampling plan.
0800	Excavation and commodity removal continues in the North peninsula area from the top of the septic leach field to the septic tanks at the top of the peninsula.
0930	Survey of commodities from the North end of the peninsula is active.
0930	Survey of concrete staged at the open area adjacent to the formed intake structure is active.
1020	Excavation begins of the concrete duct bank from the top of the discharge structure head works to the top of the peninsula road.
	No elevated levels of activity have been detected on the commodities surveyed this morning.
1100	Inspection of the septic leach field found yellow colored material and additional 55 gallon drum debris in the area where a 55 gallon drum was recovered last week. Follow up surveys found no elevated levels of activity on the drum debris or on the yellow colored items. Jeff Wagner, Rick Gault and Rich McGrath notified of the discovery.
1300	Survey of the concrete pieces of excavated duct bank is active. The duct bank has been broken in to sections with a hoe ram and is being surveyed piece meal.
1330	Survey of conduit from the duct bank is active.
1430	Two soil samples have been taken from the trench under the duct bank to support the free release of the duct bank concrete. The soil samples will be counted to environmental LLD. Due to the amounts of soil on the concrete as well as the small pieces of concrete from the excavation mixed with soil it was determined by Jeff Wagner that load out of the commodities would be dependant upon the acceptability of the soil sample results. All of the concrete and commodities have been stockpiled after having been surveyed.
1500	All pieces of the drum debris discovered earlier today have been collected and brought

Attachment C
Daily Survey Journal

Page 2 of 2

	through the truck monitor for evaluation. No alarms were experienced during the evaluation. The drum debris has been taken in to the RCA for disposal as RAD trash.
1500	Survey of the water main piping removed from the trench below the duct bank is active. Access to this piping system required the complete removal of the duct bank and further excavation of soil to access the piping.
	Additionally a 4 inch line, thought to be a component of the septic system has been excavated and surveyed. The 4 inch piping has been segregated for disposal as BSFR waste if it is in fact septic piping.
1610	Equipment and materials have been returned to appropriate storage locations. No SSWP related soil samples were taken today so no C of C's apply to today's activities.
	No elevated levels of activity were detected on any of the commodities surveyed this afternoon.

Completed by;



Attachment C
Daily Survey Journal

Page 1 of 2

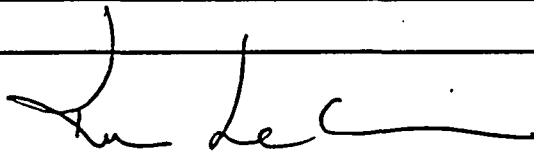
Survey Area #: 9520	Survey Area Name: Site Northern Peninsula
Survey Unit #:- 0001	WP&IR #: 2006-0007
Specific instructions for using the Daily Survey Journal.	
<ol style="list-style-type: none"> 1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer. 2 All documentation will be complete and legible. 	
TIME	NOTES FOR SAMPLING DATE 03/13/2006
0700	Briefed personnel on performance of SSWP. Survey team consists of Jamie Ricarte, Joanne Rand, Don Johnson, John Degostin and Eli Torres. Survey supervisor Keith LeClair.
0930	Provided support for MBI operator who was assigned to break up and rake through dirt piles and frost layers of soil excavated from the septic leach field. Any suspect materials found during the search are to be surveyed. This activity is a follow up to the discovery of buried 55 gallon drums in the area of the septic leach field.
1100	Scanning survey of the dirt piles excavated during the removal of commodities from the trench south of the septic system hold up tanks down to the top of the leach field is active.
	Instrument information:
	E 600 1112, Cal Due 09/28/2006 with SPA 3 1006, Cal Due 08/09/2006
	E 600 1110, Cal Due 09/27/2006 with SPA 3 1010, Cal Due 08/09/2006
1110	Soil sampling performed by Don Johnson and Jamie Ricarte.
1112	Sample location 9520-0001-006 RACR complete.
1114	Sample location 9520-0001-007 RACR complete.
1118	Sample location 9520-0001-008 RACR complete.
	These soil samples are controlled by C of C 2006-00150. Samples have been taken to the RCA counting facility for processing.
1145	Scanning survey complete. No elevated levels of activity where identified.
1145	Excavation continues in the industrial area yard north of the peninsula east to the discharge structure headworks.
	The approval has been given to allow the disposal of excavated conduit based upon a visual inspection to determine if the conduit is sufficiently free of adhered soil. Disposal of the concrete duct bank removed from the same area is being evaluated. Characterization in the

Attachment C
Daily Survey Journal

Page 2 of 2

	area identified activity that may impact the release of the concrete with adhered soil issues.
1300	Survey for release of waste materials staged by the MBI connex box at the top of the peninsula is active.
	The list of materials being surveyed includes: silt curtains from the discharge canal, 16 inch black corrugated plastic piping, plywood, wood strapping, absorbent snakes, 2 inch PVC piping and damaged plastic tarps.
1415	Survey of the above listed items is complete. No elevated levels of activity were identified. The waste materials have been positioned for load out and disposal with clean waste.
1500	Commodity removal continues in the trench from the top of the peninsula along the concrete duct bank north towards the intake structure area. Any conduit removed from the trench and duct bank continues to be surveyed.
1530	Rake out of the dirt piles in the septic tank area has been completed. Several small items were recovered over the course of the day. All of the items were surveyed and found to have no elevated levels of activity.
1600	All tools and equipment returned to appropriate storage locations for the end of the shift.

Completed by;

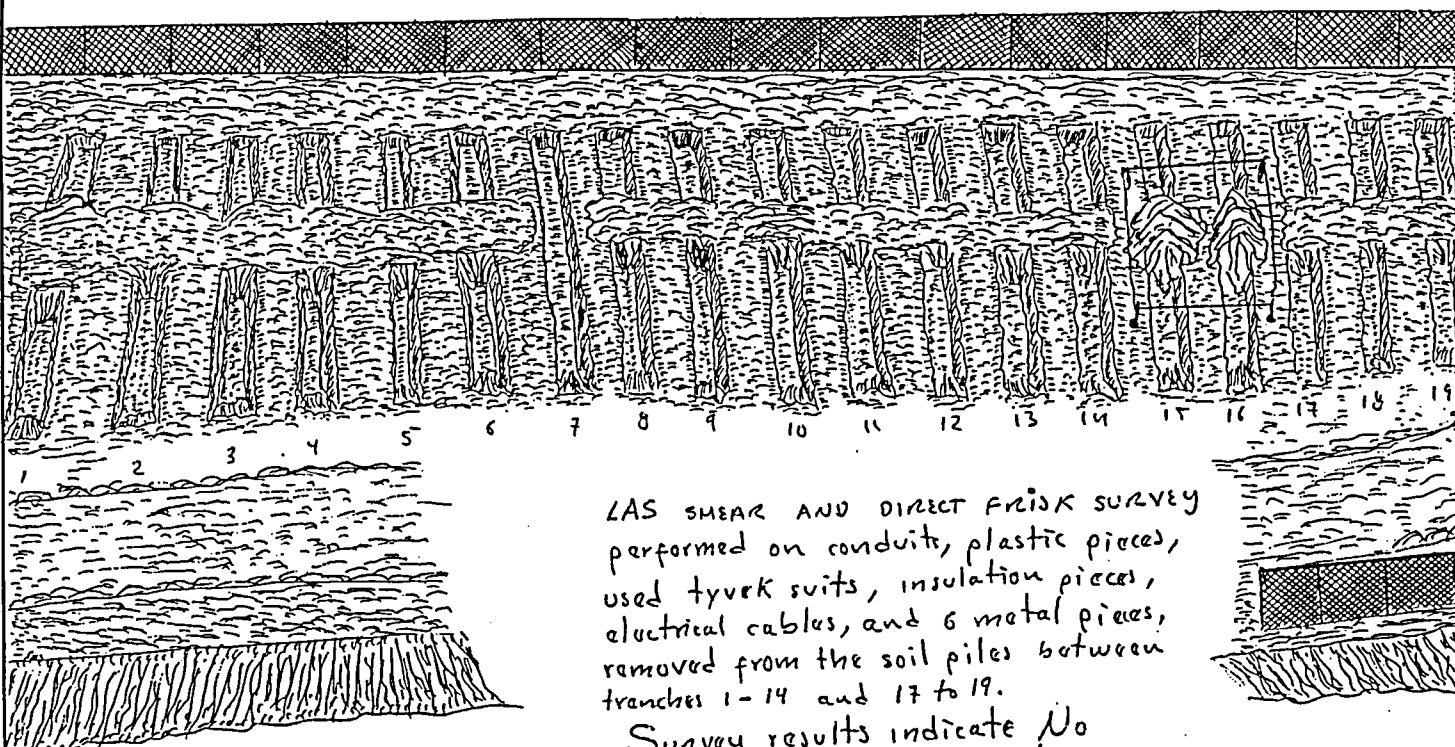


CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY RECORD FORM

N

Surveyor Name (Printed) Eli Torres / Surveyor Name (Signature) [Signature] Location Boneyard - 0002

Date: 3-13-2006 Time: 16:00 Log #
Area: 9520 Map # N/A Rev # N/A



LAS SMEAR AND DIRECT FRISK SURVEY performed on conduits, plastic pieces, used tyvek suits, insulation pieces, electrical cables, and 6 metal pieces, removed from the soil piles between trenches 1-14 and 17 to 19.

Survey results indicate No activity was detected above background by direct frisk and evaluation of LAS smear survey.

Bkgd = 300 cpm

COPY

Instruments Used			
Model/Serial #	Cal Due	Probe/Serial #	Cal Due
Electra/5052	3-2-07	BP1980/263	3-2-07
N/A			

Reason For Survey

Routine RACR

RWP SEPTIC TRENCHES

Other

Air Sample Control # N/A Total DAC Fraction N/A

CONTAMINATION RESULTS (SMEAR) dpm/100cm					
BY MDA = <u>N/A</u>		α MDA = <u>N/A</u>			
Sample	RESULTS		Sample	RESULTS	
	Beta Gamma	Alpha		Beta Gamma	Alpha
N/A					
N/A					

Smear Continuation Sheet Used Yes No

Legend

NDA = No Detectable Activity

Dose rates are gamma and are in mrem/hr unless otherwise noted.
All smears in Dpm/100cm unless otherwise noted.
All LAS's in cpm/LAS unless otherwise noted.

- Large Area Swipe Location
- Al Sample Location
- Smear Location
- Contact Exposure Rate
- General Area Exposure Rate
- Indicates Boundary
- Step DR Pad
- RPR Respiratory Protection Required
- ARA - Airborne Radioactivity Area
- RA - Radiation Area
- CA - Contaminated Area
- HRA - High Radiation Area
- LHRA - Locked High Radiation Area
- RM - Radioactive Material(s)
- HCA - High Contamination Area
- HPA - Hot Particle Area
- RCA - Radiologically Controlled Area

Postings

Other Contact HP Prior to Entering

RCA RM CA RA LHRA

Outside the RCA HCA HRA Spec 2 Airborne Radioactivity

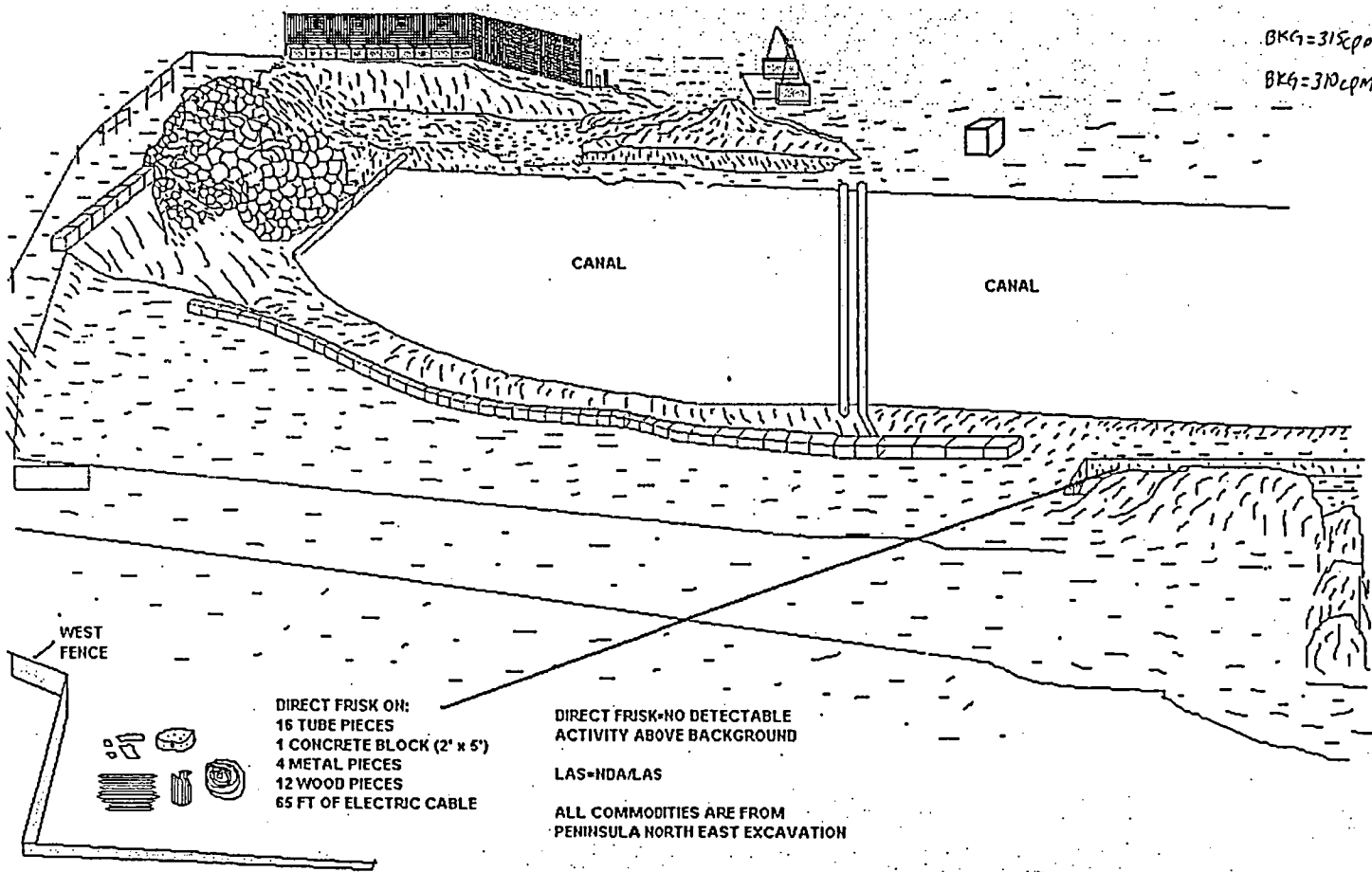
Respiratory Protection Area

HP Manager or Designer Review [Signature] Date 03.15.2006

**CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY RECORD FORM**

Surveyor Name (Printed) J. RICARTE / J. DEGOSTIN
 Surveyor Name (Signature) *[Signature]*
 Location COMMODITIES FROM PENINSULA NORTH EAST EXCAVATION

Date: 3-13-06 Time: 15100 Log #
 Area: 9520 Map # N/A Rev # N/A



Instruments Used

Model/Serial #	Cal Due	Probe/Serial #	Cal Due
ELECTRA/5053	6/15/06	BP19BD/262	6/15/06
ELECTRA/5052	3/2/07	BP19BD/263	3/2/07
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Reason For Survey

Routine
 RWP
 Other *FREE RELEASE.*

Air Sample Control # n/a Total DAC Fraction n/a

CONTAMINATION RESULTS (SMEAR) dpm/100cm

Sample	RESULTS		Sample	RESULTS	
	Beta Gamma	Alpha		Beta Gamma	Alpha
1			11		
2			12		
3			13		
4			14		
5			15		
6	N	A	16	N	A
7			17		
8			18		
9			19		
10			20		

Smear Continuation Sheet Used Yes No

Legend

NDA = No Detectable Activity
 Dose rates are gamma and are in mrem/hr unless otherwise noted.
 All smears in Dpm/100cm unless otherwise noted.
 All LAS's in cpm/LAS unless otherwise noted.

- Large Area Swipe Location
- Air Sample Location
- Smear Location
- Contact Exposure Rate
- General Area Exposure Rate
- Indicates Boundary
- Step Off Pad
- Respiratory Protection Required
- Contact HP Prior to Entry
- ARA - Airborne Radioactivity Area
- CA - Contaminated Area
- HRA - High Radiation Area
- LHRA - Locked High Radiation Area
- RM - Radioactive Material(s)
- HCA - High Contamination Area
- HPA - Hot Particle Area
- RCA - Radiologically Controlled Area
- SRPE - Survey Required Prior to Entry

Other *DANGER ROPE.*

Contact HP Prior to Entering

Airborne Radioactivity

Respiratory Protection Area

Postings

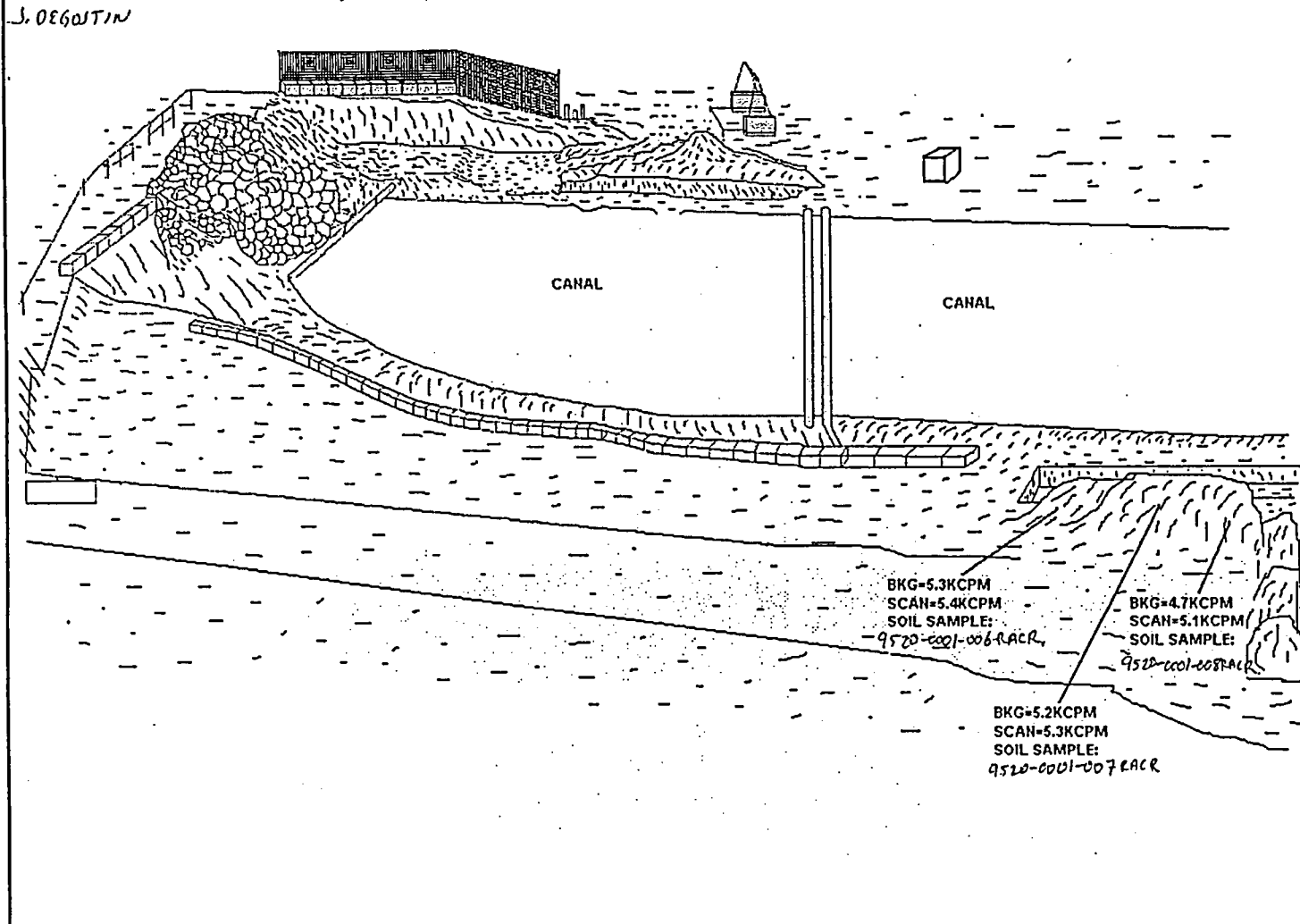
<input type="checkbox"/> RCA	<input type="checkbox"/> RM	<input type="checkbox"/> CA	<input type="checkbox"/> RA	<input type="checkbox"/> LHRA
<input checked="" type="checkbox"/> Outside the RCA	<input type="checkbox"/> HCA	<input type="checkbox"/> HRA	<input type="checkbox"/> Spec 2	

HP Manager or Designee Review *[Signature]* Date 03-15-2006

**CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY REPORT FORM**

Surveyor Name (Printed) **J. RICARTE/D. JOHNSON** Surveyor Name (Signature) *[Signature]* Location **PENINSULA EAST**

Date: **3-13-06** Time: **1200** Log # _____
Area: **9520** Map # **N/A** Rev # **N/A**



Instruments Used			
Model/Serial #	Cal Due	Probe/Serial #	Cal Due
E-600/1106	8/15/06	SPA-3/1009	8/28/06
E-600/1112	9/28/06	SPA-3/1006	8/9/06
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Reason For Survey

Routine

RWP

Other

Air Sample Control # **n/a** Total DAC Fraction **n/a**

CONTAMINATION RESULTS (SMEAR) dpm/100cm

By MDA=N/A			α MDA=N/A		
Sample	RESULTS		Sample	RESULTS	
	Beta Gamma	Alpha		Beta Gamma	Alpha
1			11		
2			12		
3			13		
4			14		
5			15		
6	N/A		16	N/A	
7			17		
8			18		
9			19		
10			20		

Smear Continuation Sheet Used Yes No

Legend

NDA = No Detectable Activity

Dose rates are gamma and are in $\mu\text{R}/\text{hr}$ unless otherwise noted.
All smears in $\text{dpm}/100\text{cm}^2$ unless otherwise noted.
AIRLAS's in cpm/LAS unless otherwise noted.

- ⊙ - Large Area Swipe Location
- ⊙ - Air Sample Location
- ⊙ - Smear Location
- * - Contact Exposure Rate
- ⊙ - General Area Exposure Rate
- ⊙ - Indicates Boundary
- ⊙ - Step DN Pad
- RPR - Respiratory Protection Required
- CHP - Contact HP Prior to Entry
- ARA - Airborne Radioactivity Area
- RA - Radiation Area
- CA - Contaminated Area
- HRA - High Radiation Area
- LHRA - Locked High Radiation Area
- RM - Radioactive Material(s)
- HCA - High Contamination Area
- HPA - Hot Particle Area
- RCA - Radiologically Controlled Area
- SRPE - Survey Required Prior to Entry

Other **☑** **DANGER ROPE**

COB

Contact HP Prior to Entering

Airborne Radioactivity

Respiratory Protection Area

Postings

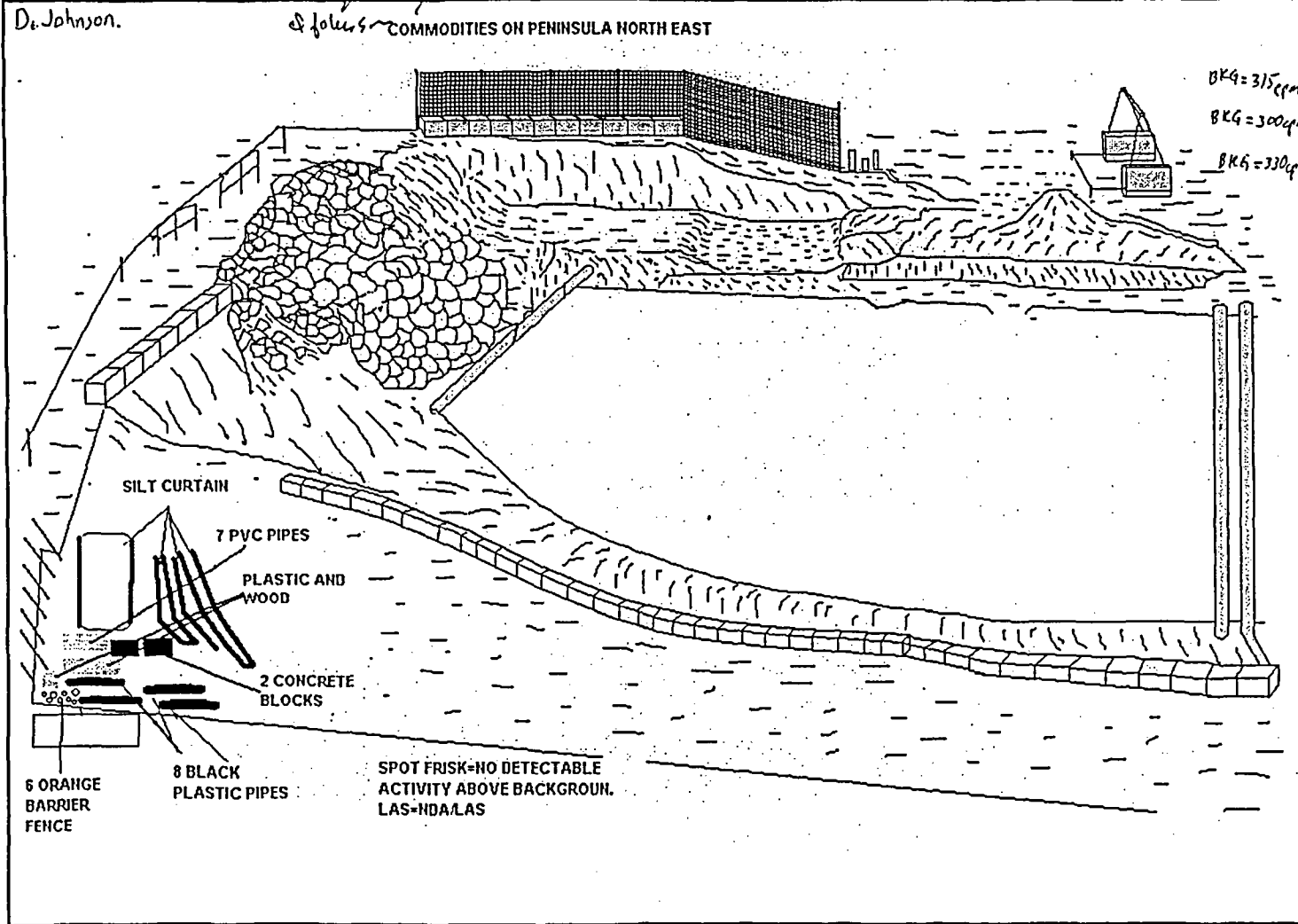
<input type="checkbox"/> RCA	<input type="checkbox"/> RM	<input type="checkbox"/> CA	<input type="checkbox"/> RA	<input type="checkbox"/> LHRA
<input checked="" type="checkbox"/> Outside the RCA	<input type="checkbox"/> HCA	<input type="checkbox"/> HRA	<input type="checkbox"/> Spec 2	

HP Manager or Designer Review *[Signature]* Date **03-15-2006**

**CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY REPORT FORM**

Surveyor Name (Printed) **J. RICARTE J. DEGOSTIN** Surveyor Name (Signature) *[Signature]* Location **PENINSULA NORTH EAST.**

Date: **3-13-06** Time: **15:40** Log # _____
 Area: **9520** Map # **N/A** Rev # **N/A**



Instruments Used			
Model/Serial #	Cal Due	Probe/Serial #	Cal Due
Electra/5053	6-15-06	BP19BD/262	6-15-06
Electra/5052	3-2-07	BP19BD/263	3-2-07
Electra/262	3-6-07	BP19BD/266	3-6-07
N/A	N/A	N/A	N/A

Reason For Survey

Routine

RWP **FREE RELEASE**

Other

Air Sample Control # **n/a** Total DAC Fraction **n/a**

CONTAMINATION RESULTS (SMEAR) dpm/100cm

By MDA = **N/A** α MDA = **N/A**

Sample #	RESULTS			Sample #	RESULTS		
	Beta	Gamma	Alpha		Beta	Gamma	Alpha
1				11			
2				12			
3				13			
4				14			
5				15			
6	N	A		16	N	A	
7				17			
8				18			
9				19			
10				20			

Smear Continuation Sheet Used Yes No

Legend

NDA= No Detectable Activity
 Dose rates are gamma and are in mrem/hr unless otherwise noted.
 All smears in Dpm/100cm unless otherwise noted.
 All LAS's in cpm/LAS unless otherwise noted.

- ⊙ - Large Area Swipe Location
- ⊙ - Air Sample Location
- ⊙ - Smear Location
- ⊙ - Contact Exposure Rate
- ⊙ - General Area Exposure Rate
- ⊙ - Indicates Boundary
- ⊙ - Step Off Pad
- RPR - Reproductive Protection Required
- CHP - Contact HP Prior to Entry
- ARA - Airborne Radioactivity Area
- RA - Radiation Area
- CA - Contaminated Area
- HRA - High Radiation Area
- LHRA - Locked High Radiation Area
- RM - Radioactive Material(s)
- HCA - High Contamination Area
- HPA - Hot Particle Area
- RCA - Radiologically Controlled Area
- SRPE - Survey Required Prior to Entry

Other **DANGER ROPE** Contact HP Prior to Entering

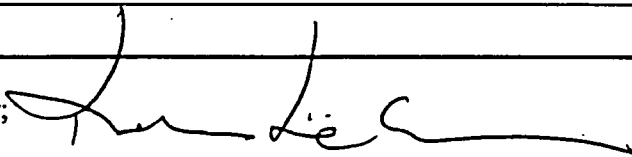
Postings

<input type="checkbox"/> RCA	<input type="checkbox"/> RM	<input type="checkbox"/> CA	<input type="checkbox"/> RA	<input type="checkbox"/> LHRA	<input type="checkbox"/> Airborne Radioactivity
<input checked="" type="checkbox"/> Outside the RCA	<input type="checkbox"/> HCA	<input type="checkbox"/> HRA	<input type="checkbox"/> Spec 2	<input type="checkbox"/> Respiratory Protection Area	

HP Manager or Designer Review: *[Signature]* Date: **03-15-2006**

Attachment C
Daily Survey Journal
 Page 1 of 1

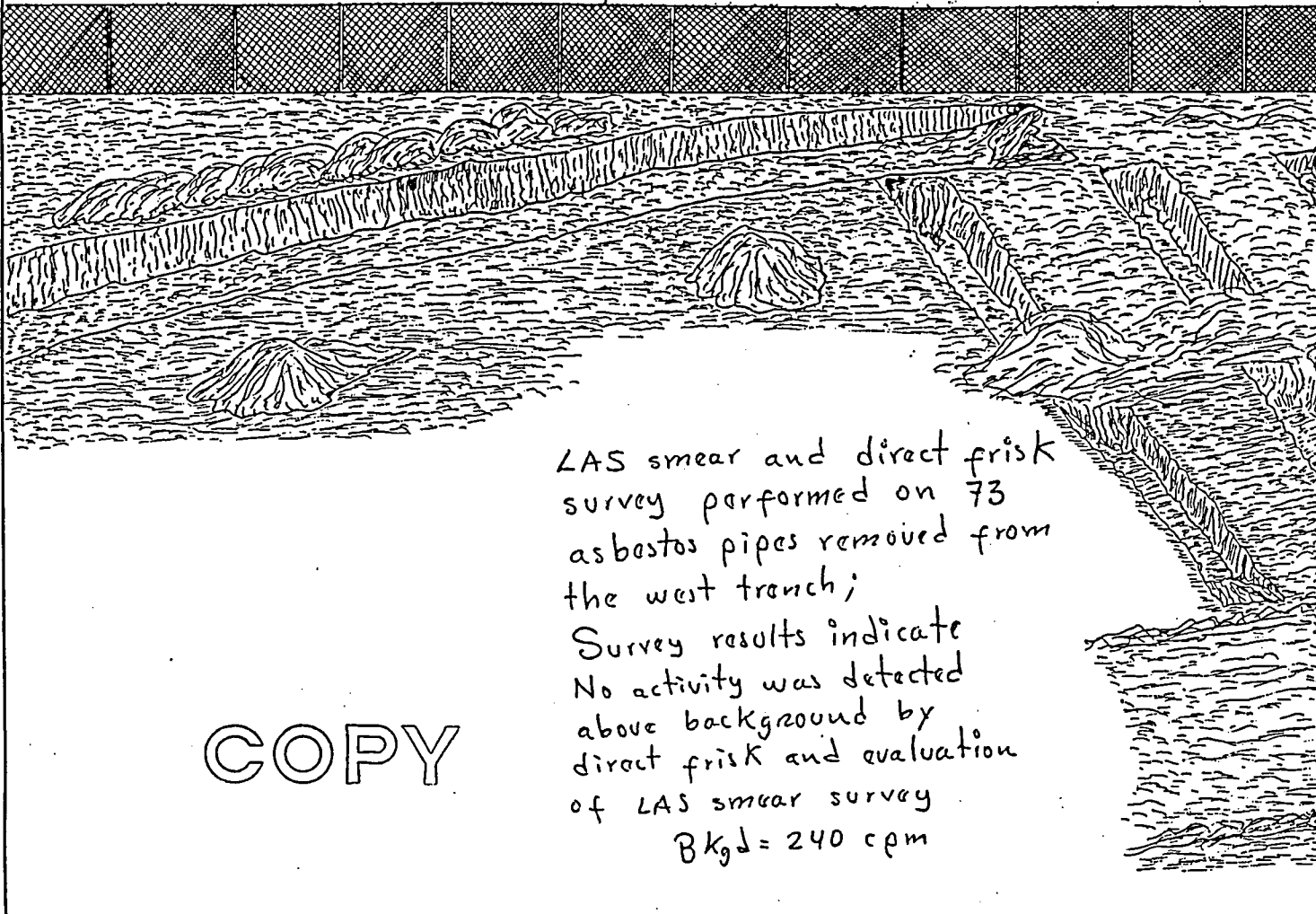
Survey Area #: 9520		Survey Area Name: Site Central and Northern Peninsula	
Survey Unit #:-0002/0003		WP&IR #: 2006-0007	
Specific instructions for using the Daily Survey Journal.			
1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.			
2 All documentation will be complete and legible.			
TIME	NOTES FOR SAMPLING DATE 03/14/2006		
0700	Briefed survey team on performance of SSWP. Survey team consists of Joanne Rand, Don Johnson and Eli Torres. Survey supervisor Keith LeClair.		
1000	Continued survey of commodities removed from the trench along the West fence from the small shack up through the septic system.		
	Survey included conduit and wire. Any light green PVC piping is part of the site aseptic system and is considered R2 disposal as RAD waste. This pipe is being segregated at the time of removal from the trench.		
1410	Continue survey of conduit and wire.		
1500	All survey results have indicated no elevated levels of activity have been identified.		
1600	All tools and equipment have been returned to the appropriate storage location.		

Completed by, 

CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY RECORD FORM

Surveyor Name (Printed): D. JOHNSON / Eli Torres
 Surveyor Name (Signature): [Signature]
 Location: Boneyard - 0002

Date: 3-14-06
 Time: 16:00
 Log #: [Blank]
 Area: 9520
 Map # N/A
 Rev # N/A



LAS smear and direct frisk survey performed on 73 asbestos pipes removed from the west trench;
 Survey results indicate No activity was detected above background by direct frisk and evaluation of LAS smear survey
 Bkgd = 240 cpm

COPY

Instruments Used			
Model/Serial #	Cal Due	Probe/Serial #	Cal Due
ELECTRA / 5052	3-2-07	BP1920 / 263	3-2-07
N A			

Reason For Survey
 Routine
 RACR
 RWP
 Other
 Air Sample Control # N/A
 Total DAC Fraction N/A

CONTAMINATION RESULTS (SMEAR) dpm/100cm
 BY MDA = N/A
 α MDA = N/A

Sample #	RESULTS		Sample #	RESULTS	
	Beta Gamma	Alpha		Beta Gamma	Alpha
N A					
N A					

Smear Continuation Sheet Used Yes No

- Legend
- NDA = No Detectable Activity
 Dose rates are gamma and are in mrem/hr unless otherwise noted.
 All smears in Dpm/100cm unless otherwise noted.
 All LAS's in cpm/LAS unless otherwise noted.
- ⊙ - Large Area Swipe Location
 - ⊙ - Air Sample Location
 - ⊙ - Smear Location
 - ⊙ - Contact Exposure Rate
 - ⊙ - General Area Exposure Rate
 - ⊙ - Indicates Boundary
 - ⊙ - Step ON Pad
 - ⊙ - Respiratory Protection Required
 - ARA - Airborne Radioactivity Area
 - RA - Radiation Area
 - CA - Contaminated Area
 - HRA - High Radiation Area
 - LHRA - Locked High Radiation Area
 - RM - Radioactive Materials
 - HCA - High Contamination Area
 - HFA - Hot Particle Area
 - RCA - Radiologically Controlled Area

Postings

Other
 RCA RM CA RA LHRA
 Outside the RCA HCA HRA Spec 2
 Contact HP Prior to Entering
 Airborne Radioactivity
 Respiratory Protection Area

HP Manager or Designee Review: [Signature]
 Date: 3/15/06

Attachment C
Daily Survey Journal
 Page 1 of 3

Survey Area #: 9304 / 9520 / 9530	Survey Area Name: Area West Of Discharge Tunnels/ Peninsula
Survey Unit #- 0000 / 0002 / 0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 03/15/2006
0700	Briefed survey team on expectations for performance of today's SSWP survey and sampling. Survey team consists of Eli Torres, Don Johnson, Joanne Rand, Antonio Torres and John Degostin. Survey supervisor Keith LeClair.
0715	Technicians securing the required equipment and materials to perform the SSWP.
0730	Discussed the sequence of events to occur today with the MBI foreman. We are planning to perform a release survey for the remaining section of west side fence. Perform soil sampling and scanning on the peninsula and in the area west of the discharge canal. Continue the survey for release on the concrete excavated during commodity removal. Continue the survey for release of excavated commodities.
0800	Survey of the section of west side fence from the top of the peninsula north to the intake structure is active to support removal and disposal.
0810	Scanning surveys of the soil piles west of the discharge canal area are active.
	Instrument information:
	E 600 # 1110 Cal Due 09/27/2006 with SPA 3 # 1010 Cal Due 08/09/2006
0820	Performance of soil sampling in the area west of the discharge tunnel is active.
0820	Sample location 9304-0000-001-RA taken from the North end of the West trench soil pile is complete.
0825	Sample location 9304-0000-002-RA taken from the South end of the West trench soil pile is complete.
0830	Sample location 9304-0000-003-RA taken from the South end of the central soil pile is complete.
0835	Sample location 9304-0000-004-RA taken from the North end of the central soil pile is complete.

Attachment C
Daily Survey Journal

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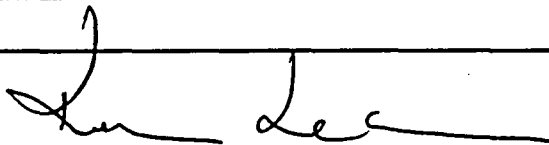
0845	Sample location 9304-0000-005-RA taken from the # 7 storm drain soil pile is complete.
0848	Sample location 9304-0000-006-RA taken from the # 8 & SWAV storm drain soil pile is complete.
0900	Soil samples 9304-0000-001-RA through 006-RA are being controlled under Cof C # 2006-00156.
0900	Scan surveys of the soil piles in the area west of the discharge canal are complete. No elevated levels of activity were identified.
0900	Further excavation continues in the area where the intake structure was located. Additional survey and soil sampling will be performed.
0900	Survey of the west side fence is complete. No elevated levels of activity were identified during the survey. The fence may be disposed of as clean waste.
0930	Soil samples 9304-0000-001-RA through 006-RA controlled under Cof C # 2006-00156 have been transferred to the RCA counting facility for analysis.
1000	Scanning survey and soil sampling is active in area 9520-0002 for the excavated soil piles that run south to north from the old RAD waste break shack up through the septic leach field along the west side of the peninsula parallel with the west side fence.
1025	Soil sample location 9520-0002-019-RACR is complete.
1027	Soil sample location 9520-0002-020-RACR is complete.
1030	Soil sample location 9520-0002-021-RACR is complete.
1034	Soil sample location 9520-0002-022-RACR is complete.
1040	Soil sample location 9520-0002-023-RACR is complete.
1044	Soil sample location 9520-0002-024-RACR is complete.
1100	Survey of concrete commodities continues in the area adjacent to the rip rap storage pile. The concrete being surveyed was removed from the area west of the discharge canal from the trenches that run south to north along the west side of the area.
1100	Removed the FSS postings from the GS 3 gate at the south peninsula fence. The signs have been established on stanchions. Jack McCarthy was consulted and concurs with the new configuration. The chain and HP/Security locks have been turned in to Rick Gault.
1130	Soil samples 9520-0002-019 RACR through 024 RACR are being controlled under Cof C 2006-00157.
1300	Soil samples 9520-0002-019 RACR through 024 RACR on Cof C 2006-00157 have been turned in to the RCA counting facility for analysis.
1300	Background levels that exceed the limits of operation for an Electra have been identified in the area of the rip rap piles. These elevated background levels will prevent the continued survey of the concrete. Jeff Wagner and MBI notified.
1350	Investigative survey of a 55 gallon drum and a filter discovered yesterday in area 9530-0004 is active.

Attachment C
Daily Survey Journal

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1400	Survey of area 9520-0002 peninsula commodities from trench that runs south to north from the old RAD waste break shack up through the septic leach field along the west side of the peninsula parallel with the west side fence continues.
1410	Soil sampling continues in area 9520-0002 from the soil piles that begin at the north end of the leach field and run north by east to connect with the trench that runs south from the septic hold up tanks (which have been surveyed previously).
1410	Soil sample location 9520-0002-025-RACR is complete.
1415	Soil sample location 9520-0002-026-RACR is complete.
1415	Soil samples 9520-0002-025-RACR and 026-RACR are controlled by C of C # 2006-00158. These samples have been placed in to secure storage.
1415	The result of the investigative survey on the drum and filter found in 9530-0004 is that no activity was detected by direct frisk and by large area smear. The survey has been documented and is submitted to HP supervision.
1430	Commodity survey from area 9520-0002 is complete. No elevated levels of activity were identified and the commodities are suitable for release.
1430	Scan survey of the soil piles where soil samples 9520-0002-025 & 026-RACR is active.
1447	Soil sampling continues in the area west of the discharge canal- 9304-0000.
1447	Soil sample location 9304-0000-009-RA is complete. This sample was taken from a pile of sludge like soil that came out of storm drain box # 4.
1450	Scan survey of the soil piles where soil samples 9520-0002-025 & 026-RACR is complete. No elevated levels of activity were identified during the survey.
1453	Soil sample location 9304-0000-007-RA is complete. This sample was taken from the storm drain box # 4 soil.
1457	Soil sample location 9304-0000-008-RA is complete. This sample was taken from the storm drain box # 5 soil.
1500	Soil samples 9304-0000-007-RA, 008-RA and 009-RA are controlled by C of C 2006-00159. These samples have been placed in to secure storage.
1530	All tools and equipment have been returned to appropriate storage locations.

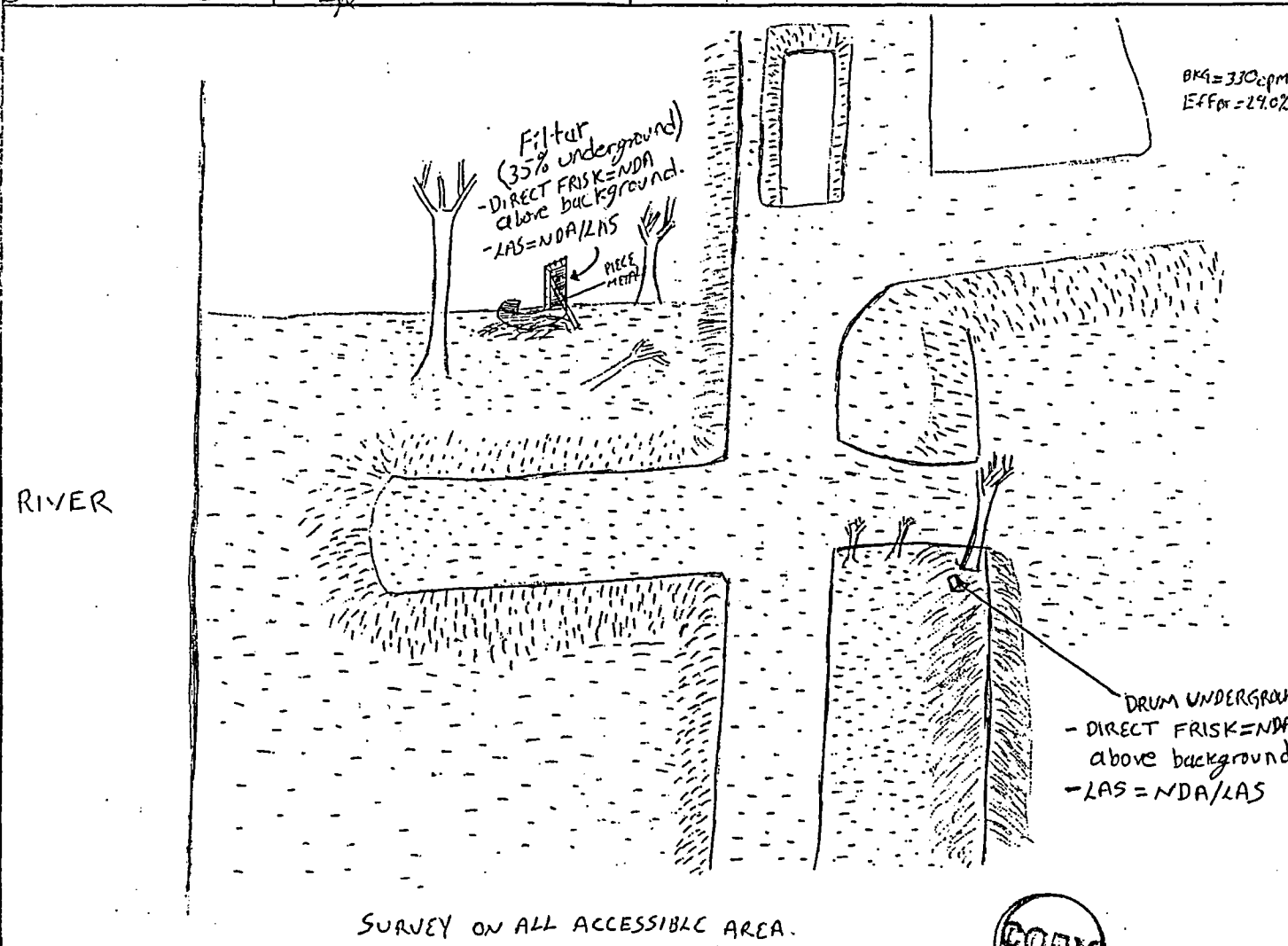
Completed by;



CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY REPORT FORM

Surveyor Name (Printed) **JAIMÉ RICARTE** Surveyor Name (Signature) *J. Ricarte* Location **PENINSULA SOUTH**

Date: **3-15-06** Time: **15:00** Log # _____
Area: **9530** Map # **N/A** Rev # **N/A**



BK9 = 330 cpm
EFF = 29.0%

Instruments Used			
Model/Serial #	Cal Due	Probe/Serial #	Cal Due
Electra/5057	10-19-06	BF1900/257	10-19-06
N		A	

Reason For Survey

Routine VERIFICATION OF

RWP CONDITIONS

Other

Air Sample Control # *N/A* Total DAC Fraction *N/A*

CONTAMINATION RESULTS (SMEAR) dpm/100cm

BY MDA = *N/A* α MDA = *N/A*

Sample	RESULTS		Sample	RESULTS	
	Beta Gamma	Alpha		Beta Gamma	Alpha
N		A			

Smear Continuation Sheet Used Yes No

Legend

NDA = No Detectable Activity
Dose rates are gamma and are in mrem/hr unless otherwise noted
All LAS's in cpm/LAS unless otherwise noted

<ul style="list-style-type: none"> Large Area Swipe Location Air Sample Location Smear Location Contact Exposure Rate General Area Exposure Rate Indicates Boundary Stop Off Pad Respiratory Protection Required 	<ul style="list-style-type: none"> Airborne Radioactivity Area Reduction Area Contaminated Area High Radiation Area Locked High Radiation Area Radioactive Materials High Contamination Area Hot Particle Area Radioactively Contaminated Area
--	---

Postings

<input type="checkbox"/> Other	<input type="checkbox"/> RCA	<input type="checkbox"/> RM	<input type="checkbox"/> CA	<input type="checkbox"/> RA	<input type="checkbox"/> LHRA	<input checked="" type="checkbox"/> Contact HP Prior to Entering
<input checked="" type="checkbox"/> Outside the RCA	<input type="checkbox"/> HCA	<input type="checkbox"/> HRA	<input type="checkbox"/> Spec 2	<input type="checkbox"/> Respiratory Protection Area		

HP Manager or Designee Review *[Signature]* Date **3/15/06**



CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY RECORD FORM

Surveyor Name: (Printed)

D. JOHNSON / J. RAND

Surveyor Name: (Signature)

D. Johnson / J. Rand

Location:

CENTRAL TO NORTH PENINSULA

Date: 3-16-06

Time: 0900

Log #:

Area #: 9530

Map #: N/A

Rev #: N/A

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
E600-1110	9-27-01	SPA3 11 1010 9-9-06
N/A		

REASON FOR SURVEY

- ROUTINE
 RWP
 OTHER

RAD ASSESSMENT

Air Sample Control #:

Total DAC Fraction:

CONTAMINATION RESULTS (SMEARS) dpm/100cm²

SMEAR #	RESULTS		SMEAR #	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			11		
2			12		
3			13		
4			14		
5			15		
6			16		
7			17		
8			18		
9			19		
10			20		

Smear Continuation Sheet Used.

YES NO

Legend:

Dose rates are gamma and are in mrem/hr unless otherwise noted.
All smears in dpm/100cm² unless otherwise noted.
ALL LAS's in cpm/LAS unless otherwise noted.

- ⊙ - Large Area Smear Location
- ⊙ - Air Sample Location
- ⊙ - Smear Location
- # - Contact Dose Rate
- # - General Area (GA) Dose Rate
- *** - Indicates Boundary
- Step - Step Off Pad
- RPR - Respiratory Protection Required
- LAS - Large Area Smear
- NHPD - No Hot Particle Detected
- CHPPE - Contact HP Prior To Entry
- 30cm - Contact / 30cm (GA) Dose rates
- Lead - Lead (Pb) Shielding
- ARA - Airborne Radioactivity Area
- RA - Radiation Area
- CA - Contaminated Area
- HRA - High Radiation Area
- LHRA - Locked High Radiation Area
- RM - Radioactive Materials
- HCA - High Contamination Area
- HPA - Hot Particle Area
- RCA - Radiologically Controlled Area
- SRPTE - Survey Required Prior To Entry
- CPM - Counts per Minute
- NDA - No Detectable Activity
- NOB - No Detectable Beta
- TSLHRA - Tech Spec Locked High Radiation Area

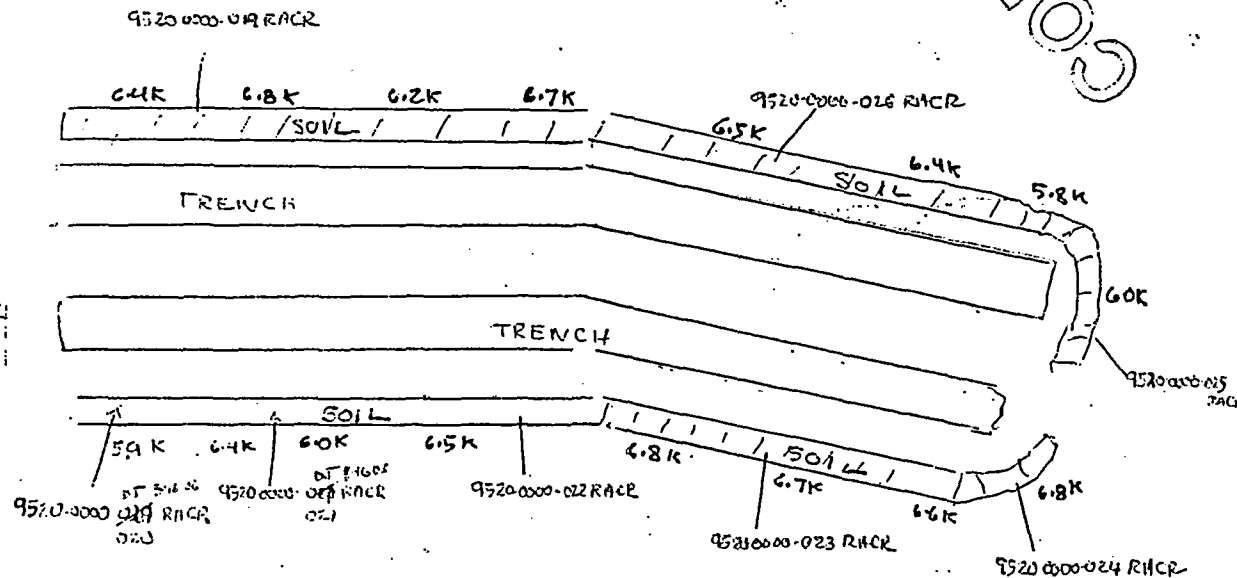
RM-14 / E-140 Background :

HP MANAGER OR DESIGNEE REVIEW:

DATE:

[Signature] 03-16-2006

COPY



A SCAN SURVEY WAS PERFORMED ON THE SOIL PILES EXCAVATED FROM THE PENINSULA TRENCH.

RESULTS: NO ELEVATED ACTIVITY ABOVE THE ACTION LEVEL WAS DETECTED

Postings Other

- RCA RM CA RA TSLHRA
 Outside The RCA HCA HRA Spec 2

- Contact HP Prior to Entering
 Airborne Radioactivity Area
 Respirator Protection Required

Attachment C
Daily Survey Journal

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Survey Area #: 9304 / 9520 / 9530 / 9801	Survey Area Name: Industrial area yard / Central & Northern Peninsula / East RCA Trench
Survey Unit #:- 0000 / 0001 / 0004 / 0000	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 03/29/2006
0700	Briefed survey and sampling team on performance of today's SSWP activities. Survey team consists of Laurie Pellegrin, Joanne Rand, Bill Calash, Don Johnson and John Degostin. Survey supervisor Keith LeClair
0715	The survey team is collecting the equipment and materials required to support the SSWP.
0730	Completed a walk down of the circ water/ service water piping excavation and removal with the MBI foreman.
0730	Coordinated with the MBI foreman for the spent fuel building to get a scissor lift brought in to the spent fuel building to support the preremediation survey. Eli Torres and Jamie Ricarte are providing support for the pre remediation survey.
0740	Inspected the brush clearing operation on the central peninsula in area 9530. Also inspected the backfill operation at the south asbestos excavation next to the dredge spoils pile area.
0800	Provided a survey to support the release of a sea/land container for MBI. Two AC units will be transferred to the RRF to have the Freon removed. A release survey for the AC units will be performed at a later time. Any items in the sea land will be disposed of as clean trash.
0800	John Degostin has been assigned to perform the required counting tests to set up control charts for the E 600's for the month of April.
0830	Excavation of the circ water / service water piping.
0830	Preremediation survey of the spent fuel building.
0930	Load out of counted RAD assessment samples from the RCA counting facility is active. The samples are being disposed of in the 115 KV yard dirt pile.
1100	Provided turnover of ongoing activities to Matt Darois to support coverage of Thursday's activities.
1100	Consulted with the MBI foreman and D&D management on the scope of remediation in area

Attachment C
Daily Survey Journal

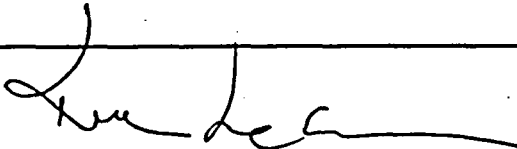
Page 2 of 3

	9801-0000 the East RCA trench.
1100	MBI continues excavation of the Circ water/ service water piping.
1300	MBI begins excavation activities in area 9801-0000 the East RCA trench.
1300	Scanning survey of the circ water / service water excavated soil piles area 9304-0000-RA is active. The actual circ water and service water piping will not be surveyed for release as it has been determined to be R2 materials and will be disposed of as BSFR waste.
	Instrument Information:
	E 600 1112 Cal Due 09/28/2006 with SPA 3 1006 Cal Due 08/09/2006 BKG- 6.5 K CPM
	E 600 1110 Cal Due 09/27/2006 with SPA 3 1010 Cal Due 08/09/2006 BKG- 6.7 K CPM
1315	Soil sampling in area 9304-0000-RA is active.
1320	Soil sample location 9304-0000-020-RA performed.
1322	Soil sample location 9304-0000-021-RA performed.
1317	Soil sample location 9304-0000-022-RA performed.
1320	Soil sample location 9304-0000-023-RA performed.
1355	Soil sample location 9304-0000-024-RA performed.
1356	Soil sample location 9304-0000-025-RA performed.
1400	Soil sampling complete. The samples 9304-0000-020-RA through 025-RA have been transferred to the RCA counting facility for analysis under control of C of C 2006-00169.
1400	Bill Calash has been assigned to support the search for, removal and survey of items identified by the ground penetrating radar survey. Test pits will be dug at each area of interest.
1400	Scanning survey of the excavated soil piles in area 9304-0000-RA for the circ water and service water piping is complete. No elevated levels of activity were identified during the survey.
1405	Performed a direct frisk survey at the request of Rick Gault on accessible areas of the inside of the circ water pipes to determine if there were any need to establish posting controls on the pipes.
1425	A damaged 55 gallon drum was identified in the 6 th test hole # 1340 in area 9530-0004. This location is on the west side of the dredge spoils pile berm.
	The damaged drum was broken in half and appeared to be filled with rags that had been soaked in some kind of solvent.
	An elevated level of activity of 1200 CPM above background was identified by direct survey on the accessible portions of the inside of the drum.
	Smear samples were taken for analysis. No loose radioactivity was identified by a field check of the smears taken on the drum.
	Jeff Wagner, Rick Gault and Rich McGrath have been notified of the discovery.
1430	Direct frisk survey of the circ water piping is complete. No elevated levels of activity were identified. Rick Gault was notified.

Attachment C
Daily Survey Journal

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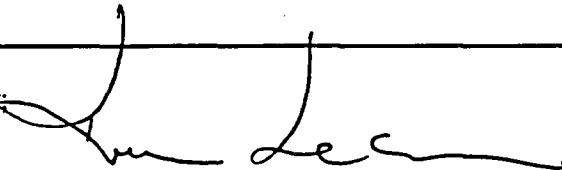
1500	Scanning survey is active in area 9801-0000 the East RCA trench.
1500	Both a soil sample and a sample of the rags from inside the drum were taken to the RCA counting facility for analysis.
	The drum was removed and packaged to be transferred to the RCA for study and or disposal.
	Direct survey of the soil in the hole under the drum indicated approximately 100 CCPM.
1510	The scanning survey in area 9801-0000 could not be performed due to a HIC and 2 Sea lands that were affecting the area background. Jeff Wagner and D&D management have been notified.
1600	A second 55 gallon drum has been identified in area 9530-0004. No elevated levels of activity have been identified on the exterior of this drum. Several other items were identified in the hole with the drum.
	After consultation with Rich McGrath and MBI foreman Ed Henderson it was determined that due to the lateness of the hour we would place the site of the drum in a safe condition and secure the area with danger tape. Follow on activities will continue in the morning.
	Ed Henderson reports that the second drum location appears to have many other items buried in the same location.
1620	All tools equipment and materials have been returned to appropriate storage locations.

Completed by; 

Attachment C
Daily Survey Journal
 Page 1 of 1

Survey Area #: 9304/9530/9520	Survey Area Name: Industrial area yard/ Peninsula
Survey Unit #:- 0000/0004/ 0001	WP&IR #: 2006-0007
Specific instructions for using the Daily Survey Journal.	
1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.	
2 All documentation will be complete and legible.	
TIME	NOTES FOR SAMPLING DATE 04/05/2006
0700	Briefed survey team on conduct of today's SSWP activities. Survey team consists of Joanne Rand and John Degostin. Survey supervisor Keith LeClair
0715	Survey team secures the equipment required to support the SSWP activities.
0730	MBI crew's main focus for the morning is to back fill the warming deicing line excavation and load out remaining previously surveyed materials.
	Coordinated with MBI foreman on materials that were ready to be loaded out. Load out occurred in all three survey areas.
0930	MBI crew continues to back fill the asbestos excavation on the peninsula adjacent to the dredge spoils pile area 9530-0004.
1300	MBI crew is beginning to excavate and remove the concrete footings from the high tension tower in area 9520-0001.
1600	All tools equipment and materials have been returned to appropriate storage locations.

Completed by:



Attachment C
Daily Survey Journal

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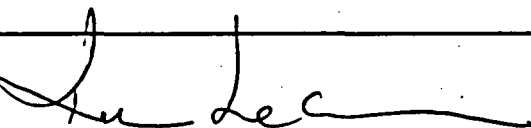
Survey Area #: 9530 9520	Survey Area Name: Peninsula
Survey Unit #:- 0001 0001	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 04/06/2006
0700	Briefed the survey team on the conduct of SSWP activities. Survey team consists of Laurie Pellegrin, John Degostin and Joanne Rand. Survey supervisor Keith LeClair.
0715	The survey team secures the equipment required to support SSWP activities.
0800	Performed a commodities survey for three piles of small debris that had been cleaned out of the soil used to backfill the asbestos excavation in area 9530-0001. The three piles of debris included; metal, conduit, angle iron, wood, concrete, wire, cable, piping and a tire.
	Two pieces of iron were found to have elevated levels of activity up to 500 ccpm. The two pieces of iron were packaged and labeled and transferred to the core bore slicing sea land inside the RCA.
	Jeff Wagner was notified of the discovery and follow on actions.
	All of the remaining debris was found to be acceptable for disposal. No elevated levels of activity were identified.
0950	Complete the survey of 9530-0001 commodities. No further issues were identified.
0955	Performed soil sampling from the area in 9530-0001 where the two pieces of metal were identified. Sample location 9530-0001-005-RACR was performed. This sample was transferred to the RCA counting facility for analysis and controlled under C of C 2006-00198.
1016	Performed soil sampling from the excavated soil from around the concrete footings of the 345 KV Tower. Sample location 9520-0001-012-RACR was performed.
1018	Sample location 9520-0001-013-RACR was performed.
1030	Samples 9520-0001-012-RACR and 013-RACR were transferred to the RCA counting facility for analysis and controlled under C of C 2006-00199.
1100	Operator backfilling the asbestos excavation in area 9530-0001 has uncovered another damaged 55 gallon drum. Jeff Wagner has been notified.

Attachment C
Daily Survey Journal

Page 2 of 2

1130	No elevated levels of activity were identified during the survey of the drum sections.
1300	Provided support for shipment of a sample to GEL labs for hard to detect analysis.
1300	Provided survey of an additional piece of 55 gallon drum unearthed by the operator in area 9530-0001. No elevated levels of activity were identified during the survey of the additional drum section.
1315	Performed scanning survey of excavated soil piles from the 345 KV tower footings in area 9520-0001.
	Instrument information: E 600 1107 Cal Due 08/28/2006 with SPA 3 1001 Cal Due 05/20/2006, BKG 7 K CPM.
1400	Scanning survey of the excavated soil piles is complete. No elevated levels of activity were identified.
1430	Performed a commodities survey of the concrete rubble from the 345 KV tower footings. No elevated levels of activity were identified.
1500	Documentation of today's SSWP support is active.
1600	All tools equipment and materials have been returned to appropriate storage locations.

Completed by,



**CONNECTICUT YANKEE NUCLEAR POWER COMPANY
SURVEY RECORD FORM**

Printed Name: John DeGostin Surveyor Name: (Signature) [Signature] Location: South Peninsula

Date: 4-6-06 Time: 1000 Log # _____
 Area #: 9520 Map #: NIA Rev.# NIA

Two pieces of IRON were found to have detectable activity while surveying one of several piles of misc. material uncovered by excavator on south peninsula. first piece was approximately 24" long x 8" (angel iron) the piece was found to have up to 400-500 cpm above bkg. of detectable activity. Second piece was approximately 32" long x 10" also having 400-500 cpm above bkg. A small piece of concrete was also found to have 200 cpm above bkg. bkg. = 250-300 cpm

All three items were bagged, tagged and placed in FSS Seaman in the RCA.

COPY

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA / 5051	10/19/06	Bp19Bd / 257

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER Investigation

Air Sample Control # _____ Total DAC Fraction _____

CONTAMINATION RESULTS (SMEARS) dpm/100cm²

SMEAR #	RESULTS		SMEAR #	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			11		
2			12		
3			13		
4			14		
5			15		
6			16		
7			17		
8			18		
9			19		
10			20		

Smear Continuation Sheet Used YES NO

Legend:

Dose rates are alpha and are in dpm/100cm² unless otherwise noted.
 All smears in dpm/100cm² unless otherwise noted.
 # LAS in cpm/LAS unless otherwise noted.

- Large Area Smear Location
- Air Sample Location
- Smear Location
- Contact Dose Rate
- General Area (GA) Dose Rate
- Indicates Boundary
- Step Off Pad
- Respiratory Protection Required
- Large Area Smear
- No Hot Particle Detected
- Contact HP Prior To Entry
- Contact / 30cm (GA) Dose rates
- Lead (Pb) Shielding
- Airborne Radioactivity Area
- Radiation Area
- Contaminated Area
- High Radiation Area
- Locked High Radiation Area
- Radioactive Material
- High Contamination Area
- Hot Particle Area
- Radiologically Controlled Area
- Survey Required First Entry
- Counts Per Minute
- No Detectable Activity
- No Detectable Beta
- Tech Spec Locked High Radiation Area

RM-14 / E-140 Background: 250-300 cpm

Postings Other _____
 RCA RM CA RA TSLHRA
 Outside The RCA HCA HRA Spec 2
 Contact HP Prior to Entering
 Airborne Radioactivity Area
 Respirator Protection Required

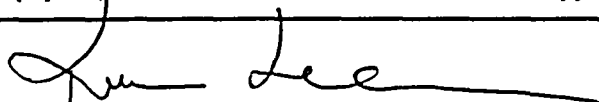
HP MANAGER OR DESIGNEE REVIEW: [Signature] DATE: 4/6/06

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9530	Survey Area Name: Central Peninsula
Survey Unit #:- 0004	WP&IR #: 2006-0007
Specific instructions for using the Daily Survey Journal.	
1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.	
2 All documentation will be complete and legible.	
TIME	NOTES FOR SAMPLING DATE 04/10/2006
0700	Work stopped this morning due to a MBI safety stand down.
0730	Survey team secures equipment and materials to support today's SSWP activities.
0800	Performed a briefing for the survey team. The team consists of Don Johnson, Joanne Rand, Laurie Pellegren, John Degostin and Bill Calash.
0830	MBI crews; Level out well water pump house # 2 ramp and add material to build up the road. Bull doze the met tower hut ramp adding the material to the south end of the peninsula bone yard. Level out WWPH # 1 ramp and add material to build up the road. Loading out previously surveyed materials from area 9304-0000.
0940	Performed a commodities survey of corrugated metal piping from the WWPH #2 ramp.
1020	Survey of the corrugated metal piping complete. No elevated levels of activity were identified during the survey.
1300	Continued the commodities survey for corrugated metal piping from WWPH # 1 and some miscellaneous metal debris from both WWPH 1 & 2 and the Met tower ramp.
1445	Survey of the corrugated metal piping from WWPH # 1 and the miscellaneous debris is complete. No elevated levels of activity were identified during the survey
	A rock was identified during the piping survey as being 1800 CPM above background. The rock was transferred to the GS 1 gate to be evaluated with the Exploranium instrument.
1500	Survey documentation is active.
	Exploranium evaluation of the rock identified naturally occurring activity.
1600	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;



SURVEY RECORD FORM

Surveyor Name: (Printed) W. Collet / D. Johnson Surveyor Name: (Signature) [Signature] Location: South Peninsula

Date: 4-10-06 Time: 1560 Log #:
 Area #: 9520 Map #: NIA Rev #: NIA

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
Electra 5053	6-15-06	262 29.0
Electra 5050	3-21-07	264 29.7
Electra 5049	10-27-06	267 29.5
Electra 5052	3-2-07	263 23.9

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER Comod. remova

Air Sample Control #: NA Total DAC Fraction: NA

CONTAMINATION RESULTS (SMEARS) cpm/100cm²

BY MDA = <u>NA</u>			CL MDA = <u>NA</u>		
SMEAR #	RESULTS		SMEAR #	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			11		
2			12		
3			13		
4	<u>NA</u>		14		
5			15		
6	<u>NA</u>	<u>NA</u>	16		
7			17		
8			18		
9			19		
10			20		

Smear Continuation Sheet Used. YES NO

Legend:

- Dose rates are gamma and are in mrem/hr unless otherwise noted
 All smears in dpm/100cm² unless other wise noted
 All LAS's in ccpin/LAS unless other wise noted
- (A) - Large Area Smear Location
 - (a) - Air Sample Location
 - (B) - Smear Location
 - # - Contact Dose Rate
 - # - General Area (GA) Dose Rate
 - X-X-X-X - Indicates Boundary
 - [SOP] - Stop Off Pad
 - RPR - Respiratory Protection Required
 - LAS - Large Area Smear
 - NHPD - No Hot Particle Detected
 - CHPPE - Contact HP Prior To Entry
 - ☞ - Contact / 30cm(GA) Dose rates
 - [Lead] - Lead (Pb) Shielding
 - ARA - Airborne Radioactivity Area
 - RA - Radiation Area
 - CA - Contamination Area
 - HRA - High Radiation Area
 - LHRA - Locked High Radiation Area
 - RM - Radioactive Material
 - HCA - High Contamination Area
 - HPA - Hot Particle Area
 - RCA - Radioactively Contaminated Area
 - SRPTE - Survey Required Prior To Entry
 - CPM - Counts per Minute
 - NDA - No Detectable Activity
 - NOB - No Detectable Rate
 - TSLHRA - Tech Spec Locked High Radiation Area

RM-14 E-140 Background: NA

HP MANAGER OR DESIGNEE REVIEW: [Signature] DATE: 04.11.2006

* 7 sections of 12' piping
 * 1 concrete block
 * small pile asphalt
 * small pile of PVC piping
 * 2 large pieces of stainless steel pipe
 * A small pile of rebar & m.s.c. steel pieces

BKG-D
 250-350
 for all
 instruments

All items were LAS'd and showed no activity above bkgd.

(COPY)

All items were given a direct frisk and no activity above background was found

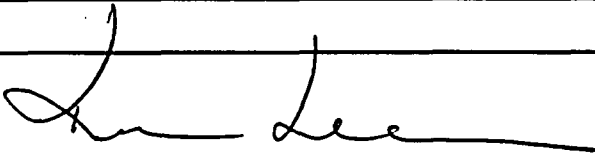
Postings Other _____

RCA RM CA RA TSLHRA
 Outside The RCA HCA HRA Spec 2

Contact HP Prior to Entering
 Airborne Radioactivity Area
 Respirator Protection Required

Attachment C
Daily Survey Journal
 Page 1 of 1

Survey Area #: 9304-9520-9530	Survey Area Name: Industrial Area Yard-Peninsula
Survey Unit #:- 0000-0001-0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 04/11/2006
0700	Performed briefing in support of SSWP activities for today. Survey team consists of Don Johnson, Bill Calash, Eli Torres, Jamie Ricarte, Joanne Rand. John Degostin. Survey supervisor Keith LeClair.
0730	Survey team secures the equipment required to support SSWP activities.
0730	MBI continues to: Load out previously surveyed materials from area 9304-0000-RA from the pile adjacent to the rip rap storage area. Break down and spread out the well water pump house and met tower ramps.
1000	Survey team supports balance of plant activities.
1500	No activities were conducted today by the survey team under the control of this SSWP. All tools equipment and materials have been returned to appropriate storage areas.

Completed by; 

Survey Area #: 3000 9520 9530	Survey Area Name: Containment Peninsula
Survey Unit #:- 0000 0001 0004	WP&IR #: 2006-0007
Specific instructions for using the Daily Survey Journal.	
1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.	
2 All documentation will be complete and legible.	
TIME	NOTES FOR SAMPLING DATE 04/12/2006
0700	Attended MBI initial briefing for containment. Briefing supports performance of the Containment CVS survey as well as the containment exterior core bore sampling for waste characterization. Survey team consists of Eli Torres, Jamie Ricarte and Sam Moyers for the CVS survey and Bill Calash, John Degostin and Don Johnson in support of containment core bore sampling. Survey supervisor Joel Goergen, Doug Roberson and Keith LeClair.
0700	Attended the MBI briefing for the peninsula. Survey team consists of Joanne Rand and Laurie Pellegren. Survey supervisor Joel Goergen, Doug Roberson and Keith LeClair.
0740	Secured the equipment necessary to support SSWP activities for today
0800	Begin a commodities survey of waste materials that have been removed from the area along the riverside. While the brush clearing project has been progressing from South to North the materials have been piled up in small piles along the west side of 9520 and 9530.
0830	Performed a daily gator inspection. Secure generator to supply power for the core bore machine and mobilize other tools to the core bore sampling work area. Manlift being fueled to support core boring.
0900	MBI continues to load out previously surveyed materials from the stock pile in the area adjacent to the rip rap storage pile.
0930	MBI sets up to continue asbestos abatement in the excavation east of the peninsula break shack area in area 9520
1020	Core boring active in sample location 3000-0000-C-213-C west of the stack brackets on the north side of containment approximately 60 feet up.
1045	Survey of materials that have been removed from along the riverside in areas 9520 and 9530 is complete. No elevated levels of activity were identified during the survey.
1100	Several large rocks that have been removed from the soil ramp from what used to be the Met tower were also surveyed. MBI intends to use the rocks as fill material in the asbestos excavation in the central peninsula area, 9520, once the asbestos remediation is complete.
	One of the rocks surveyed was found to have an area of elevated activity. This area was evaluated using the Exploranium instrument. The Exploranium identified K 40 and Bi 214 which are both naturally occurring. No other elevated levels of activity were identified during the survey.
1120	Coring activities stopped to refuel the generator. Coring continues.
1140	Core bore sample 3000-0000-213-C-1C removed. Total length 11 inches.
1315	Core bore sample 3000-0000-213-C-2C removed. Total length 15 inches.
1357	Core bore sample 3000-0000-213-C-3C removed. Total length 15.5 inches.
1400	Documentation of commodity surveys from areas 9520 & 9530 active.
1420	Core bore sample 3000-0000-213-C-4C removed. Total length 15.5 inches.
	Core bore sampling is complete in location 3000-0000-213-C. Crew moving equipment to the spent fuel building to set up for sample location 3000-0000-214-C to be performed tomorrow.
	Core bore sample material from location 3000-0000-213-C has been placed on an attachment A and is stored in the Core slicing sea land.

SURVEY RECORD FORM

Surveyor Name (Printed): Thomas J. Pellegrino Surveyor Name (Signature): [Signature] Location: Central Peninsula

Date: 4/12/06 Time: 1530 Log #:
 Area #: 9520 Map #: N/A Rev #: N/A

PROBE EFF: 25.1%

INSTRUMENTS USED		
MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA # 9023	6/15/06	RIDRAD # 242
 	 	
 	 	

Performed direct brush and LAS surveys on miscellaneous commodities, including single wire cables, conduit, pipes, cement pipes, cables. Both direct brush and LAS's showed no detectable activity above background.

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER COMMODITY REMOVAL

Air Sample Control #: N/A Total DAC Fraction: N/A

performed visual inspection of items needing removal from riverbank. Items included chain link fence, pipe & heat trace, RR ties, chunks of blacktop, a large metal box, and various other items.

CONTAMINATION RESULTS (SMEARS) dpm/100cm ²					
BY MDA=			Q1 MDA=		
SMEAR #	RESULTS		SMEAR #	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			11		
2			12		
3	 	 	13	 	
4	 	 	14	 	
5	 	 	15	 	
6	 	 	16	 	
7	 	 	17	 	
8	 	 	18	 	
9	 	 	19	 	
10	 	 	20	 	

Also performed a direct brush survey of several boulders. Boulders showed elevated activity (see scope). An Exploration GR 1/2 scan was performed, which showed activity to be naturally occurring (Potassium & Bismuth). No further action taken.

COPY

Smear Continuation Sheet Used. YES NO

Legend:

Dose rates are gamma and are in mrem/hr unless otherwise noted
 All smears in dpm/100cm² unless otherwise noted
 All LAS's in ccpm/LAS unless otherwise noted

- Large Area Smear Location
- Air Sample Location
- Smear Location
- Contact Dose Rate
- General Area (GA) Dose Rate
- Indicates Boundary
- Sled Off Pad
- Respiratory Protection Required
- Large Area Smear
- No Hot Particle Detected
- Contact HP Prior To Entry
- Contact / 30cm (GA) Dose rates
- Lead (Pb) Shielding
- Airborne Radioactivity Area
- Radiation Area
- Contaminated Area
- High Radiation Area
- Locked High Radiation Area
- Radioactive Material
- High Contamination Area
- Hot Particle Area
- Radiologically Controlled Area
- Survey Required Prior To Entry
- Counts per Minute
- No Detectable Activity
- No Detectable Beta
- Tech Spec Locked High Radiation Area

RM-14 / E-140 Background: ELECTRA: 250 300

Postings Other _____ Contact HP Prior to Entering
 RCA RM CA RA TSLHRA Airborne Radioactivity Area
 Outside The RCA HCA HRA Spec 2 Respirator Protection Required

HP MANAGER OR DESIGNEE REVIEW. DATE

Attachment C
Daily Survey Journal
 Page 1 of 1

Survey Area #: 9304-9520-9530	Survey Area Name: -Peninsula
Survey Unit #:- 0000	WP&IR #: 2006-0007

Specific instructions for using the Daily Survey Journal.

- 1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.
- 2 All documentation will be complete and legible.

TIME	NOTES FOR SAMPLING DATE 04/13/2006
0700	Performed briefing in support of SSWP activities for today. Survey team consists of Joanne Rand. and Laurie Pelligren. Survey supervisor Joel Goergen.
0730	Survey team secures the equipment required to support SSWP activities.
0730	MBI continues to: load out previously surveyed materials from area 9520-0000-RA. Material consisted of various debris, e.g., metal debris, cables, cement pieces, piping, etc.
1300	Performed survey of various materials and debris in 9520-0000. Material includes items such as silt fence and metal debris.
1600	. All tools equipment and materials have been returned to appropriate storage areas.

Completed by;  Joel Goergen

Attachment C
Daily Survey Journal


Page 1 of 2

Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #:- 0000	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 04/17/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of Don Johnson, John Degostin, and Eli Torres. Survey supervisor Joel Goergen. SSWP work activities include sampling and survey of material excavated from test pits on the peninsula
0715	Survey team secures the equipment necessary to support SSWP activities.
1005	Started excavating first test pit TP 1341. Meters used for surveying are E600 1107 Cal Due 08/28/2006 with SPA 3 1001 Cal Due 05/20/2006, E600 1112 Cal Due 09/28/2006 with SPA 3 1006 Cal Due 08/9/2006, Electra 5051 cal due 10/19/06 with probe BP19BD 257.
1005	Several drums (7) found in test pit TP 1341, other debris included a tire, rebar, fiberglass insulation, a lead blanket cover, and an I beam. No licensed activity identified in the field.
1110	Soil sample taken in test pit. Sample # TP 1341 RA..
1130	Test pit TP 1341 is becoming so large due to debris it is merging with test pit 1342.
1330	Started backfill of TP 1341. Started excavation of TP 1342.
1350	Found 2 addition drums in TP 1342. No licensed activity identified in the field.
1430	Found a third drum in TP 1342. Contained material suspected of asbestos. Appeared to be asbestos wrapping material. Stopped excavating awaiting Manafort Safety.
1455	Manafort Safety arrives. Excavation in TP 1342 suspended due to potential asbestos.
1500	Started excavating in TP 1344.
1515	Miscellaneous debris found in TP 1344 such as metal piping, drum lid, and fiberglass insulation. No licensed activity identified in the field.
1515	Excavated addition material in TP 1344 suspected of containing asbestos. Excavation suspended in TP 1344
1530	Started excavation of TP 1346. No metal debris found in test pit.
1535	Soil sample taken in TP 1346. Sample # TP 1346 RA.

Attachment C
Daily Survey Journal
Page 2 of 2

1540	Completed backfill of TP 1346
1630	Survey documentation is active
1630	All tools equipment and materials have been returned to appropriate storage locations.

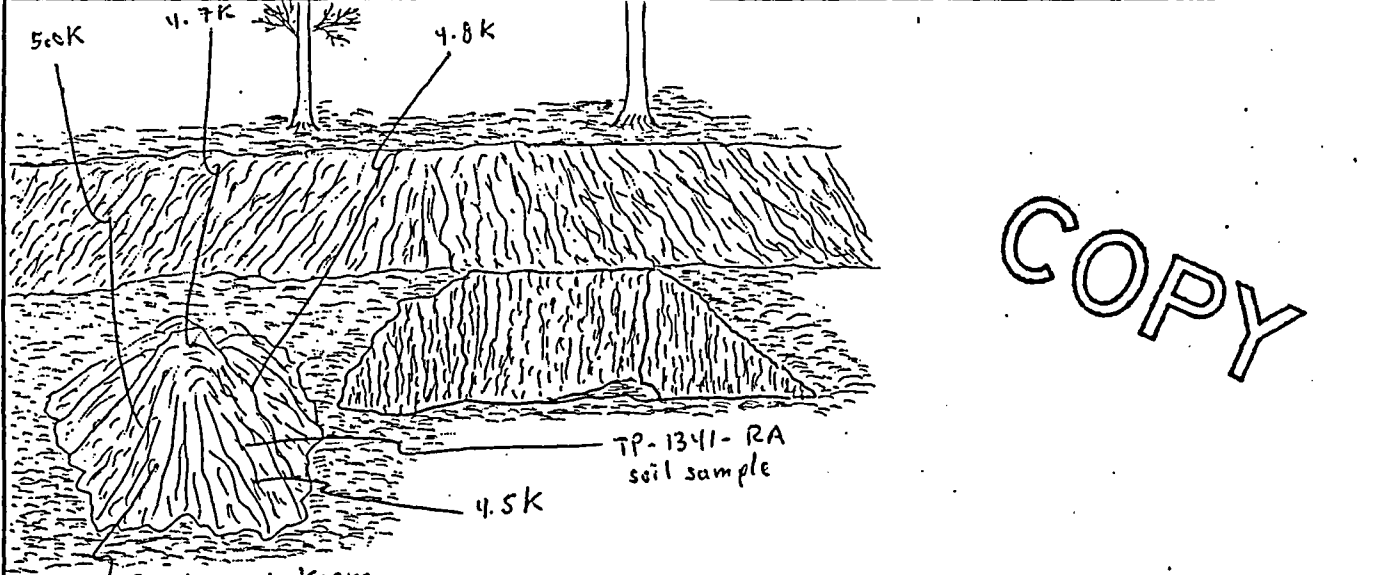
Completed by;

 Joel Gutierrez

CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY RECORD FORM

Surveyor's Name: (Printed) J. DEGOSTIN / Eli Tomo Surveyor's Signature: [Signature] Location: South Peninsula

Date: 4-17-2006 Time: 12:00 Log #: _____
Area #: 953D Air Sample(s): *YES NO



COPY

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
E 600 / 1107	3/2/06	SPA3 / 1001
ELECTRA / 5852	4-13-07	8P1460 / 213

REASON FOR SURVEY

ROUTINE RWP OTHER RA

CONTAMINATION RESULTS (SMEARS) dpm/100cm²

SMEAR	RESULTS		SMEAR	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8			23		
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

PERFORMED A scanning survey of the soil pile excavated from the trench; Survey results indicate No elevated activity above identified action level was detected by scan survey.

LAS and direct frisk survey performed on 8 drums, pipes removed from the trench; Survey results indicate No Activity was detected above background by direct frisk and evaluation of LAS survey. Bkgd = 280 cpm

Smear Continuation Sheet Used? YES NO
RM: 14 / E-140; Background: _____ cpm

Legend:

Dose rates are gamma and are in mrem/hr unless otherwise noted.
All smears in dpm/100cm² unless otherwise noted.
All LAS's in ccpm/LAS unless otherwise noted.

- Large Area Smear Location	RCA - Radiologically Controlled Area
- Smear Location	RM - Radioactive Material(s)
- Air Sample Location	RA - Radiation Area
- Contact Dose Rate	HRA - High Radiation Area
- General Area (G/A) Dose Rate	CA - Contaminated Area
- Boundary	ARA - Airborne Radioactivity Area
- Step Off Pad	RPR - Respiratory Protection Required
- Contact / 30cm (GA) Dose rates	SRPTE - Survey Required Prior to Entry
NHPD - No Hot Particles Detected	CPM - Counts per Minute
CHPPT - Contact HP Prior To Entry	NDB - No Detectable Beta
	NDA - No Detectable Activity
	LAS - Large Area Smear

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside the RCA Other

Indicate A/S location(s) on survey with air sampler(s) serial no. & Cal Due dates above
HP/MANAGER OR DESIGNEE REVIEW: _____ DATE: 4-19-06



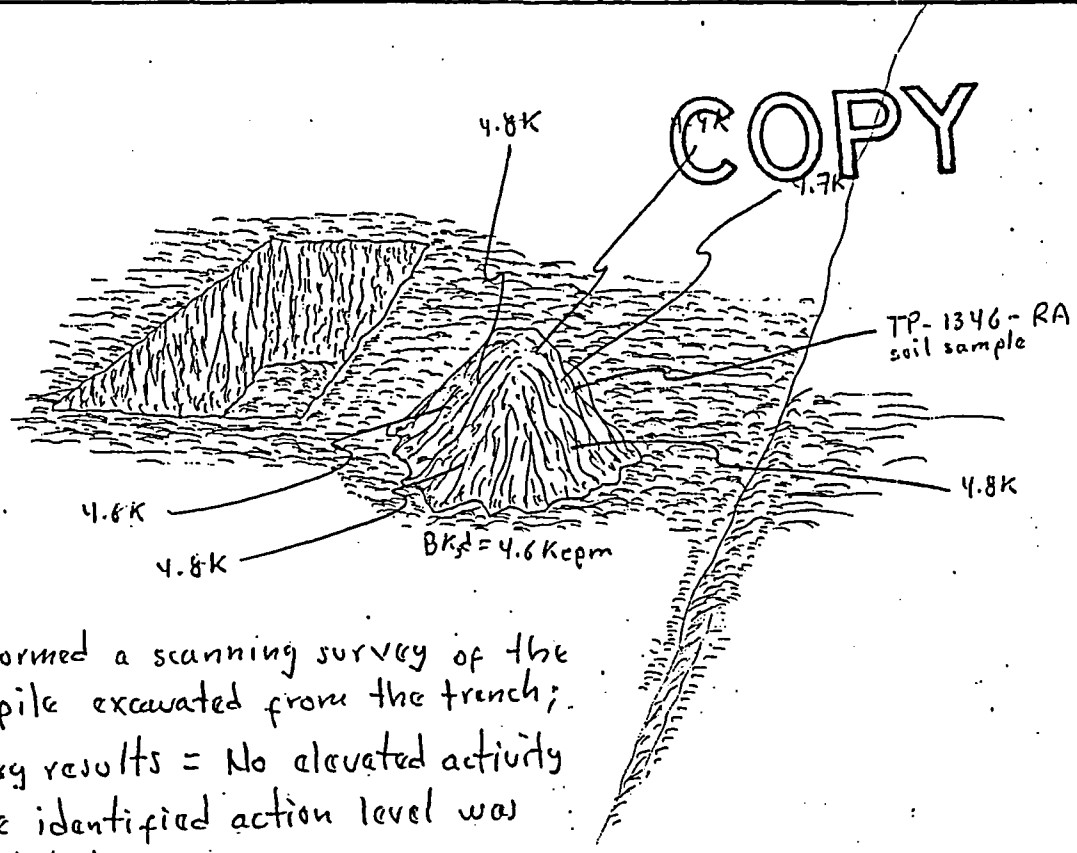
CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY RECORD FORM

Surveyor's Name: (Printed)
J. DeGOSTIN / Eli Torres

Surveyor's Signature:
[Signature]

Location:
South Peninsula

Date: 4-17-2006 Time: 16:00 Log #:
Area #: 9530 Air Sample(s): YES NO



Performed a scanning survey of the soil pile excavated from the trench; Survey results = No elevated activity above identified action level was detected by scan survey.

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
E600 / 1107	8/2/06	SPA3 / 1001

REASON FOR SURVEY

ROUTINE RWP OTHER

RA

CONTAMINATION RESULTS (SMEARS) dpm/100cm²

SMEAR	RESULTS		SMEAR	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8	NA		23	NA	NA
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO

RM-14 / E-140 Background: cpm

Legend:

Dose rates are gamma and are in mrem/hr unless otherwise noted.
All smears in dpm/100cm² unless otherwise noted.
All LAS's in ccpm/LAS unless otherwise noted.

- Large Area Smear Location	RCA - Radiologically Controlled Area
- Smear Location	RM - Radioactive Material(s)
- Air Sample Location	RA - Radiation Area
- Contact Dose Rate	HRA - High Radiation Area
- General Area (G/A) Dose Rate	CA - Contaminated Area
- Boundary	ARA - Airborne Radioactivity Area
- Step Off Pad	RPR - Respiratory Protection Required
- Contact / 30cm(GA) Dose rates	SRPTE - Survey Required Prior To Entry
NHPD - No Hot Particles Detected	CPM - Counts per Minute
CHPTE - Contact HP Prior To Entry	NDB - No Detectable Beta
	NDA - No Detectable Activity
	LAS - Large Area Smear

Postings: RCA RM CA RA HRA Contact HP Prior to Entry

Outside the RCA Other

Indicate LAS location(s) on survey with air sampler(s), serial no. & Cal Due dates above

HP/MANAGER OR DESIGNEE REVIEW: DATE: 4/19/06

Attachment C
Daily Survey Journal

Page 1 of 2


Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #:- 0000	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 04/18/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of Don Johnson and John Degostin. Survey supervisor Joel Goergen. SSWP work activities include sampling and survey of material excavated from test pits on the peninsula
0715	Survey team secures the equipment necessary to support SSWP activities.
0815	Started excavating test pit TP 1347. Meters used for surveying are E600 1107 Cal Due 08/28/2006 with SPA 3 1001 Cal Due 05/20/2006, E600 1112 Cal Due 09/28/2006 with SPA 3 1006 Cal Due 08/9/2006, Electra 5052 cal due 4/13/07 with probe BP19BD 263. Exploranium GR130 1177. Small amount of metal debris found in test pit. No licensed activity identified in field
0835	Soil sample taken in test pit. Sample # TP 1347 RA
0845	Backfilled test pit TP 1347..
0945	Started excavating test pit TP 1348. Small amount of metal debris found in test pit. No licensed activity identified in field
1000	Soil sample taken in test pit. Sample # TP 1348 RA
1002	Backfilled test pit TP 1348.
1005	Started excavating test pit TP 1349. Small amount of metal debris found in test pit. No licensed activity identified in field
1015	Soil sample taken in test pit. Sample # TP 1349 RA
1020	Backfilled test pit TP 1349.
1030	Started excavating test pit TP 1350. Small amount of metal debris found in test pit. Identified elevated activity on two rocks from test pit TP 1350. Sampled rocks with Exploranium. No licensed activity identified in field
1040	Soil sample taken in test pit. Sample # TP 1350 RA
1103	Backfilled test pit TP 1350.

Attachment C
Daily Survey Journal

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1115	Started excavating test pit TP 1351. Small amount of metal debris found in test pit. No licensed activity identified in field
1125	Soil sample taken in test pit. Sample # TP 1351 RA
1130	Backfilled test pit TP 1351.
1250	Started excavating test pit TP 1352. Small amount of metal debris found in test pit. No licensed activity identified in field
1300	Soil sample taken in test pit. Sample # TP 1352 RA
1310	Backfilled test pit TP 1352.
1325	Started excavating test pit TP 1353. Large amount of metal debris found in test pit. No licensed activity identified in field
1505	Suspended excavation TP 1353 due to potential asbestos.
1530	Started excavating test pit TP 1354. Small amount of metal debris found in test pit. No licensed activity identified in field
1540	Soil sample taken in test pit. Sample # TP 1354 RA
1545	Backfilled test pit TP 1354.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;

 JOEL GUZMAN

CONNECTICUT YANKEE NUCLEAR POWER COMPANY
SURVEY RECORD FORM

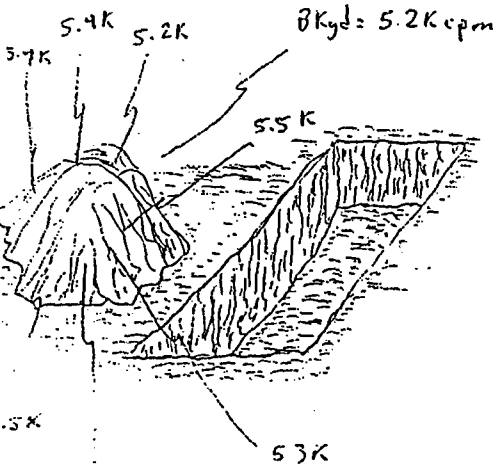
Surveyor's Name: (Printed)
J. DE COSTA
D. JOHNSON

Surveyor's Signature:
J. De Costa

Location:
South Peninsula

Date: 4-18-2006 Time: 16:00 Log #:
Area #: 9530 Air Sample(s): YES NO

E. Trench



TP-1354-RA
soil sample

LAS and direct frisk survey performed on 2 metal pieces removed from the trench 1354; Survey results indicate No activity was detected above background by direct frisk and evaluation of LAS survey. Bkgd = 320 cpm.

Performed a scanning survey of the soil pile excavated from the trench 1354; Survey results indicate No elevated activity above identified action level was detected by scan survey.

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
E-600 / 1212	9-28-06	SPR 3 / 1006
ELECTRA 5052	4-13-08	BP1980 / 263
	N	
	N	

REASON FOR SURVEY
 ROOM MONITORING
 RWP
 OTHER
RA

CONTAMINATION RESULTS (SMEARS) dpm/100cm²

BY MDA = N/A Q. MDA = N/A

SMEAR	RESULTS		SMEAR	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8	N		23	N	
9		A	24		A
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Contamination Sheet Used? YES NO
RM-14/E-140 Background: N/A cpm

- Legend:
- Dose rates are gamma and are in mrem/hr unless otherwise noted.
 - All smears in dpm/100cm² unless otherwise noted.
 - All LAS's in cpm/LAS unless otherwise noted.
 - ④ - Large Area Smear Location
 - ② - Smear Location
 - ⚠ - Air Sample Location
 - # - Contact Dose Rate
 - # - General Area (GA) Dose Rate
 - XXX - Boundary
 - ☐ - Step On Pad
 - # - Contact / 30cm(GA) Dose rates
 - NHPD - No Hot Particles Detected
 - CHPPT - Contact HP Prior To Entry
 - RCA - Radiologically Controlled Area
 - RM - Radioactive Materials
 - RA - Radiation Area
 - HRA - High Radiation Area
 - CA - Contaminated Area
 - ARA - Airborne Radioactivity Area
 - RPR - Respiratory Protection Required
 - SRPTE - Survey Required Prior to Entry
 - CPM - Counts per Minute
 - NDB - No Detectable Beta
 - NDA - No Detectable Activity
 - LAS - Large Area Smear

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside the RCA Other

Indicate AS location(s) on survey with air sampler(s) serial no. & Cal Due dates above
MANAGER OR DESIGNEE REVIEW: *[Signature]* DATE: 4-19-06

SURVEY REPORT FORM

Surveyor's Name: (Printed) D. JOHNSON / J. DeGostin	Surveyor's Signature: <i>D. Johnson / J. DeGostin</i>	Location: SOUTH PENINSULA	Date: 4-18-06	Time: 1600
			Area #: 9530	Log #:

COPY

ELECTRA BKW
295-350 cpm

5 LOCATIONS EXCAVATED LOOKING FOR METAL DEBRIS
SOIL SAMPLES TAKEN AT EACH LOCATION AND SENT
TO THE COUNT ROOM FOR ANALYSIS

SAMPLES LABELED

TP 1344 RA
TP 1348 RA
TP 1349 RA
TP 1350 RA
TP 1351 RA

THE SOIL PILES WERE SCANNED USING A EGCO METER
RESULTS; NO ELEVATED READINGS ABOVE THE ACTION
LEVEL: EGCO BKG = 4.55 K - 4.37 K

METAL DEBRIS CONSISTING OF PIPES, GRATINGS,
CORRUGATED METAL, DUCT WORK, DRUM LIDS, MISCELLANEOUS
METALS WERE SURVEYED USING AN ELECTRA 1B
RESULTS; NO ELEVATED READINGS ABOVE BACKGROUND
EGCO BKG - LAS SURVEY - NDA / LAS

35
4-18-06

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
1600 / 1107	8-28-06	SPA3/1001 5-26-05
ELECTRA / 5052	4-18-07	BP198D / 263

REASON FOR SURVEY

<input type="checkbox"/> ROUTINE	<u>VERIFICATION SURVEY</u>
<input type="checkbox"/> RWP	
<input checked="" type="checkbox"/> OTHER	

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

BY MDA =		O MDA =	
SMEAR #	RESULTS	SMEAR #	RESULTS
	Beta-Gamma Alpha		Beta-Gamma Alpha
1		16	
2		17	
3		18	
4		19	
5		20	
6		21	
7		22	
8	N/A	23	N/A
9		24	
10		25	
11		26	
12		27	
13		28	
14		29	
15		30	

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:

Dose rates are gamma and are in mrem/yr unless otherwise noted.
All smears in dpm/100cm² unless otherwise noted.
All LAS's in cpm/LAS unless otherwise noted.

- Large Area Smear Location	RCA - Radiologically Controlled Area
- Smear Location	RM - Radioactive Materials
- Air Sample Location	RA - Radiation Area
- Contact Dose Rate	HRA - High Radiation Area
- General Area (G/A) Dose Rate	CA - Contaminated Area
- Boundary	ARA - Airborne Radioactivity Area
- Step Off Pad	RPR - Respiratory Protection Required
- Contact / 30cm(GA) Dose rates	SRPTE - Survey Required Prior to Entry
- No Hot Particles Detected	CPM - Counts per Minute
- Contact HP Prior To Entry	NDA - No Detectable Activity
	LAS - Large Area Smear

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: _____ DATE: _____
[Signature] 4/18/06



CONNECTICUT YANKEE ATOMIC POWER COMPANY

SURVEY RECORD FORM

←
N

Surveyor Name: (Printed)
J. DE GOSTIN
D. SOLIMSKIS

Surveyor Name: (Signature)
J. De Gostin

Location:
South PENINSULA

Date: 4-18-2006 Time: 13:11 Log #:
Area #: 9530 Map #: N/A Rev #: N/A

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
E-600 / 1212	9-28-06	SPA 3/1006
ELECTRA / 5052	4-13-07	BP 198D / 263
	N	
	A	

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER

RA

Air Sample Control #: N/A Total DAC Fraction: N/A

CONTAMINATION RESULTS (SMEARS) cpm/100cm²

BY MDA = N/A			α MDA = N/A		
SMEAR #	RESULTS		SMEAR #	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			11		
2			12		
3			13		
4			14		
5	N		15	N	
6		A	16		A
7			17		
8			18		
9			19		
10			20		

Smear Continuation Sheet Used. YES NO

Legend:

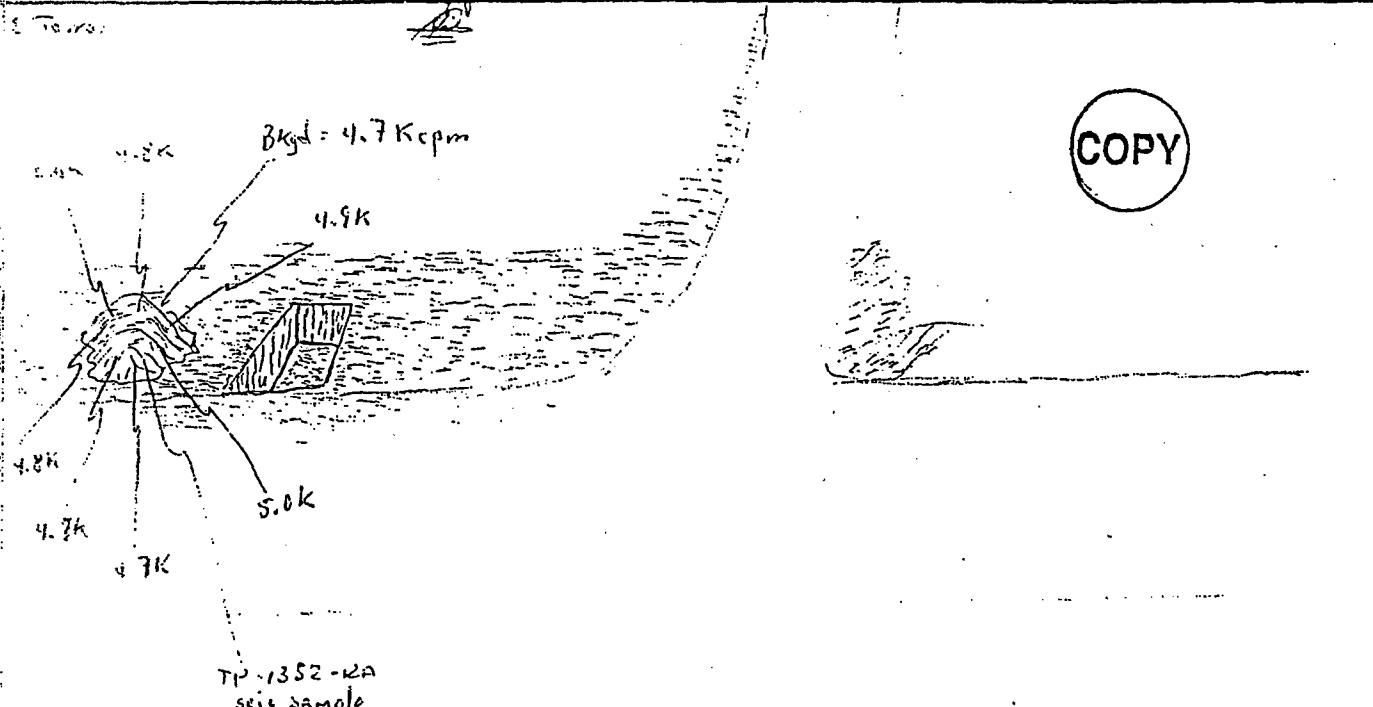
Dose rates are gamma and are in mrem/hr unless otherwise noted
All smears in dpm/100cm² unless otherwise noted.
All LAS's in ccpm/LAS unless otherwise noted.

- ⊕ - Large Area Smear Location ARA - Airborne Radioactivity Area
- ⊙ - Air Sample Location RA - Radiation Area
- ⊙ - Smear Location CA - Contaminated Area
- # - Contact Dose Rate HRA - High Radiation Area
- # - General Area(GA) Dose Rate LHRA - Locked High Radiation Area
- XXX - Indicates Boundary RM - Radioactive Material Area
- ☐ - Step Off Pad HCA - High Contamination Area
- RPR - Respiratory Protection Required HPA - Hot Particle Area
- LAS - Large Area Smear RCA - Radiologically Controlled Area
- NHPD - No Hot Particle Detected CPM - Counts per Minute
- CHPPE - Contact HP Prior To Entry NDA - No Detectable Activity
- 1/4 - Contact / 30cm(GA) Dose rates NOB - No Detectable Beta
- ☒ - Lead (Pb) Shielding TSLHRA - Tech Spec Locked High Radiation Area

RM-14 / E-140 Background: N/A

HP MANAGER OR DESIGNEE REVIEW: DATE:

[Signature] 4/19/06



Performed a scanning survey OF THE SOIL PILES EXCAVATED from the trench; Survey results indicate No elevated activity above identified action level was detected by scan survey.

LAS and direct frisk survey performed on one beam removed from the trench; Survey results indicate No activity was detected above background by direct frisk and evaluation of LAS survey.

Bkgd = 340 cpm

Postings Other _____

RCA RM CA RA TSLHRA Contact HP Prior to Entering Airborne Radioactivity Area

Attachment C
Daily Survey Journal

Page 1 of 2

Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #- 0000	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 04/19/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of Don Johnson Eli Torres, and John Degostin. Survey supervisor Joel Goergen. SSWP work activities include sampling and survey of material excavated from test pits on the peninsula
0715	Survey team secures the equipment necessary to support SSWP activities.
0800	Started excavating test pit TP 1355. Meters used for surveying are E600 1107 Cal Due 08/28/2006 with SPA 3 1001 Cal Due 05/20/2006, E600 1112 Cal Due 09/28/2006 with SPA 3 1006 Cal Due 08/9/2006, Electra 5053 cal due 9/15/06 with probe BP19BD 262. Exploranium GR130 1177. Small amount of metal debris found in test pit. No licensed activity identified in field
0815	Soil sample taken in test pit. Sample # TP 1355 RA
0835	Started excavating test pit TP 1356. small amount of debris founds . No licensed activity identified.
0850	Soil sample taken in test pit. Sample # TP 1356 RA
0930	Backfilled test pit TP 1355 and 1356
0945	Started excavating test pit TP 1357
1045	Soil sample taken in test pit. Sample # TP 1357 -1 RA.
1055	Elevated activity identified in soil. Second sample taker in elevated activity TP 1377 ^{2 RA} B _{~ 4/2/06}
1105	Started excavating test pit TP 1358
1120	Soil sample taken in test pit. Sample # TP 1358 RA. No licensed activity identified.
1130	Backfilled test pit TP 1358.
1345	Started excavating test pit TP 1359. Large amount of metal debris found in test pit. No licensed activity identified in field. Excavation still in progress
1400	Soil sample taken in test pit. Sample # TP 1353 RA

Attachment C
Daily Survey Journal

Page 2 of 2

1410	Soil sample taken in test pit. Sample # TP 1342 RA
1415	Soil sample taken in test pit. Sample # TP 1344 RA
1415	Soil samples taken in above three test pit areas to determine if asbestos contaminated soil can be free released.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by:



JULIE GREHAN

**CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY LOG FORM**

Surveyor's Name: (Printed)

Surveyor's Signature:

Location:

Date: 4-19-2006

Time: 09:00

Log #:

D. Johnson W. DeGostin

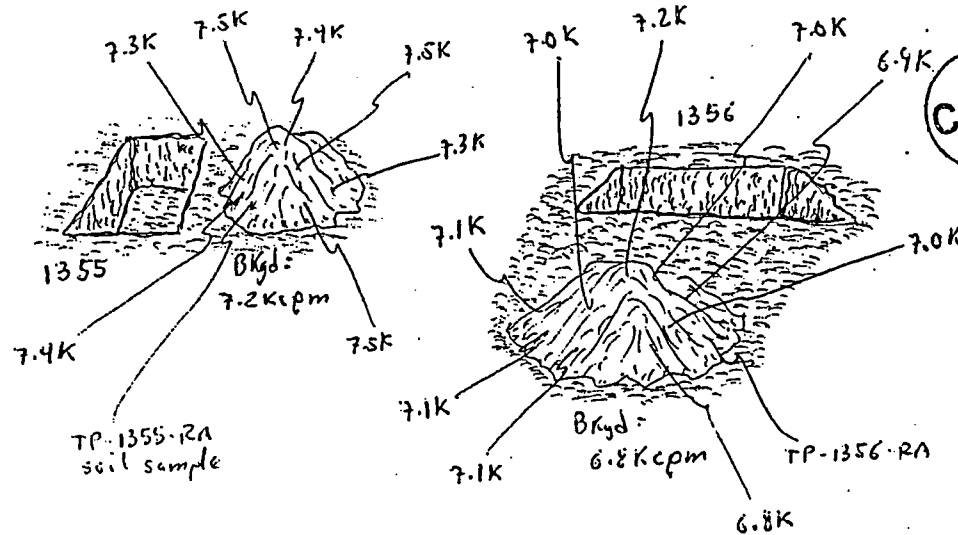
D. Johnson W. DeGostin

South peninsula

Area #: 9530

Air Sample(s): YES NO

El. Terra



→ PERFORMED A SCANNING SURVEY OF THE SOIL PILES EXCAVATED FROM THE TRENCHES 1355 AND 1356. SURVEY RESULTS INDICATE NO ELEVATED ACTIVITY ABOVE IDENTIFIED ACTION LEVEL WAS DETECTED BY SCAN SURVEY.

→ LAS AND DIRECT FRISK SURVEY PERFORMED ON 27 METAL PIECES, 2 PIPES AND 1 REBAR REMOVED FROM THE TRENCHES 1355 AND 1356. SURVEY RESULTS INDICATE NO ACTIVITY WAS DETECTED ABOVE BACKGROUND BY DIRECT FRISK AND EVALUATION OF LAS SURVEY.

Bkgd = 320 cpm

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
E-600 / 1107	8-28-06	SPA-3/1001 5-26-06
Electra / 5053	9-15-06	8719BD/262
	N	
	A	

REASON FOR SURVEY

- ROUTINE
 RWP
 OTHER

R.A.

CONTAMINATION RESULTS (SMEARS) dpm/100cm²

SMEAR	BY MDA = N/A		SMEAR	Q. MDA = N/A	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8	N	A	23	N	A
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO

RM-14 / E-140 Background: cpm

Legend:

Dose rates are gamma and are in mrem/hr unless otherwise noted.
All smears in dpm/100cm² unless otherwise noted.
All LAS's in cpm/LAS unless otherwise noted.

- ⊙ - Large Area Smear Location
- ⊙ - Smear Location
- ⊙ - Air Sample Location
- # - Contact Dose Rate
- # - General Area (G/A) Dose Rate
- X-X-X - Boundary
- Step - Step ON Pad
- 300 - Contact / 30cm(GA) Dose rates
- NHPD - No Hot Particles Detected
- CHPPTE - Contact HP Prior To Entry
- RCA - Radiologically Controlled Area
- RM - Radioactive Material(s)
- RA - Radiation Area
- HRA - High Radiation Area
- CA - Contaminated Area
- ARA - Airborne Radioactivity Area
- RPR - Respiratory Protection Required
- SRPTE - Survey Required Prior to Entry
- CPM - Counts per Minute
- NDβ - No Detectable Beta
- NDA - No Detectable Activity
- LAS - Large Area Smear

Indicate A/S location(s) on survey with air sampler(s) serial no. & Cal Due dates above

HP/MANAGER OR DESIGNEE REVIEW:

DATE:

m 4/19/06

Postings: RCA RM CA RA HRA Contact HP Prior to Entry

Outside the RCA Other

**CONNECTICUT YANKEE NUCLEAR POWER COMPANY
SURVEY RECORD FORM**

Surveyor's Name: (Printed) D. Johnson, J. DeGustino Surveyor's Signature: [Signature] Location: SOUTH PENINSULA Date: 4-19-66 Time: 1600
 Area #: 9530 Log #:

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
E600 / 1107	8-22-66	SPA3 / 1001 5-26-66
ELECTRA / 5053	9-15-66	BP 1980 / 202

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER R.A.

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

SMEAR	BY MDA = <u>N/A</u>		Q. MDA = <u>N/A</u>	
	Beta-Gamma	Alpha	Beta-Gamma	Alpha
1			16	
2			17	
3			18	
4			19	
5			20	
6			21	
7			22	
8	<u>N/A</u>		23	<u>N/A</u>
9			24	
10			25	
11			26	
12			27	
13			28	
14			29	
15			30	

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:

Dose rates are gamma and are in mrem/hr unless otherwise noted
 All smears in dpm/100cm² unless otherwise noted.
 All LAS's in cpm/LAS unless otherwise noted.

- Large Area Smear Location
- Smear Location
- Air Sample Location
- Contact Dose Rate
- General Area (G/A) Dose Rate
- Boundary
- Step Off Pad
- Contact / 30cm(GA) Dose rates
- NHPD - No Hot Particles Detected
- CHPTE - Contact HP Prior To Entry
- RCA - Radiologically Controlled Area
- RM - Radioactive Materials
- RA - Radiation Area
- HRA - High Radiation Area
- CA - Contaminated Area
- ARA - Airborne Radioactivity Area
- RPR - Respiratory Protection Required
- SRPTE - Survey Required Prior to Entry
- CPM - Counts per Minute
- NDA - No Detectable Activity
- LAS - Large Area Smear

4 LOCATIONS EXCAVATED LOOKING FOR METAL DEBRIS & AND SOIL SAMPLES TAKEN. SAMPLES LABELED:

TP1355RA TP1354RA
 TP1356RA TP1358RA

THE SOIL PILES WERE SCANNED USING A E600 METER 5 PILES HAD NO ELEVATED READINGS ABOVE THE ACTION LEVEL

SOIL PILE TP1357 HAD AND AREA ABOVE THE E600 ACTION LEVEL HIGH OF 10.1K - SCAN RESULTS 13.4K A SOIL SAMPLE WAS TAKEN AT THAT AREA AND LABELED TP1357-2RA

METAL DEBRIS CONSISTING OF MISCELLANEOUS METALS, AND GRATING WAS SURVEYED BY DIRECT FRISK AND LAS. NO ACTIVITY ABOVE BACKGROUND WAS DETECTED

ELECTRA BKG: 360 CPM

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: [Signature] DATE: 4/20/66

Attachment C
Daily Survey Journal

Page 1 of 2


Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #:- 0000	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 04/20/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of Don Johnson and John Degostin. Survey supervisor Joel Goergen. SSWP work activities include sampling and survey of material excavated from test pits on the peninsula
0715	Survey team secures the equipment necessary to support SSWP activities.
0800	Sampled test pit TP 1340 RA. This test pit was previously sampled. A drum containing radioactive material was previously found in pit. Scan survey of soil indicated no reading above the action level.
0930	Started excavating test pit TP 1360. Meters used for surveying are E600 1107 Cal Due 08/28/2006 with SPA 3 1001 Cal Due 08/28/2006, E600 1114 Cal Due 04/12/2007 with SPA 3 1010 Cal Due 04/18/2007, E600 1112 Cal Due 09/28/2006 with SPA 3 1006 Cal Due 10/31/2006, Electra 5050 cal due 3/21/07 with probe BP19BD 264. Exploranium GR130 1177. Small amount of metal debris found in test pit. No licensed activity identified in field
0950	Soil sample taken in test pit. Sample # TP 1360 RA
0955	Started excavating test pit TP 1361. Small amount of debris founds. No licensed activity identified.
1005	Soil sample taken in test pit. Sample # TP 1361 RA
1030	SSWP work activities include sampling and surveying of material excavated from the Septic System at the head of the peninsula.
1030	Surveyed debris found in excavated septic system area. No licensed activity identified.
1330	Surveyed duct bank in excavated septic system area. No licensed activity identified.
1345	Scanned excavated soil from septic area. No activity detected above action level.
1350	Sampled excavated soil from septic area 9520-0001-014 RACR
1353	Sampled excavated soil from septic area 9520-0001-016 RACR

Attachment C
Daily Survey Journal

Page 2 of 2

1357	Sampled excavated soil from septic area 9520-0001-015 RACR
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;


Juel Koelbel

CONNECTICUT YANKEE NUCLEAR POWER COMPANY

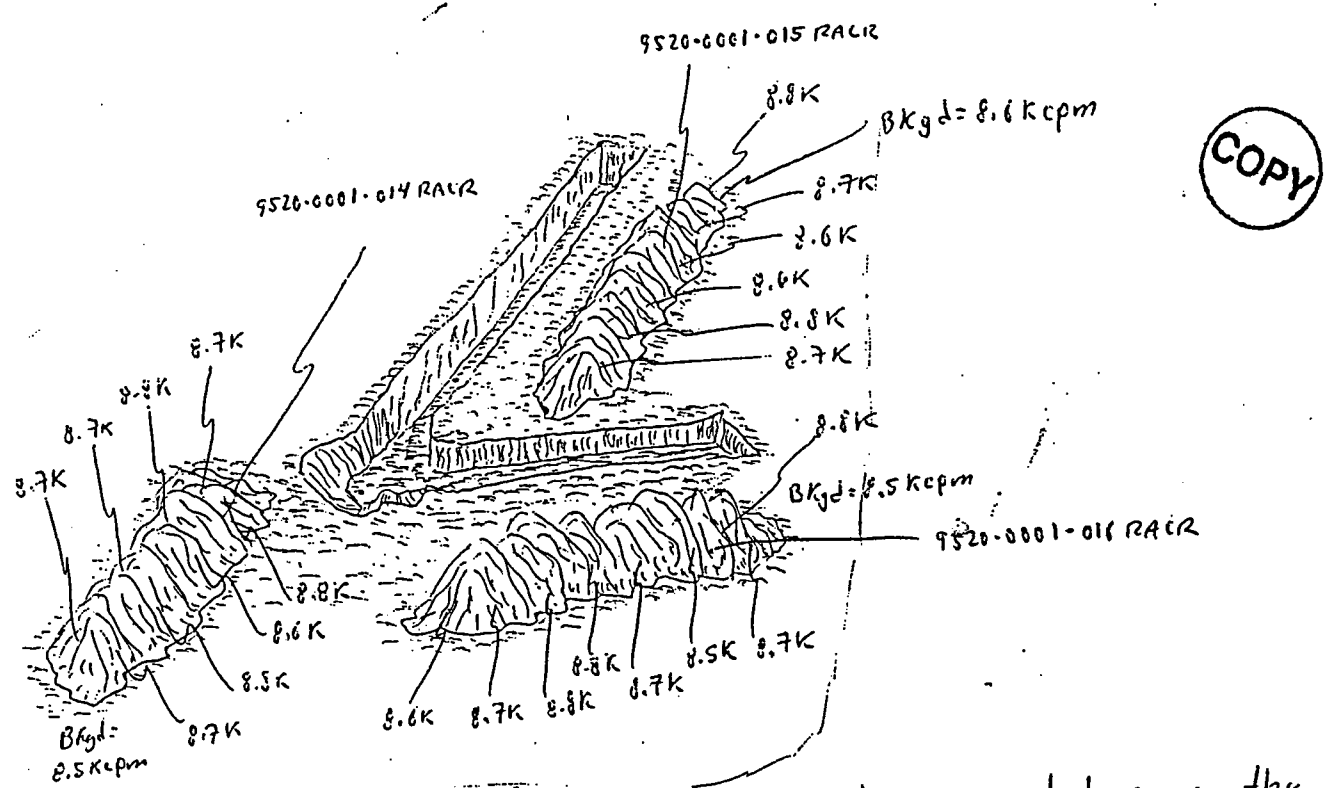
SURVEY RECORD FORM

Surveyor Name: (Printed) **D. D. AND**
D. SIMPSON / Eli Torres

Surveyor Name: (Signature) *[Signature]*

Location:
NORTH PENINSULA

Date: **4-20-2006** Time: **16:00** Log #: _____
 Area #: **9520** Map #: **N/A** Rev #: **N/A**



COPY

INSTRUMENTS USED		
MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
E-600/1112	9-28-06	SIA-3/1006
ELECTRA/5050	3-21-07	BM900/264
ELECTRA/5048	3-7-07	BM900/264
N		
A		

REASON FOR SURVEY

RACR

ROUTINE
 RWP
 OTHER

Air Sample Control #: **N/A** Total DAC Fraction: **N/A**

CONTAMINATION RESULTS (SMEARS) dpm/100cm ²						
BY MDA: N/A			α MDA: N/A			
SMEAR #	RESULTS			SMEAR #	RESULTS	
	Beta-Gamma	Alpha			Beta-Gamma	Alpha
1				11		
2				12		
3				13		
4				14		
5	N/A			15	N/A	
6				16		
7				17		
8				18		
9				19		
10				20		

Smear Continuation Sheet Used: YES NO

Legend:

Dose rates are gamma and are in mrem/hr unless otherwise noted
 All smears in dpm/100cm² unless otherwise noted
 All LAS's in cpm/LAS unless otherwise noted

⊙ - Large Area Smear Location	ARA - Airborne Radioactivity Area
△ - Air Sample Location	RA - Radiation Area
⊙ - Smear Location	CA - Contaminated Area
# - Contact Dose Rate	HRA - High Radiation Area
# - General Area (GA) Dose Rate	LHRA - Locked High Radiation Area
XXX - Indicates Boundary	RM - Radioactive Material(s)
SGP - Step Off Pad	HCA - High Contamination Area
RPR - Respiratory Protection Required	HPA - Hot Particle Area
LAS - Large Area Smear	RCA - Radiologically Contaminated Area
NHPD - No Hot Particle Detected	SRPTE - Survey Required Prior to Entry
CHPTE - Contact HP Prior To Entry	CPM - Counts per Minute
1/30 - Contact / 30cm (GA) Dose rates	NDA - No Detectable Activity
Lead (Pb) Shielding	NDB - No Detectable Beta
	TSLHRA - Tech Spec Locked High Radiation Area

→ PERFORMED a scanning survey of the soil piles excavated from the trench. Survey results indicate No elevated activity above identified action level was detected by scan survey.

→ LAS and direct frisk survey performed on water pipes, cement pieces and corrugated pipes. Survey results indicate No activity was detected above background by direct frisk and ^{CS} evaluation survey.

Bgd = 300 cpm

RM-14 / E-140 Background: **N/A**

Contact HP Prior to Entering
 Airborne Radioactivity Area
 Respirator Protection Required
 Outside the RCA
 HCA
 HRA
 Spec 2

HP MANAGER OR DESIGNEE REVIEW: _____ DATE: **4-24-06**

**CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY REPORT FORM**

Surveyor's Name: (Printed)

Surveyor's Signature:

Location:

Date: 4-20-06

Time: 1300

D Johnson

D Johnson

SOUTH PENINSULA

Area #: 9530

Log #:

E600 BKG = 6187K = 7.14K

ELECTRA BKG = 394 CPM

3 LOCATIONS WERE EXCAVATED LOOKING FOR METAL

DEBRIS - SOIL SAMPLES WERE ALSO TAKEN -

SAMPLES LABELED, TP 1340 RA

TP 1360 RA

TP 1361 RA

SOIL PILES CREATED FROM THE EXCAVATION WERE
SCANNED USING A EGCO METER. THE PILES HAD NO
ELEVATED READINGS ABOVE THE ACTION LEVEL

METAL DEBRIS AND MISCELLANEOUS METALS EXCAVATED
WERE SURVEYED BY DIRECT FRISK AND LAS.

NO ACTIVITY ABOVE BACKGROUND WAS DETECTED

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
E600/1107	8-28-06	SPH 3/100i 5-22-06
E600/1814	9-12-07	SPH 3/1010 4-12-07
ELECTRA/5050	3-21-07	BP 69 BD/204
		N/A

COPY

REASON FOR SURVEY

- ROUTINE
 RWP
 OTHER

R. A. C. R.

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²






















BY MDA = N/A			Q MDA = N/A		
SMEAR	RESULTS		SMEAR	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8		N/A	23		N/A
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:

Dose rates are gamma and are in mrem/hr unless otherwise noted.
All smears in dpm/100cm² unless otherwise noted.
All LAS's in cpm/LAS unless otherwise noted.

-  - Large Area Smear Location
-  - Smear Location
-  - Air Sample Location
-  - Contact Dose Rate
-  - General Area (G/A) Dose Rate
-  - Boundary
-  - Step Off Pad
-  - Contact / 30cm(GA) Dose rates
-  - NHPD - No Hot Particles Detected
-  - CHPPTE - Contact HP Prior To Entry
-  - Radiologically Controlled Area
-  - Radioactive Materials
-  - Radiation Area
-  - High Radiation Area
-  - Contaminated Area
-  - Airborne Radioactivity Area
-  - Respiratory Protection Required
-  - Survey Required Prior In Entry
-  - Counts per Minute
-  - No Detectable Activity
-  - Large Area Smear

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: _____ DATE: _____

[Signature] 4-24-06

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9520	Survey Area Name: Peninsula
Survey Unit #:- 0001	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 04/24/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of Don Johnson, J.Rand, J. Degostin. Survey supervisor Joel Goergen. SSWP work activities include sampling and survey of material excavated from the septic tank area at the head of the peninsula
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are E600 1106 Cal Due 08/158/2006 with SPA 3 1007 Cal Due 05/12/2006, Electra 5052 cal due 4/13/07 with probe BP19BD 263. Electra 5050 cal due 3/21/07 with probe BP19BD. 263Exploranium GR130 1177.
0930	Surveyed water piping and other debris excavated from septic tank area. No licensed radioactivity detected..
1330	Surveyed miscellaneous debris removed from septic tank excavation.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;



Joel Goergen



**CONNECTICUT ATOMIC POWER COMPANY
SURVEY REPORT FORM**

Surveyor's Name: (Printed) D. Johnson / J. Rand Surveyor's Signature: [Signature] Location: PENINSULA

Date: 4-24-06 Time: 1600 Log #: _____
Area #: 9520 Air Sample(s): YES NO

METAL DEBRIS, WATER PIPES, AND CONCRETE BLOCKS
EXCAVATED FROM DIG TO REMOVE SEPTIC SYSTEM
WERE SURVEYED BY DIRECT FRISK AND LITS
RESULTS; NO DETECTABLE ACTIVITY ABOVE BACKGROUND
WAS FOUND



INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA / 5052	4-13-07	BP198D / 263
ELECTRA / 5050	3-21-07	BP198D / 264

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER RACR

CONTAMINATION RESULTS (SMEARS) dpm/100cm²

SMEAR	BY MDA= <u>N/A</u>		O. MDA= <u>N/A</u>	
	RESULTS		RESULTS	
	Beta-Gamma	Alpha	Beta-Gamma	Alpha
1			16	
2			17	
3			18	
4			19	
5			20	
6			21	
7			22	
8			23	
9			24	
10			25	
11			26	
12			27	
13			28	
14			29	
15			30	

Smear Continuation Sheet Used? YES NO
RM-14 / E-140 Background: _____ cpm

Legend:

Dose rates are gamma and are in mrem/hr unless otherwise noted
All smears in dpm/100cm² unless otherwise noted
All LAS's in ccpm/LAS unless otherwise noted.

- Large Area Smear Location	RCA - Radiologically Controlled Area
- Smear Location	RM - Radioactive Material(s)
- Air Sample Location	RA - Radiation Area
- Contact Dose Rate	HRA - High Radiation Area
- General Area (G/A) Dose Rate	CA - Contaminated Area
- Boundary	ARA - Airborne Radioactivity Area
- Slip Oil Pad	RPR - Respiratory Protection Required
- Contact / 30cm(GA) Dose rates	SRPTE - Survey Required Prior to Entry
- No Hot Particles Detected	CPM - Counts per Minute
- Contact HP Prior To Entry	NDβ - No Detectable Beta
	NDA - No Detectable Activity
	LAS - Large Area Smear

*Indicate A/S location(s) on survey with air sampler(s) serial no. & Cal Due dates above

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: _____ DATE: 4/25/06

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9520 9530	Survey Area Name: Peninsula
Survey Unit #:- 0001 0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 04/25/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of E.Torres , J.Rand, J. Degostin. Survey supervisor Joel Goergen. SSWP work activities include sampling and survey of material excavated from the septic tank area at the head of the peninsula and survey of material removed from asbestos areas from excavated test pits on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are E600 1112 Cal Due 08/28/2006 with SPA 3 1006 Cal Due 08/9/2006, Electra 5042 cal due 3/7/07 with probe BP19BD 269.
0930	Surveyed debris excavated from asbestos areas from excavated test pits. No licensed radioactivity detected.
1330	Surveyed debris excavated from asbestos areas from excavated test pits. No licensed radioactivity detected.
1330	Surveyed miscellaneous debris removed from septic tank excavation.
1500	Sample taken under septic tank # 9520-0001-017 RACR
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;  Joel Goergen



CONNECTICUT YANKEE ATOMIC POWER COMPANY

SURVEY REPORT FORM

Surveyor's Name: (Printed)

J BRAND

Surveyor's Signature:

J Brand

Location:

NORTH PENINSULA - SEPTIC TANK AREA

Date: 4/25/06

Time: 1600

Area #: 9520

Log #:

PERFORMED A SCAN SURVEY OF SOIL FROM UNDER THE SEPTIC TANKS AFTER THE TANKS WERE REMOVED. NO ELEVATED ACTIVITY ABOVE BACKGROUND WAS FOUND. SOIL SAMPLE #9520-0001-017-RACR WAS TAKEN, AND SHOWS NO PLANT-RELATED NUCLIDES.

COPY

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELDD #1112	9/28/06	SFA 3# 1006

REASON FOR SURVEY

- ROUTINE
 RWP
 OTHER

RA

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.SMEAR RESULTS dpm/100cm²

BY MDA*			Q. MDA*		
SMEAR	RESULTS		SMEAR	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8			23		
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: 68K-7K cpm

Legend:

Dose rates are gamma and are in mrem/hr unless otherwise noted.
 All smears in dpm/100cm² unless otherwise noted.
 All LAS's in ccpm/LAS unless otherwise noted.

- | | | | |
|--|----------------------------------|-------|-----------------------------------|
| | - Large Area Smear Location | RCA | - Radiologically Controlled Area |
| | - Smear Location | RM | - Radioactive Material(s) |
| | - Air Sample Location | RA | - Radiation Area |
| | - Contact Dose Rate | HRA | - High Radiation Area |
| | - General Area (GA) Dose Rate | CA | - Contaminated Area |
| | - Boundary | ARA | - Airborne Radioactivity Area |
| | - Step Off Pad | RPR | - Respiratory Protection Required |
| | - Contact / 30cm (GA) Dose rates | SRPTE | - Survey Required Prior to Entry |
| | - No Hot Particles Detected | CPM | - Counts per Minute |
| | - Contact HP Prior To Entry | NDA | - No Detectable Activity |
| | | LAS | - Large Area Smear |

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: DATE:

J Brand 4/26/06

CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY REPORT FORM

Surveyor Name (Printed) JOHN DEGOSTIN Surveyor Name (Signature) John DeGostin Location Penninsula

Date: 4/25/06 Time: 1600 Log # _____
Area: 9530-0004 Map # N/A Rev # N/A

TEST PITS (1342 & 1344)

Several barrels, large pieces of Crushed up scrap metal and some pieces of piping were surveyed by direct Frisk and found to have no detectable activity above background

background = 300-500 cpm

COPY

Instruments Used			
Model/Serial #	Cal Due	Probe/Serial #	Cal Due
ELECTRA 262	3/6/07	BP19BD 266	3/6/07
N/A			

Reason For Survey

Routine

RWP

Other Investigative

Air Sample Control # N/A Total DAC Fraction N/A

CONTAMINATION RESULTS (SMEAR) dpm/100cm					
BY MDA=		α MDA=			
Sample #	RESULTS		Sample #	RESULTS	
	Beta Gamma	Alpha		Beta Gamma	Alpha
N/A					

Smear Continuation Sheet Used Yes No

Legend

NDA = No Detectable Activity

Dose rates are gamma and are in mrem/hr unless otherwise noted.
All smears in Dpm/100cm unless otherwise noted.
All LAS's in cpm/LAS unless otherwise noted.

- Large Area Swipe Location
- Air Sample Location
- Smear Location
- Contact Exposure Rate
- General Area Exposure Rate
- Indicates Boundary
- Step Off Pad
- Respiratory Protection Required
- Airborne Radioactivity Area
- Radiation Area
- Contaminated Area
- High Radiation Area
- Locked High Radiation Area
- Radioactive Material
- High Contamination Area
- Hot Particle Area
- Radiologically Controlled Area

Postings

Other

RCA RM CA RA LHRA

Outside the RCA HCA HRA Spec 2

Contact HP Prior to Entering

Airborne Radioactivity

Respiratory Protection Area


HP Manager or Designee Review [Signature] Date 4/27/06

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #:- 0004	WP&IR #: 2006-0007
<p align="center">Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 04/26/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of E.Torres , J. Degostin. Survey supervisor Joel Goergen. SSWP work activities include sampling and survey of material excavated from asbestos areas from excavated test pits on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. , Electra 5042 cal due 3/7/07 with probe BP19BD 269.
0930	Surveyed debris excavated from asbestos areas from excavated test pits. No licensed radioactivity detected.
1330	Surveyed debris excavated from asbestos areas from excavated test pits. No licensed radioactivity detected.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;

 Joel Goergen

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #:- 0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 04/27/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of E.Torres , J. Degostin, and D. Johnson. Survey supervisor Joel Goergen. SSWP work activities include sampling and survey of material excavated from asbestos areas from excavated test pits on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. , Electra 262 cal due 3/6/07 with probe BP19BD 266.
0930	Surveyed debris excavated from asbestos areas from excavated test pits. No licensed radioactivity detected.
1330	Surveyed debris excavated from asbestos areas from excavated test pits. No licensed radioactivity detected.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;  Joel Goergen

CONNECTICUT YANKEE ATOMIC POWER COMPANY

SURVEY RECORD FORM

725160

Surveyor's Name: (Printed) J. DEGOSTIN

Surveyor's Signature: *J. DeGostin*

Location:

South peninsula

Date: 4-26-2006

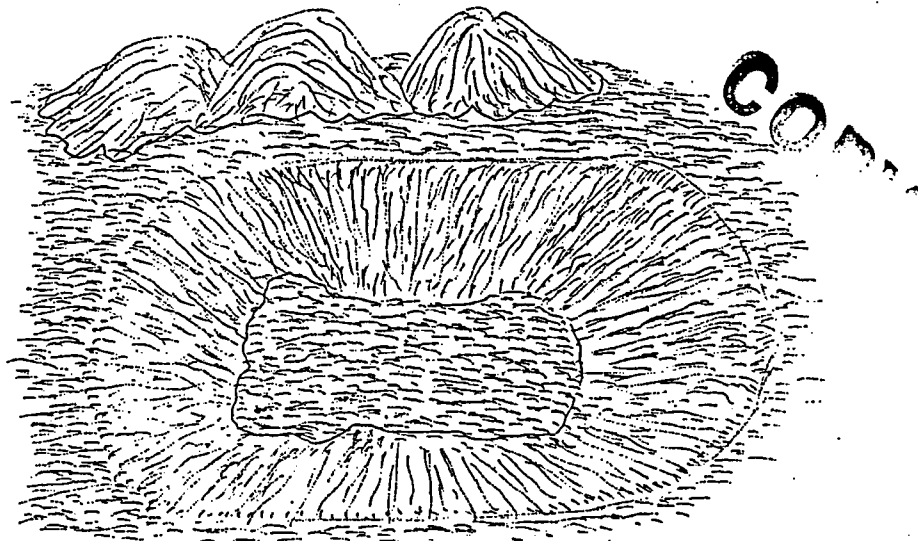
Time: 16:00

Eli Tenney D. Johnson

Eli Tenney D Johnson

Area #: 9530

Log #:



17 CRUSHED BARRELS AND SEVERAL LARGE PIECES OF TWISTED UP METAL AND PIPING.

ALL WERE SURVEYED WITH AN ELECTRA 1B AND LAS'S AND WERE FOUND TO HAVE NO DETECTABLE ACTIVITY ABOVE BACKGROUND

BKG = 300 cpm

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA 1262	3-6-07	BP1980/266

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER INVESTIGATIVE

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

BY MDA = <u>N/A</u>		Q MDA = <u>N/A</u>			
SMEAR	RESULTS		SMEAR	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8			23		
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:
 Dose rates are gamma and are in mrem/hr unless otherwise noted
 All smears in dpm/100cm² unless otherwise noted.
 All LAS's in cpm/LAS unless otherwise noted.

- Large Area Smear Location
- Smear Location
- Air Sample Location
- Contact Dose Rate
- General Area (G/A) Dose Rate
- Boundary
- Step OR Pad
- Contact / 30cm(GA) Dose rates
- No Hot Particles Detected
- Contact HP Prior To Entry
- Radiologically Controlled Area
- Radioactive Material(s)
- Radiation Area
- High Radiation Area
- Contaminated Area
- Airborne Radioactivity Area
- Respiratory Protection Required
- Survey Required Prior to Entry
- Counts per Minute
- No Detectable Activity
- Large Area Smear

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: *[Signature]* DATE: 5/1/06

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #:- 0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 05/1/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of E.Torres , J. Degostin, and D. Johnson. Survey supervisor Joel Goergen. SSWP work activities include sampling and survey of material excavated from asbestos areas from excavated test pits on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used include Electra 5052 cal due 4/136/07 with probe BP19BD 263.
0930	Surveyed debris excavated from asbestos areas from excavated test pits. No licensed radioactivity detected. Test pit areas TP 1342 and 1344.
1330	Surveyed debris excavated from asbestos areas from excavated test pits. No licensed radioactivity detected. TP areas 1342 and 1344.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;

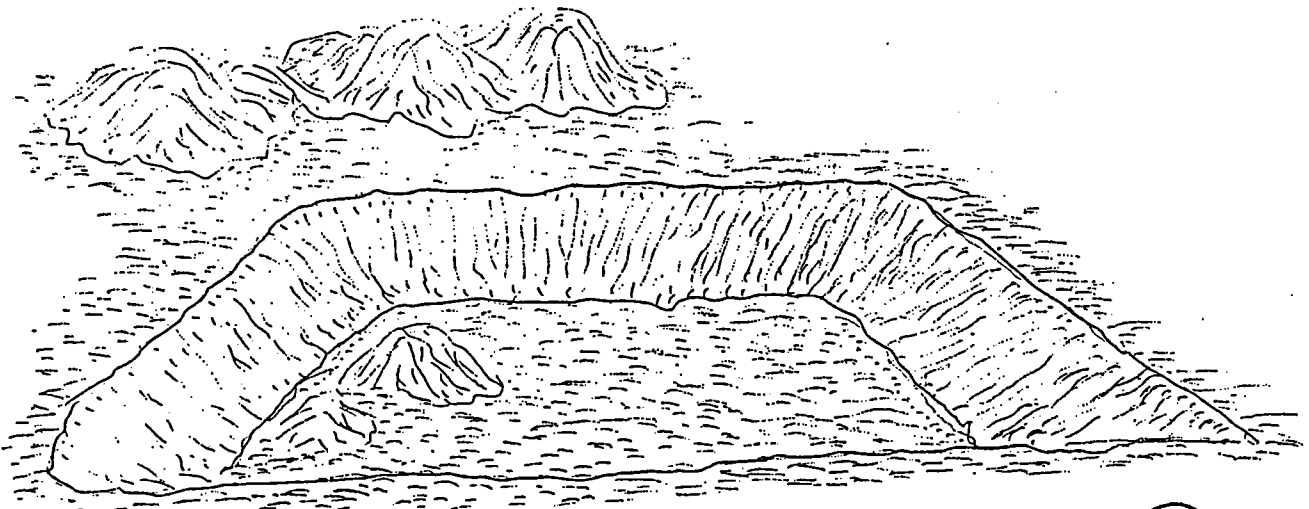


Joel GOERGEN

CONNECTICUT YANKEE ATOMIC POWER COMPANY SURVEY RECORD FORM

Surveyor Name: (Printed) D. JOHNSON / J. DeGostino Surveyor Name: (Signature) [Signature] Location: South PENINSULA

Date: 5-1-2006 Time: 16:00 Log #: _____
Area #: 9530 Map #: N/A Rev #: N/A



INSTRUMENTS USED		
MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA / 5052	4-13-07	801980 / 263
N/A		

REASON FOR SURVEY
 ROUTINE
 RWP
 OTHER R.A.

Air Sample Control #: N/A Total DAC Fraction N/A

CONTAMINATION RESULTS (SMEARS) dpm/100cm ²					
BY MDA = <u>N/A</u>			Q MDA = <u>N/A</u>		
SMEAR #	RESULTS		SMEAR #	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			11		
2			12		
3			13		
4			14		
5			15		
6			16		
7			17		
8			18		
9			19		
10			20		

Smear Continuation Sheet Used. YES NO

- Legend:**
 Dose rates are gamma and are in mrem/hr unless otherwise noted
 All smears in dpm/100cm² unless otherwise noted
 All LAS's in cpm/LAS unless otherwise noted
- ⊙ - Large Area Smear Location
 - ⚠ - Air Sample Location
 - ⊙ - Smear Location
 - # - Contact Dose Rate
 - # - General Area(GA) Dose Rate
 - XXX - Indicates Boundary
 - SOP - Stop Oil Pad
 - RPR - Respiratory Protection Required
 - LAS - Large Area Smear
 - NHPD - No Hot Particle Detected
 - CHPPTE - Contact HP Prior To Entry
 - 3/4 - Contact / 30cm(GA) Dose rates
 - ☒ - Lead (Pb) Shielding
 - ARA - Airborne Radioactivity Area
 - RA - Radiation Area
 - CA - Contaminated Area
 - HRA - High Radiation Area
 - LHRA - Locked High Radiation Area
 - RM - Radioactive Material
 - HCA - High Contamination Area
 - HPA - Hot Particle Area
 - RCA - Radiologically Controlled Area
 - SRPTE - Survey Required Prior to Entry
 - CPM - Counts per Minute
 - NDA - No Detectable Activity
 - NDB - No Detectable Beta
 - TSLHRA - Tech Spec Locked High Radiation Area

RM-14 / E-140 Background :

HP MANAGER OR DESIGNEE REVIEW: [Signature] DATE: 5/2/06

LAS and direct frisk survey performed on 11 drums, 2 pipes and 5 metal pieces removed from the trench
 Survey results indicate No Activity was detected above background by direct frisk and evaluation of LAS survey.
 Bkgd = 260 cpm

Postings Other _____ Contact HP Prior to Entering
 RCA RM CA RA TSLHRA Airborne Radioactivity Area
 Outside The RCA HCA HRA Spec 2 Respirator Protection Required

Attachment C
Daily Survey Journal

Page 1 of 2

Survey Area #: 9530 9520	Survey Area Name: Peninsula
Survey Unit #:- 0004 0001	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 05/2/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of J. Degostin and Don Johnson. Survey supervisor Joel Goergen. SSWP work activities include sampling and survey of material excavated from asbestos areas from excavated test pits on the peninsula. Other work activities include scanning and sampling soil and surveying debris from additional test pit areas and scanning and sampling soil from an excavated septic tank area in 9520-0001.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are E600 1107 Cal Due 08/28/2006 with SPA 3 1001 Cal Due 08/28/2006, Electra 262 cal due 3/6/07 with probe BP19BD 266.
0930	Surveyed debris excavated from asbestos areas from excavated test pits. No licensed radioactivity detected. Test pit areas TP 1342 and 1344.
1100	Started excavating test pit TP 1365.
1115	Sample taken in test pit 1365 - TP 1365 RA. No licensed activity detected during survey.
1120	Backfilled test pit 1365
1125	Started excavating test pit TP 1366.
1135	Sample taken in test pit 1366 - TP 1366 RA. No licensed activity detected during survey.
1140	Backfilled test pit 1366.
1300	Started excavating test pit TP 1367
1350	Sample taken in test pit 1367- TP 1367 RA. No licensed activity detected during survey.
1410	Backfilled test pit 1367
1440	Sampled excavated septic tank area in 9520-0001 Sample 9520-0001-018 RACR.
1455	Started excavating test pit TP 1368
1505	Sample taken in test pit 1368- TP 1368 RA. No licensed activity detected during survey.

Attachment C
Daily Survey Journal
Page 2 of 2

1510	Backfilled test pit 1368
1520	Started excavating test pit TP 1369
1530	Sample taken in test pit 1369- TP 1369 RA. No licensed activity detected during survey.
1545	Backfilled test pit 1369
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by:



JUL GANER

**CONNECTICUT YANKEE NUCLEAR POWER COMPANY
SURVEY RECORD FORM**

Surveyor's Name: (Printed) D. JOHNSON Surveyor's Signature: [Signature] Location: PENINSULA

Date: 5-2-06 Time: 1600 Log #: _____
 Area #: 9520 Air Sample(s): YES NO

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
<u>E600/1007</u>	<u>8-13-06</u>	<u>SPA3-1001</u>
<u>N/A</u>		

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER VERIFICATION SURVEY

CONTAMINATION RESULTS (SMEARS) dpm/100cm²

BY MDA= <u>N/A</u>		Q.MDA= <u>N/A</u>	
SMEAR	RESULTS	SMEAR	RESULTS
	Beta-Gamma Alpha		Beta-Gamma Alpha
1		16	
2		17	
3		18	
4		19	
5		20	
6		21	
7		22	
8	<u>N/A</u>	23	<u>N/A</u>
9		24	
10		25	
11		26	
12		27	
13		28	
14		29	
15		30	

A SCAN SURVEY WAS PERFORMED ON THE SOIL PILE CREATED DURING THE REMOVAL OF THE SEPTIC SYSTEM. THE BACKGROUND READING OF THE E600 SCANNING INSTRUMENT WAS 10.3KCPM - NO ELEVATED READING ABOVE THE ACTION LEVEL WAS DETECTED.

A SOIL SAMPLE WAS TAKEN AND LABELED 9520-0001-018 RACR

Smear Continuation Sheet Used? YES NO
 RM-14 / E-140 Background: _____ cpm

Legend:

Dose rates are gamma and are in mrem/hr unless otherwise noted.
 All smears in dpm/100cm² unless otherwise noted.
 All LAS's in ccpm/LAS unless otherwise noted.

	- Large Area Smear Location	RCA - Radiologically Controlled Area
	- Smear Location	RM - Radioactive Material(s)
	- Air Sample Location	RA - Radiation Area
	- Contact Dose Rate	HRA - High Radiation Area
	- General Area (G/A) Dose Rate	CA - Contaminated Area
	- Boundary	ARA - Airborne Radioactivity Area
	- Step Off Pad	RPR - Respiratory Protection Required
	- Contact / 30cm(GA) Dose rates	SRPTE - Survey Required Prior to Entry
	- No Hot Particles Detected	CPM - Counts per Minute
	- Contact HP Prior To Entry	NDβ - No Detectable Beta
		NDA - No Detectable Activity
		LAS - Large Area Smear

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: [Signature] DATE: 5-3-06


Attachment C
Daily Survey Journal

Page 1 of 2

Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #- 0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 05/3/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of J. Degostin and Don Johnson. Survey supervisor Joel Goergen. SSWP work activities include sampling and survey of material excavated from from excavated test pits on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are E600 1107 Cal Due 08/28/2006 with SPA 3 1001 Cal Due 08/28/2006, Electra 5054 cal due 10/12/06 with probe BP19BD 260.
0830	Started excavating test pit TP 1370.
0840	Sample taken in test pit 1370 - TP 1370 RA. No licensed activity detected during survey.
0845	Backfilled test pit 1370
0930	Started excavating test pit TP 1371.
0950	Sample taken in test pit 1371 - TP 1371 RA. No licensed activity detected during survey.
1000	Backfilled test pit 1371.
1010	Started excavating test pit TP 1372
1050	Sample taken in test pit 1372- TP 1372 RA. No licensed activity detected during survey.
1115	Backfilled test pit 1372
1300	Started excavating test pit TP 1373
1320	Sample taken in test pit 1373- TP 1373RA. No licensed activity detected during survey.
1340	Backfilled test pit 1373
1350	Started excavating test pit TP 1374
1355	Sample taken in test pit 1374- TP 1374 RA. No licensed activity detected during survey.
1435	Backfilled test pit 1374

Attachment C
Daily Survey Journal
Page 2 of 2

1630	All tools equipment and materials have been returned to appropriate storage locations.
------	--

Completed by;  JOEL GUELLER 5/3/66

**CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY RECORD FORM**

Surveyor's Name: (Printed) D. JOHNSON / J. DeGostin Surveyor's Signature: [Signature] Location: PENINSULA Date: 3-3-06 Time: 1600
 Area #: 9530 Log #:

INSTRUMENTS USED		
MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA / 5054	10-18-06	BP 198D / 262
EGOO / 1107	8-28-06	SPM-3 / 1001 5-26-06
N/A		

5 TEST PITS WERE EXCAVATED LOOKING FOR METAL DEBRIS - SOIL SAMPLES WERE TAKEN AT EACH PIT

- SAMPLES LABELED:
- TP 1370 RA
 - TP 1371 RA
 - TP 1372 RA
 - TP 1373 RA
 - TP 1374 RA

COPY

THE SOIL PILES CREATED FROM THE EXCAVATION WERE SURVEYED USING A EG00 METER - NO ELEVATED READINGS ABOVE THE ACTION LEVEL WAS DETECTED. THE AVERAGE BACKGROUND WAS 6.9 KCPM

METAL DEBRIS AND A LARGE PIPE ELBOW WERE SURVEYED BY DIRECT FRISK AND LAS - NO ACTIVITY ABOVE BACKGROUND WAS DETECTED - EG00 BACKGROUND = 334 CPM

REASON FOR SURVEY
 ROUTINE
 RWP
 OTHER RAD ASSESSMENT

Air Sample(s): NO YES ^{05/13/06} Indicate AS location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm ²					
SMEAR	BY MDA = <u>N/A</u>		α MDA = <u>N/A</u>		RESULTS
	Beta-Gamma	Alpha	Beta-Gamma	Alpha	
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8	N/A		23	N/A	
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO
 Portable Count Rate Instrument Background: _____ cpm

Legend:
 Dose rates are gamma and are in mrem/hr unless otherwise noted.
 All smears in dpm/100cm² unless otherwise noted.
 All LAS's in cpm/LAS unless otherwise noted.

⊙	- Large Area Smear Location	RCA	- Radiologically Controlled Area
⊙	- Smear Location	RM	- Radioactive Material(s)
⊙	- Air Sample Location	RA	- Radiation Area
⊙	- Contact Dose Rate	HRA	- High Radiation Area
#	- General Area (GA) Dose Rate	CA	- Contaminated Area
XXXX	- Boundary	ARA	- Airborne Radioactivity Area
⊙	- Step ON Pad	RPR	- Respiratory Protection Required
⊙	- Contact / 30cm(GA) Dose rates	SRPTE	- Survey Required Prior to Entry
NHPD	- No Hot Particles Detected	CPM	- Counts per Minute
CHPTE	- Contact HP Prior To Entry	NDA	- No Detectable Activity
		LAS	- Large Area Smear

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: [Signature] DATE: 3-4-06

Attachment C
Daily Survey Journal


Page 1 of 2

Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #:- 0004	WP&IR #: 2006-0007
Specific instructions for using the Daily Survey Journal.	
<ol style="list-style-type: none"> 1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer. 2 All documentation will be complete and legible. 	
TIME	NOTES FOR SAMPLING DATE 05/4/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of J. Degostin and Don Johnson. Survey supervisor Joel Goergen. SSWP work activities include sampling and survey of material excavated from excavated test pits on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are E600 1107 Cal Due 08/28/2006 with SPA 3 1001 Cal Due 08/28/2006, Electra 5052 cal due 4/13/07 with probe BP19BD 263.
1300	Started excavating test pit TP 1375.
1325	Sample taken in test pit 1375 - TP 1375 RA. No licensed activity detected during survey.
1335	Backfilled test pit 1375
1345	Started excavating test pit TP 1376.
1400	Sample taken in test pit 1376 - TP 1376 RA. No licensed activity detected during survey.
1415	Backfilled test pit 1376.
1425	Started excavating test pit TP 1377
1435	Sample taken in test pit 1377- TP 1377 RA. No licensed activity detected during survey.
1450	Backfilled test pit 1377
1500	Started excavating test pit TP 1378
1510	Sample taken in test pit 1373- TP 1378RA. No licensed activity detected during survey.
1520	Backfilled test pit 1378
1525	Started excavating test pit TP 1379
1535	Sample taken in test pit 1379- TP 1379RA. No licensed activity detected during survey.
1540	Backfilled test pit 1379

Attachment C
Daily Survey Journal
Page 2 of 2

1630	All tools equipment and materials have been returned to appropriate storage locations.
------	--

Completed by;

 JULI CURRAN
5/1/06

CONNECTICUT YANKEE ATOMIC POWER COMPANY SURVEY RECORD FORM

Surveyor's Name: (Printed)

Eli Torres

Surveyor's Signature:

Location:

SFB 21' elevation

Date: 5-4-2006

Time: 11:00

Area #: 1100

Log #:

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
M603 / 208540	7-26-06	44-JR 92-215623

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER Verification of conditions

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

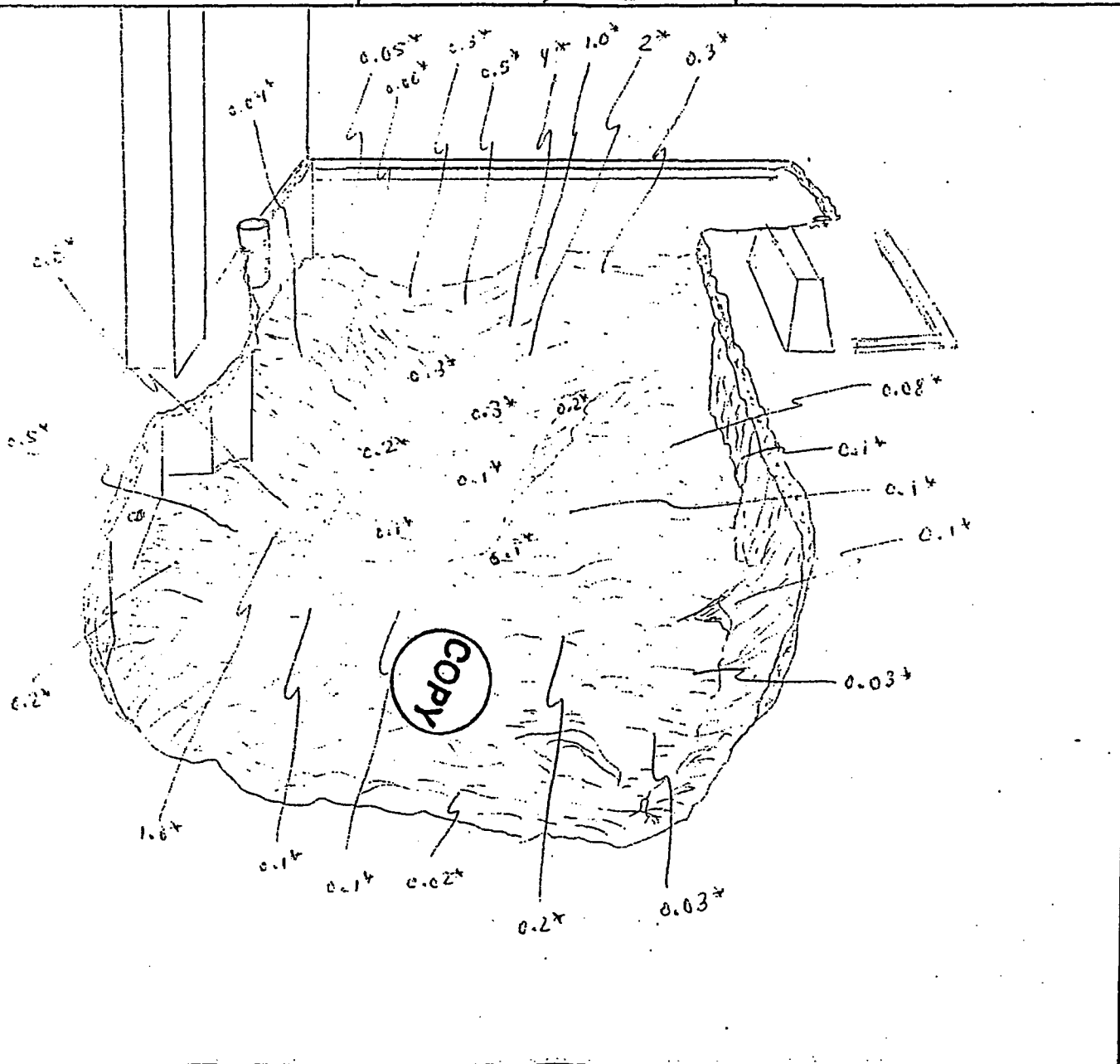
SMEAR	RESULTS		SMEAR	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8			23		
9	N/A		24	N/A	
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:

- Dose rates are gamma and are in mrem/hr unless otherwise noted.
 All smears in dpm/100cm² unless otherwise noted.
 All LAS's in ccpm/LAS unless otherwise noted.
- ⊙ - Large Area Smear Location
 - ⊙ - Smear Location
 - ⊙ - Air Sample Location
 - # - Contact Dose Rate
 - # - General Area (G/A) Dose Rate
 - XXX - Boundary
 - SOP - Step Off Pad
 - # - Contact / 30cm(GA) Dose rates
 - NHPD - No Hot Particles Detected
 - CHPPTE - Contact HP Prior To Entry
 - RCA - Radiologically Controlled Area
 - RM - Radioactive Material(s)
 - RA - Radiation Area
 - HRA - High Radiation Area
 - CA - Contaminated Area
 - ARA - Airborne Radioactivity Area
 - RPR - Respiratory Protection Required
 - SRPTE - Survey Required Prior to Entry
 - CPM - Counts per Minute
 - NDA - No Detectable Activity
 - LAS - Large Area Smear



Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: DATE:

[Signature] 7-4-06

**CONNECTICUT YANKEE NUCLEAR POWER COMPANY
SURVEY RECORD FORM**

Surveyor's Name (Printed):
John V. Sullivan

Surveyor's Signature:
[Signature]

Location:
SOUTH PENINSULA

Date: 5-4-06
Area #: 9530

Time: 1600
Log #:

COPY

5 TEST PITS WERE EXCAVATED LOOKING FOR METAL DEBRIS. SOIL SAMPLES WERE TAKEN AT EACH PIT FOR SPEC ANALYSIS

- SAMPLES LABLED:
- TP1375 RA
 - TP1376 RA
 - TP1377 RA
 - TP1378 RA
 - TP1379 RA

THE SOIL PILES CREATED FROM THE EXCAVATION WERE SURVEYED USING A EG600 METER - NO ELEVATED READINGS ABOVE THE ACTION LEVEL WERE DETECTED

THE AVERAGE EG600 BACKGROUND - 7.6 KCPM METAL DEBRIS AND A BARREL LID - SURVEYED BY DIRECT FRISK AND LAS - NO ACTIVITY ABOVE BACKGROUND WERE DETECTED - ELECTRA. BKG = 380 CPM

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA		
EG600 / 1107	8-28-06	5043 / 1001 5-26-06

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER

RAD. ASSESSMENT

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

BY MDA = N/A		Q. MDA = N/A			
RESULTS		RESULTS			
SMEAR	Beta-Gamma	Alpha	SMEAR	Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8	N/A		23	N/A	
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO

Portable Count Rate/Instrument Background: _____ cpm

Legend:

Dose rates are gamma and are in mrem/hr unless otherwise noted. All smears in dpm/100cm² unless otherwise noted. All LAS's in ccpm/LAS unless otherwise noted.

- Large Area Smear Location
- Smear Location
- Air Sample Location
- Contact Dose Rate
- General Area (G/A) Dose Rate
- Boundary
- Step Oil Pad
- Contact / 30cm(GA) Dose rates
- No Hot Particles Detected
- Contact HP Prior To Entry
- Radiologically Controlled Area
- Radioactive Material
- Radiation Area
- High Radiation Area
- Contaminated Area
- Airborne Radioactivity Area
- Respiratory Protection Required
- Survey Required Prior to Entry
- Counts per Minute
- No Detectable Activity
- Large Area Smear

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: *[Signature]* DATE: 5-4-06

Attachment C
Daily Survey Journal

Page 1 of 2

Survey Area #:	Survey Area Name: Peninsula test pit Rad Assessment
Survey Unit #:-	WP&IR #: N/A
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME 5/8/06	NOTES FOR SAMPLING DATE
0940	Crew back to job site following break.
1000	Begin Excavating test pit TP1382
1023	Hydraulic leak on combination backhoe. Stop work, operator removed machinery from the work area and left to get another machine.
1100	Operator back at TP1382 with excavator (Deer 330 LC). Begin clearing test pit area of trees to allow machine to get into the dig area.
1130	Uncover a small piece of rusted sheet metal, collect a sample from the excavated soil pile. Sample ID: TP1388-RA. No detectable Rad material.
1150	Break for lunch
1300	Resume test pit excavation 1383 (FF center).
1315	Test pit contains many metal debris: deck grating, corrugated aluminum, piping, 1 ½ inch metal rod, 8 inch pipe flange spacer, corrugated galbestos siding.
1320	Stop work, contact MBI safety for ACM notification (wait for safety).
1332	Rob Queles (MBI safety) confirmed that there was galbestos siding in the dig. The material was determined to be non friable asbestos, resume digging.
1355	Collect soil sample from the soil pile from soil excavated near the bottom of the test pit. Sample ID: TP1383-RA. Test pit appears to be full of construction debris including trash and burnt wood. The soil in the dig contains dark organics and clay. No detectable rad material.
1408	Sign off on the WP+IR for FSS and back fill TP1383.
1426	Begin excavating TP1384 (FF corner 4).
1500	Collect soil sample for gamma spec: TP1384-RA. No metal debris or trash uncovered in the TP. Soil sample was collected from the soil pile. The sample was soil from the botton west end of the test pit.

Completed by: Matt Darois

Attachment C
Daily Survey Journal
 Page 2 of 2

	Backfill TP1384
1510	Begin excavating TP1385 (FF corner 1).
1520	Uncover a piece of sheet metal (approx 1ft X 3 ft). No detectable rad material on the metal.
1530	Collect soil sample from soil pile from Tp1385. Sample ID: TP1385-RA.
1540	Backfill TP1385-RA.
1550	Secure work area and submit soil samples to the count room. Break for the day.

Completed by; Matt Darois

**CONNECTICUT YANKEE NUCLEAR POWER COMPANY
SURVEY RECORD FORM**

Surveyor's Name (Printed): D. Johnson L. DeGastin Surveyor's Signature: [Signature] Location: PENINSULA Date: 5-8-06 Time: 1630
 Area #: 9530 Log #: _____

INSTRUMENTS USED		
MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRII / 5053	9-15-06	BP19B1 / 262
EG00 / 1107	8-28-06	3RA3 / 1001-5/24/06
N/A		

REASON FOR SURVEY

ROUTINE RWP OTHER RAD ASSESSMENT

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm ²					
BY MDA=			Q. MDA=		
SMEAR	RESULTS		SMEAR	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8	N/A		23	N/A	
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO

Portable Count Rate: _____ Instrument Background: _____ cpm

Legend:

Dose rates are gamma and are in mrem/hr unless otherwise noted
 All smears in dpm/100cm² unless otherwise noted.
 All LAS's in cpm/LAS unless otherwise noted.

	• Large Area Smear Location	RCA	• Radiologically Controlled Area
	• Smear Location	RM	• Radioactive Materials
	• Air Sample Location	RA	• Radiation Area
	• Contact Dose Rate	HRA	• High Radiation Area
	• General Area (G/A) Dose Rate	CA	• Contaminated Area
	• Boundary	ARA	• Airborne Radioactivity Area
	• Step Off Pad	RPR	• Respiratory Protection Required
	• Contact / 30cm (GA) Dose rates	SRPTE	• Survey Required Prior to Entry
	NHPD - No Hot Particles Detected	CPM	• Counts per Minute
	CHPPE - Contact HP Prior To Entry	NDA	• No Detectable Activity
		LAS	• Large Area Smear

5 TEST PITS WERE EXCAVATED LOOKING FOR BURIED RAD MATERIAL. SOIL SAMPLES WERE TAKEN AT EACH PIT - SAMPLES LABELED;

- TP 1380 RA
- TP 1381 RA
- TP 1382 RA
- TP 1383 RA
- TP 1384 RA
- TP 1385 RA

THE SOIL PILES CREATED FROM THE EXCAVATIONS WERE SURVEYED USING A EG00 METER. NO ELEVATED READINGS ABOVE THE ACTION LEVEL WERE DETECTED THE AVERAGE BACKGROUND WAS 7.89 KCPM

METAL DEBRIS CONSISTING OF WELDING RODS - GRATINGS - ANGLE IRON - CORRUGATED METAL WITH GALBESTOS - A FLANGE SPACER WERE SURVEYED BY DIRECT RISK AND LAS - NO ACTIVITY > BACKGROUND WAS DETECTED ELECTRA BACKGROUND = 394CPM

COPY

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: [Signature] DATE: 5-9-06

Attachment C
Daily Survey Journal
Page 1 of 1

Survey Area #:	Survey Area Name: Peninsula test pit Rad Assessment
Survey Unit #:-	WP&IR #: N/A
Specific instructions for using the Daily Survey Journal.	
1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.	
2 All documentation will be complete and legible.	
TIME	NOTES FOR SAMPLING DATE
5/15/06	
0940	Bob briefing: Don Johnson (HP) working with Miles V. (mactec) on test pits.
1105	Investigate TP1386 100ft West of MW-117: Found a small section of fence post. Collect soil sample from test pit soil pile: TP1386-RA
1140	Break for lunch
1345	Investigate TP1387. No metal found. Collect sample: TP1387-RA
1445	Investigate TP1388. No metal/material(s) found. Collect soil sample: TP1388-RA
1548	Investigate TP1389. Found a metal drum lid and miscellaneous small pieces of debris. Collect sample TP1389-RA

Completed by; Matt Darois

**Daily Log 2006 Peninsula Investigation
CYAPCO Haddam Neck Plant
Haddam, Connecticut**

Monday, May 15, 2006

Job Supervisor – Tim Murray

Field Supervisor – Miles van Noordennen

- Four additional test pits were completed (TP-1386 through TP-1389). No drums were encountered in these locations.

Photographs of each test pit, as well as plans of the EM survey results are located at X:\mactec\geophys survey\.

- Plan for Tomorrow

Continue investigation and test-pitting on the peninsula.



SURVEY CORD FORM

Surveyor Name: (Printed) **D. JOHNSON** Surveyor Name: (Signature) *[Signature]* Location: **PENNSYLVANIA**

Date: **5-15-06** Time: **1630** Log #: _____
 Area #: **9530** Map #: **N/A** Rev #: **N/A**

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA/5052	4-13-06	BP1980/2-603
EG00/11007	8-28-06	SPA3/1001 5/20/06
N/A		

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER **RAD ASSESSMENT**

Air Sample Control #: **N/A** Total DAC Fraction: **N/A**

CONTAMINATION RESULTS (SMEARS) dpm/100cm²

SMEAR #	BY MDA = N/A		SMEAR #	CL MDA = N/A	
	Beta-Gamma RESULTS	Alpha		Beta-Gamma RESULTS	Alpha
1			11		
2			12		
3			13		
4			14		
5			15		
6			16		
7			17		
8			18		
9			19		
10			20		

Smear Continuation Sheet Used: YES NO

Legend:

Dose rates are gamma and are in mrem/hr unless otherwise noted.
 All smears in dpm/100cm² unless otherwise noted.
 All LAS's in ccpm/LAS unless otherwise noted.

- Large Area Smear Location
- Air Sample Location
- Smear Location
- Contact Dose Rate
- General Area (GA) Dose Rate
- Indicates Boundary
- Step Off Pad
- Respiratory Protection Required
- Large Area Smear
- No Hot Particle Detected
- Contact HP Prior To Entry
- Contact / 30cm (GA) Dose rates
- Lead (Pb) Shielding
- Airborne Radioactivity Area
- Contaminated Area
- High Radiation Area
- Locked High Radiation Area
- Radioactive Material(s)
- High Contamination Area
- Hot Particle Area
- Radiologically Controlled Area
- Survey Required Prior To Entry
- Counts per Minute
- No Detectable Activity
- No Detectable Beta
- Tech Spec Locked High Radiation Area

RM-14 / E-140 Background: _____

4 TEST PITS WERE EXCAVATED LOOKING FOR BURIED RAD MATERIAL. SOIL SAMPLES WERE TAKEN AT EACH PIT - THE SAMPLES LABELED

- TP 1386 RA
- TP 1384 RA
- TP 1388 RA
- TP 1389 RA

YDOJ

THE SOIL PILES CREATED FROM THE EXCAVATIONS WERE SURVEYED USING A EG00 METER. NO ELEVATED READINGS ABOVE THE ACTION LEVEL WERE DETECTED. THE AVERAGE BACKGROUND WAS 7.25 KCPM

A FEW PIECES OF METAL DEBRIS AND A BARREL LID WERE SURVEYED BY DIRECT FRISK AND LAS. NO ACTIVITY > BACKGROUND WAS DETECTED. ELECTRO BACKGROUND 324 CPM.

Postings: One Two Three Four Five Six Seven Eight Nine Ten

RCA RM CA RA TSLHRA Airborne Radioactivity Area Contact HP Prior to Entering Respirator Protection Required

Outside The RCA HCA HRA Spec 2

HP MANAGER OR DESIGNEE REVIEW: *[Signature]* DATE: **5-16-06**

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #:	Survey Area Name: Peninsula test pit Rad Assessment
Survey Unit #:-	WP&IR #: N/A
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME 5/16/06	NOTES FOR SAMPLING DATE
0730	Job briefing: Don Johnson (HP) working with Miles V. (mactec) on test pits.
1025	Investigate TP1390. Collect soil sample from test pit soil pile: TP1390-RA
1035	Investigate TP1391. Collect soil sample from test pit soil pile: TP1391-RA
1115	Investigate TP1392. Collect soil sample from test pit soil pile: TP1392-RA
1135	Investigate TP1393. Collect soil sample from test pit soil pile: TP1393-RA
1140	Break for lunch
1394	Investigate TP1394. Collect soil sample from test pit soil pile: TP1394-RA.
1355	Investigate TP1395. Collect soil sample from test pit soil pile: TP1395-RA.

Completed by; Matt Darois

**CONNECTICUT YANKEE NUCLEAR POWER COMPANY
SURVEY RECORD FORM**

Surveyor's Name: (Printed)

D. JOHNSON

Surveyor's Signature:

Location:

PENNSULA

Date: 5-16-06

Time: 1600

Area #: 9530

Log #:

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA 5053	9-15-06	001900/267
EG00/1107	8-28-06	SPA3/1001 52406

REASON FOR SURVEY

- ROUTINE
 RWP
 OTHER

RAD ASSESSMENT

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

BY MDA= N/A		Q.MDA= N/A			
SMEAR	RESULTS		SMEAR	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8	N/A		23	N/A	
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: 1/2 cpm

Legend:

Dose rates are gamma and are in mrem/yr unless otherwise noted.
All smears in dpm/100cm² unless other wise noted.
All LAS's in cpm/LAS unless other wise noted.

- Large Area Smear Location
- Smear Location
- Air Sample Location
- Contact Dose Rate
- General Area (GA) Dose Rate
- Boundary
- Step Off Pad
- Contact / 30cm (GA) Dose rates
- No Hot Particles Detected
- Contact HP Prior To Entry
- Radiologically Controlled Area
- Radioactive Material(s)
- Radiation Area
- High Radiation Area
- Contaminated Area
- Airborne Radioactivity Area
- Respiratory Protection Required
- Survey Required Prior to Entry
- Counts per Minute
- No Detectable Activity
- Large Area Smear

COPY

6 TEST PITS WERE EXCAVATED LOOKING FOR BURIED RAD MATERIAL. SOIL SAMPLES WERE TAKEN AT

EACH TEST PIT - SAMPLES LABELED; TP 1390 RA
TP 1391 RA
TP 1392 RA
TP 1393 RA
TP 1394 RA
TP 1395 RA

SOIL PILES CREATED FROM THE EXCAVATION WERE SURVEYED USING A EG00 METER. NO ELEVATED READINGS ABOVE THE ACTION LEVEL WERE DETECTED. THE AVERAGE BACKGROUND WAS 1.62 K CPM

METAL DEBRIS FOUND IN THE PITS CONSISTING OF GRATINGS, ANGLE IRON, AND CRUSHED DRUMS WERE SURVEYED BY DIRECT FRISK AND LAS - NO ACTIVITY > BACKGROUND WERE DETECTED ELECTRA BACKGROUND = 364 CPM

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: DATE:


5-17-06

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #:- 0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 05/17/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of Don Johnson. Survey supervisor Joel Goergen. SSWP work activities include sampling and survey of material excavated from excavated test pits on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are E600 1107 Cal Due 08/28/2006 with SPA 3 1001 Cal Due 05/20/2006, Electra 5052 cal due 4/13/07 with probe BP19BD 263.
0835	Excavated test pit 1396, soil sample taken, no licensed activity detected during scan of material.
1030	Excavated test pit 1397, soil sample taken, no licensed activity detected during scan of material.
1030	Test pit 1397 not backfilled due to potential asbestos contamination.
1045	Excavated test pit 1398, soil sample taken, no licensed activity detected during scan of material.
1135	Excavated test pit 1399, soil sample taken, no licensed activity detected during scan of material.
1310	Excavated test pit 13100, soil sample taken, no licensed activity detected during scan of material.
1400	Excavated test pit 13101, soil sample taken, no licensed activity detected during scan of material.
1440	Excavated test pit 84, soil sample taken, no licensed activity detected during scan of material.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;

 Joel Goergen 5/17/06

CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY REPORT FORM

Surveyor's Name: (Printed) **D. JOHNSON** Surveyor's Signature: *D. Johnson* Location: **PENINSULA** Date: **5-17-06** Time: **1625**
Area #: **9530** Log #: _____

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA 5052	4-15-07	BP 11 BD 263
EGG/1107	2-28-06	SPT 3/1001 5-24-06

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER **RAD ASSESSMENT**

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

BY MDA = N/A		CL MDA = N/A			
RESULTS		RESULTS			
SMEAR	Beta-Gamma	Alpha	SMEAR	Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8	N/A		23	N/A	
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:

Dose rates are gamma and are in mrem/yr unless otherwise noted.
All smears in dpm/100cm² unless otherwise noted.
All LAS's in cpm/LAS unless otherwise noted.

	- Large Area Smear Location	RCA - Radiologically Controlled Area
	- Smear Location	RM - Radioactive Material(s)
	- Air Sample Location	RA - Radiation Area
	- Contact Dose Rate	HRA - High Radiation Area
	- General Area (G/A) Dose Rate	CA - Contaminated Area
	- Boundary	ARA - Airborne Radioactivity Area
	- Step Off Pad	RPR - Respiratory Protection Required
	- Contact / 30cm(GA) Dose rates	SRPTE - Survey Required Prior to Entry
	- No Hot Particles Detected	CPM - Counts per Minute
	- Contact HP Prior To Entry	NDA - No Detectable Activity
		LAS - Large Area Smear

7 TEST PITS WERE EXCAVATED LOOKING FOR BURIED RAD MATERIAL. SOIL SAMPLES WERE TAKEN AT EACH PIT.

SAMPLES LABELED TP 1396 RA
TP 1397 RA
TP 1398 RA
TP 1399 RA
TP 13100 RA
TP 13101 RA
TP 84-2-RA

SOIL PILES WERE SCANNED USING A EGGO METER. NO ELEVATED READINGS ABOVE THE ACTION LEVEL WERE DETECTED. THE AVERAGE BACKGROUND WAS 6.96 KCPM.

METAL DEBRIS FOUND CONSISTED OF EMPTY DRUMS, ANGLE IRON, PIPES AND CRUSHED CANNISTERS. ALSO FOUND WAS CEMENT BLOCKS. ALL ITEMS WERE SURVEYED BY DIRECT FRISK AND LAS. NO ACTIVITY > BACKGROUND WERE DETECTED - ELECTRA BACKGROUND. 334CPM

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: _____ DATE: **5-17-06**

**Daily Log 2006 Peninsula Investigation
CYAPCO Haddam Neck Plant
Haddam, Connecticut**

Wednesday, May 17, 2006

Job Supervisor – Tim Murray

Field Supervisor – Miles van Noordennen

- Four additional test pits were completed (TP-1396, TP-1398, TP-13100, TP-13101). Two non-intact 55-gallon drums were uncovered at TP-1396. One of the drums had cement inside, which was broken up and surveyed with no detectable activity. Potential ACM was discovered at TP-1397 along with scrap metal, a refrigerator, steel buckets, a 20-25 foot long pipe, and a fire hose. Digging was halted until it is known whether or not asbestos is present. Underground conduit was discovered at TP-1399 which may be left in the ground – discussions will take place tomorrow and the conduit will either be left in the ground or removed. Once decided, the area will be backfilled and the test-pit completed.

Photographs of each test pit, as well as plans of the EM survey results are located at X:\mactec\geophys survey\.

- Plan for Tomorrow

Test-pitting is completed until further locations are selected and until further ACM remediations take place.

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9520	Survey Area Name: Peninsula
Survey Unit #- 0003	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 05/22/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of Don Johnson and J. Degostin. Survey supervisor Joel Goergen. SSWP work activities include sampling and survey of material excavated from excavated test pits on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are E600 1114 Cal Due 04/13/2007 with SPA 3 1012 Cal Due 05/11/2007, Electra 5052 cal due 4/13/07 with probe BP19BD 263.
0800	RCRA marking locations of test pits using the GPS unit.
1345	Excavated test pit 13102, concrete shield drum found in test pit. No activity found during survey, but could not survey very far inside drum. Drum disposed of into BSFR intermodal.
1359	Soil sample taken of soil inside the above drum. Sample# TP 13102 RA No licensed activity detected in sample.
1410	Elevated activity detected during scan of soil from excavated test pit. Sample taken. Sample# TP 13102A RA. Activity detected greater than the DCGLs in sample.
1550	Elevated activity detected during scan inside pit. Additional soil sample taken. Sample# TP 13102B RA.
1500	Covered area with tarp in order to contain contamination.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;



Joel Goergen
5/22/06

**CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY REPORT FORM**

Surveyor's Name: (Printed)
D. JOHNSON / J. DeBostan

Surveyor's Signature:
D. Johnson / J. DeBostan

Location:
PENINSULA AREA 9520

Date: 5-22-06
Area #: 9520

Time: 1630
Log #:

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRON 5052	4-13-07	BP 17 (D) 263
EGOO - 1114	5-16-07	SPR3 1012-3 11-07
	4-11-07	

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER (RAD ASSESSMENT)

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

BY MDA	RESULTS	Q MDA	RESULTS
SMEAR	RESULTS	SMEAR	RESULTS
1		16	
2		17	
3		18	
4		19	
5		20	
6		21	
7		22	
8		23	
9		24	
10		25	
11		26	
12		27	
13		28	
14		29	
15		30	

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: 1.1 cpm

Legend:
 Dose rates are gamma and are in microm/hr unless otherwise noted.
 All smears in dpm/100cm² unless otherwise noted.
 All LAS's in ccpm/LAS unless otherwise noted.

- ⊙ - Large Area Smear Location
- ⊕ - Smear Location
- ⊗ - Air Sample Location
- *# - Contact Dose Rate
- # - General Area (GA) Dose Rate
- XXXX - Boundary
- SOB - Step Off Pad
- 1/4 - Contact / 30cm(GA) Dose rates
- NHPD - No Hot Particles Detected
- CHPTE - Contact HP Prior To Entry
- RCA - Radiologically Controlled Area
- RM - Radioactive Material(s)
- RA - Radiation Area
- HRA - High Radiation Area
- CA - Contaminated Area
- ARA - Airborne Radioactivity Area
- RPR - Respiratory Protection Required
- SRPTE - Survey Required Prior to Entry
- CPM - Counts per Minute
- NDA - No Detectable Activity
- LAS - Large Area Smear

PIT
 ONE TEST WAS EXCAVATED LOOKING FOR BURIED
 RAD MATERIAL. METAL DEBRIS FOUND CONSISTED
 OF A METAL DRUM FILLED WITH CEMENT HAVING
 A STOVE PIPE HOLE IN THE CENTER AND A
 PILE OF WELDING RODS. THE SOIL FROM THE
 EXCAVATION WAS SCANNED USING A EGGO METER
 THE BACKGROUND WAS 7.40 KCPM - AN AREA
 NEXT TO THE WELDING RODS HAD AN ELEVATED
 READING OF 20.1 KCPM. THREE SOIL SAMPLES
 WERE TAKEN TP 13102 RA FROM 1/5 THE BARREL
 TP 13102 "A" NEAR THE WELDING RODS
 TP 13102 "B" 1/5 THE EXCAVATION PIT
 LAS OF METAL DEBRIS - NDA/LAS ELECTRA BKG: 310cpm

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: *[Signature]* DATE: 5-22-06

**Daily Log 2006 Peninsula Investigation
CYAPCO Haddam Neck Plant
Haddam, Connecticut**

Monday, May 22, 2006

Job Supervisor – Tim Murray

Field Supervisor – Wolfgang Calicchio

One test pit was investigated, TP-13102. One intact 55-gallon drum was uncovered at TP-13102. The drum had cement inside (stove pipe drum). Detectable activity was not identified on the outside of the drum. An attempt was made to break up the drum to conduct an internal survey. The attempt was unsuccessful. Survey of the interior of the “stove pipe” portion yielded elevated activity above background. Potential ACM was discovered at TP-13102 along with welding rods. Further excavation was halted until further evaluations of the soil activity could be conducted to determine proper disposal of the potential RACM. The excavation was covered with plastic and the area danger-taped off. Once decided, the area will be backfilled and the test-pit completed.

Photographs of the test pit, as well as plans of the EM survey results are located at X:\mactec\geophys survey\.

Progress thus far:

1 of 15 proposed test pits completed.

- Plan for Tomorrow

Continue test pitting of the remaining 14 EM anomalies.

Wednesday, May 17, 2006

Job Supervisor – Tim Murray

Field Supervisor – Miles van Noordennen

- Four additional test pits were completed (TP-1396, TP-1398, TP-13100, TP-13101). Two non-intact 55-gallon drums were uncovered at TP-1396. One of the drums had cement inside, which was broken up and surveyed with no detectable activity. Potential ACM was discovered at TP-1397 along with scrap metal, a refrigerator, steel buckets, a 20-25 foot long pipe, and a fire hose. Digging was halted until it is known whether or not asbestos is present. Underground conduit was discovered at TP-1399 which may be left in the ground – discussions will take place tomorrow and the conduit will either be left in the ground or removed. Once decided, the area will be backfilled and the test-pit completed.

Attachment C
Daily Survey Journal


Page 1 of 2

Survey Area #: 9520	Survey Area Name: Peninsula
Survey Unit #:- 0003	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 05/23/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of Don Johnson and J. Degostin. Survey supervisor Joel Goergen. SSWP work activities include sampling and survey of material excavated from excavated test pits on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are E600 1114 Cal Due 04/13/2007 with SPA 3 1012 Cal Due 05/11/2007, Electra 5052 cal due 4/13/07 with probe BP19BD 263.
0800	Moved concrete shield drum excavated in test pit 13102 from intermodal to B-25 box and transported into the RCA for investigation.
1020	Excavated test pit 13103, soil sample taken (sample #13103 RA), no licensed activity detected during scan of material. Test pit not backfilled due to asbestos material.
1050	Excavated test pit 13104, several crushed drums found in pit. Soil sample taken of soil around one drum (Sample #13104 RA). No licensed material detected on drums.
1120	Scan of excavated soil from test pit 13104 indicated an area with elevated activity above action level. Soil sample taken. Sample #13104A RA. Test pit not backfilled awaiting sample results.
1345	Excavated test pit 13105, soil sample taken (sample #13105 RA), no licensed activity detected during scan of material. Test pit 13105 backfilled.
1345	Test pit 13104 backfilled. No licensed activity identified in soil sample results in area where scan indicated elevated activity. All samples in test pit 13104 adequate for backfill.
1435	Excavated test pit 13106, soil sample taken (sample #13106 RA), no licensed activity detected during scan of material. Test pit not backfilled due to asbestos material.
1540	Excavated test pit 13107, metal material and a partial drums found in excavation. No elevated activity detected during scan of material and soil. Soil sample taken (sample #13107 RA). Test pit not backfilled, more material needs to be excavated.

Attachment C
Daily Survey Journal

Page 2 of 2

1630	All tools equipment and materials have been returned to appropriate storage locations.
------	--

Completed by:  JUNE GORAN 5/23/06

**CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY REPORT FORM**

Surveyor's Name: (Printed)

D. JOHNSON / J. DE

Surveyor's Signature:

D. Johnson

Location:

PENINSULA

Date: 5-23-06

Time: 1615

Area #: 9520

Log #:

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA 5052	4-13-07	ISP19 BD 263
EG600 1114 5-23-06	5-18-07	SDA-3 1012
	4-12-07	

COPY

REASON FOR SURVEY

- ROUTINE
 RWP
 OTHER

RAD ASSESSMENT

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

SMEAR	BY MDA= N/A RESULTS		SMEAR	BY MDA= N/A RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8	N/A		23	N/A	N/A
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:

- Dose rates are gamma and are in mrem/hr unless otherwise noted.
All smears in dpm/100cm² unless otherwise noted.
All LAS's in ccpm/LAS unless otherwise noted.
- ⊙ - Large Area Smear Location
 - ⊕ - Smear Location
 - ⊕ - Air Sample Location
 - # - Contact Dose Rate
 - # - General Area (G/A) Dose Rate
 - XXXX - Boundary
 - ☐ - Step Off Pad
 - ☐ - Contact / 30cm(GA) Dose rates
 - NHPD - No Hot Particles Detected
 - CHPTE - Contact HP Prior To Entry
 - RCA - Radiologically Controlled Area
 - RM - Radioactive Material(s)
 - RA - Radiation Area
 - HRA - High Radiation Area
 - CA - Contaminated Area
 - ARA - Airborne Radioactivity Area
 - RPR - Respiratory Protection Required
 - SRPTE - Survey Required Prior To Entry
 - CPM - Counts per Minute
 - NDA - No Detectable Activity
 - LAS - Large Area Smear

5 TEST PITS WERE EXCAVATED LOOKING FOR BURIED RAD MATERIAL. SOIL SAMPLES WERE TAKEN AT EACH

PIT SAMPLES ^{DS 5-23-06} LABELED TP 13103 RN
LABELLED TP 13104 RA
TP 13104 "A" RA
TP 13105 RA
TP 13106 RA
TP 13107 RA

SOIL PILES WERE SCANNED USING A EG600 METER. SOIL SAMPLE TP 13104 RA WAS TAKEN IN AN AREA THAT EXCEEDED THE ACTION LEVEL OF 8.4 KCPM. ^{OTHER} NO ELEVATED READINGS WERE FOUND.

METAL DEBRIS FOUND CONSISTED OF 35 GAL. DRUMS, ANGLE IRON, GRATINGS, PIPES, WIRE, AND SHEET METAL. ALL ITEMS WERE SURVEYED BY DIRECT FRISK AND LAS. NO ACTIVITY > BKG WERE DETECTED - ELECTRA BKG = 310 cpm

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: _____ DATE: _____

[Signature] 5-27-06

**Daily Log 2006 Peninsula Investigation
CYAPCO Haddam Neck Plant
Haddam, Connecticut**

Tuesday, May 23, 2006

Job Supervisor – Tim Murray

Field Supervisor – Wolfgang Calicchio

Five test pits were investigated; TP-13103, TP13104, TP13104, TP13105, TP13106, and TP13107.

- TP13103: various metal debris, conduit, strapping, plate, wire and rebar, and transite and other ACM (MEG) unearthed. TP13103 excavation halted at 4' bgs due to ACM; excavation remains open; taped off exclusion zone in place.
- TP13104: five, crushed 55 gallon drums; six lengths of steel cable; various pieces of metal strapping unearthed; no visible signs of asbestos. Excavation to 10' bgs. TP13104 backfilled.
- TP13105: one partial, crushed 55 gallon drum; two pieces of galbestos siding (removed); four lengths of heavy electrical cable buried in place chased 10' to the west and partially removed; rebar and welding rods unearthed. Excavation to 10' bgs. TP13105 backfilled.
- TP13106: Drum cover; piece of transite, friable ACM, various metal scrap unearthed. Excavation halted at five feet bgs due to ACM. Excavation remains open; taped off exclusion zone in place.
- TP13107: one concrete filled 55 gallon drum; one crushed 55 gallon drum; asbestos wrap and 1"x1" piece of friable ACM; various metal sheets, rebar, cable, chain link fence section, strapping unearthed. Excavation approx 10'Wx 20'L x 10'D. Excavation halted due to visible presence of metal at approx 5' bgs in all four walls. Excavation remains open; taped off exclusion zone in place.

Photographs of the test pits are located at X:\mactec\geophys survey\.

Progress thus far:

6 of 15 proposed test pits completed.


- Plan for Tomorrow

Continue test pitting of the remaining 9 EM anomalies.

Attachment C
Daily Survey Journal
Page 1 of 1

Survey Area #: 9520	Survey Area Name: Peninsula
Survey Unit #:- 0003	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 05/24/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of Don Johnson and J. Degostin. Survey supervisor Joel Goergen. SSWP work activities include sampling and survey of material excavated from excavated test pits on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are E600 1114 Cal Due 04/13/2007 with SPA 3 1012 Cal Due 05/11/2007, Electra 5052 cal due 4/13/07 with probe BP19BD 263, Electra 5053 Cal due 8/15/06with probe BP19BD 262..
1015	Excavated test pit 13108, soil sample taken (sample #13108 RA), no licensed activity detected during scan of material.
1050	Excavated test pit 13109, soil sample taken (sample #13109 RA), no licensed activity detected during scan of material.
1130	Excavated test pit 13110, soil sample taken (sample #13110 RA), no licensed activity detected during scan of material.
1315	Excavated test pit 13111, soil sample taken (sample #13111 RA), no licensed activity detected during scan of material.
1340	Excavated test pit 13112, soil sample taken (sample #13112 RA), no licensed activity detected during scan of material.
1410	Excavated test pit 13113, soil sample taken (sample #13113 RA), no licensed activity detected during scan of material.
1455	Excavated test pit 13114, soil sample taken (sample #13114 RA), no licensed activity detected during scan of material.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;


 Joel Goergen 5/27/06

**Daily Log 2006 Peninsula Investigation
CYAPCO Haddam Neck Plant
Haddam, Connecticut**

Wednesday, May 24, 2006

Job Supervisor – Tim Murray

Field Supervisor – Wolfgang Calicchio

Seven test pits were investigated; TP-13108, TP13109, TP13110, TP13111, TP13112, TP13113 and TP13114.

- TP13108: two small pieces of galbestos siding, drum lid, rebar, strapping, several pieces of 8" pipe cut offs, piece of diamond plate, and wire. Excavation to 10' bgs. TP13108 backfilled.
- TP13109: non-intact, 1/3rd section of 55 gallon drum, and electrical cable. Excavation to 8' bgs. TP13109 backfilled.
- TP13110: half piece of manhole cover unearthed. Excavation to 7' bgs due to side wall sloughing. TP13110 backfilled.
- TP13111: Long lengths of rebar present and visible from surface to 0.5' bgs, running along top edge of bank along the Connecticut River. Area excavated to 2' bgs. TP13111 backfilled.
- TP13112: piece of metal sign post unearthed. Area excavated to 3' bgs, Groundwater seeping into bottom of excavation. TP13112 backfilled.
- TP13113: 22" diameter circle of 0.5" sheet steel and 4"x4"x4" metal block unearthed. Excavation to 10' bgs. TP13113 backfilled.
- TP13114: non-intact 55 gallon drum, length of flat iron, electrical and phone lines in conduit running through excavation at 4'bgs. Excavation to 10' bgs. TP13114 backfilled.

Photographs of the test pits are located at X:\mactec\geophys survey\.

Progress thus far:

13 of 15 proposed test pits completed.

- Plan for Tomorrow

Continue test pitting of the remaining 2 EM anomalies.

CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY REPORT JRD FORM

Surveyor's Name: (Printed)

Surveyor's Signature:

Location:

Date: 5-24-06

Time: 1600

D. JOHNSON

[Signature]

PENINSULA

Area #: 9520

Log #:

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA 5057	6-15-07	BP14 B/D / 262
EGCO 1114	4-12-07	SPA 3 10125112

REASON FOR SURVEY

- ROUTINE
 RWP
 OTHER

RAD ASSESSMENT

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

BY MDA = <i>N/A</i>		GM MDA = <i>N/A</i>	
RESULTS		RESULTS	
SMEAR	Beta-Gamma Alpha	SMEAR	Beta-Gamma Alpha
1		16	
2		17	
3		18	
4		19	
6		20	
7		21	
8	N/A	22	
9		23	N/A
10		24	
11		25	
12		26	
13		27	
14		28	
15		29	
		30	

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: *N/A* cpm

Legend:

- Dose rates are gamma and are in mrem/wh unless otherwise noted
All smears in dpm/100cm² unless otherwise noted
All LAS's in cpm/LAS unless otherwise noted.
- Large Area Smear Location
 - Smear Location
 - Air Sample Location
 - Contact Dose Rate
 - General Area (G/A) Dose Rate
 - Boundary
 - Step On Pad
 - Contact / 30cm(GA) Dose rates
 - No Hot Particles Detected
 - Contact HP Prior To Entry
 - Radiologically Controlled Area
 - Radioactive Material(s)
 - Radiation Area
 - High Radiation Area
 - Contaminated Area
 - Airborne Radioactivity Area
 - Respiratory Protection Required
 - Survey Required Prior to Entry
 - Counts per Minute
 - No Detectable Activity
 - Large Area Smear

7 TEST PITS WERE EXCAVATED LOOKING FOR BURIED RAD MATERIAL. SOIL SAMPLES WERE TAKEN AT EACH PIT: SAMPLES ^{LABELLED 5-24-06} TP 13108 RA - TP 13114 RA SOIL PILES WERE SCANNED USING A EGCO METER. NO ELEVATED READINGS ABOVE THE ACTION LEVEL WERE DETECTED. THE AVERAGE BACKGROUND WAS 8.24 KCPM.

METAL DEBRIS FOUND, CONSISTING OF EMPTY DRUMS ANGLE IRON, PIPES, - WAS SURVEYED BY DIRECT FRISK AND LAS. NO ACTIVITY > BACKGROUND WAS DETECTED. ELECTRA BACKGROUND 365 CPM

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: DATE:

[Signature] 5-22-06

Attachment C
Daily Survey Journal

Page 1 of 2

Survey Area #: 9520, 9530	Survey Area Name: Peninsula
Survey Unit #:- 0003, 0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 05/25/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of Don Johnson and J. Degostin. Survey supervisor Joel Goergen. SSWP work activities include sampling and survey of material excavated from excavated test pits on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are E600 1114 Cal Due 04/13/2007 with SPA 3 1012 Cal Due 05/11/2007, Electra 5052 cal due 4/13/07 with probe BP19BD 263.
	Test pits 13115, 13116, and 13117 located in 9530-0004.
0800	Excavated test pit 13115, soil sample taken (sample #13115 RA), no licensed activity detected during scan of material.
0835	Excavated test pit 13116, soil sample taken (sample #13116 RA), no licensed activity detected during scan of material.
0935	Excavated test pit 13117, soil sample taken (sample #13117 RA), no licensed activity detected during scan of material
	Test pits 13118, 13119, 13120, and 13121 located in 9520-0003.
1020	Excavated test pit 13118, soil sample taken (sample #13118 RA), no licensed activity detected during scan of material. Excavation not backfilled due to potential asbestos.
1100	Excavated test pit 13119, soil sample taken (sample #13119 RA), no licensed activity detected during scan of material.
1310	Excavated test pit 13120, soil sample taken (sample #13120 RA), no licensed activity detected during scan of material..
1400	Excavated test pit 13121, soil sample taken (sample #13121 RA), no licensed activity detected during scan of material.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Attachment C
Daily Survey Journal

Page 2 of 2

Completed by;



Paul Gordon

5/25/06

CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY RECORD FORM

Surveyor's Name: (Printed) D. JOHNSON / J. DeGroot Surveyor's Signature: [Signature] Location: PENINSULA Date: 5-25-06 Time: 1545
Area # 4520 / 4530 Log #:

COPY

7 TEST PITS WERE EXCAVATED LOOKING FOR METAL DEBRIS. SOIL SAMPLES WERE TAKEN AT EACH PIT. THE SAMPLES WERE LABELED TP 13115^{RA} — TP 13121^{RA}. A SCANNING SURVEY WAS PERFORMED ON EACH SOIL PILE. RESULTS; NO ELEVATED READINGS ABOVE THE ACTION LEVEL. THE AVERAGE BACKGROUND READING OF THE EG00 = 9.32 KCPM. ALL METAL DEBRIS FOUND WAS SURVEYED BY DIRECT FRISK AND LAS. NO ACTIVITY > BACKGROUND WAS DETECTED.

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA 5052	4-13-07	BP (R.D) 263
EG00 1114	4-12-07	SPR3 (012) -571-07

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER RAD ASSESSMENT

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

BY MDA= <u>N/A</u>			Q MDA= <u>N/A</u>		
SMEAR	RESULTS		SMEAR	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8	<u>N/A</u>		23	<u>N/A</u>	
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:
Dose rates are gamma and are in mrem/hr unless otherwise noted.
All smears in dpm/100cm² unless otherwise noted.
All LAS's in ccpm/LAS unless otherwise noted.

- Large Area Smear Location
- Smear Location
- Air Sample Location
- Contact Dose Rate
- General Area (G/A) Dose Rate
- Boundary
- Step Off Pad
- Contact / 30cm(GA) Dose rates
- No Hot Particles Detected
- Contact HP Prior To Entry
- Radiologically Controlled Area
- Radioactive Material(s)
- Radiation Area
- High Radiation Area
- Contaminated Area
- Airborne Radioactivity Area
- Respiratory Protection Required
- Survey Required Prior To Entry
- Counts per Minute
- No Detectable Activity
- Large Area Smear

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: [Signature] DATE: 5-30-06

Attachment C
Daily Survey Journal

Page 1 of 1


Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #:- 0004	WP&IR #: 2006-0007
<p align="center">Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 06/2/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of J. Degostin. Survey supervisor Joel Goergen. SSWP work activities include survey of material removed from excavated pits containing asbestos material on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are Electra 5052 cal due 4/13/07 with probe BP19BD 263.
0800	Survey of material removed from excavated pits containing asbestos on the peninsula. No licensed activity detected during survey.
1300	Survey of material removed from excavated pits containing asbestos on the peninsula. No licensed activity detected during survey.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;  Joel Goergen 6/2/06

Attachment C
Daily Survey Journal

Page 1 of 1

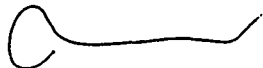
Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #:- 0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 06/5/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of J. Degostin. Survey supervisor Joel Goergen. SSWP work activities include survey of material removed from excavated pits containing asbestos material on the peninsula. In addition, scanning of sampling of excavated test pits containing asbestos will be performed.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are Electra 5050 cal due 3/21/07 with probe BP19BD 264. E600 1114 Cal Due 04/12/2007 with SPA 3 1012 Cal Due 05/11/2007.
0800	Survey of material removed from excavated pits containing asbestos on the peninsula. No licensed activity detected during survey.
1115	Test pit 1390 scanned and sampled. No licensed activity detected during scan.
1300	Survey of material removed from excavated pits containing asbestos on the peninsula. No licensed activity detected during survey.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;  Joel Goergen 6/5/06

Attachment C
Daily Survey Journal
 Page 1 of 1

Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #:- 0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 06/12/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of D. Johnson and E. Torres. Survey supervisor Joel Goergen. SSWP work activities include survey of material removed from excavated pits containing asbestos material on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are Electra 5052 cal due 4/13/07 with probe BP19BD 263 and Electra 5053 cal due 6/15/06 with probe BP19BD 262.
0800	Survey of material removed from excavated pits containing asbestos on the peninsula. No licensed activity detected during survey.
1300	Survey of material removed from excavated pits containing asbestos on the peninsula. No licensed activity detected during survey.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by:


 JOEL GOERGEN 6/12/06

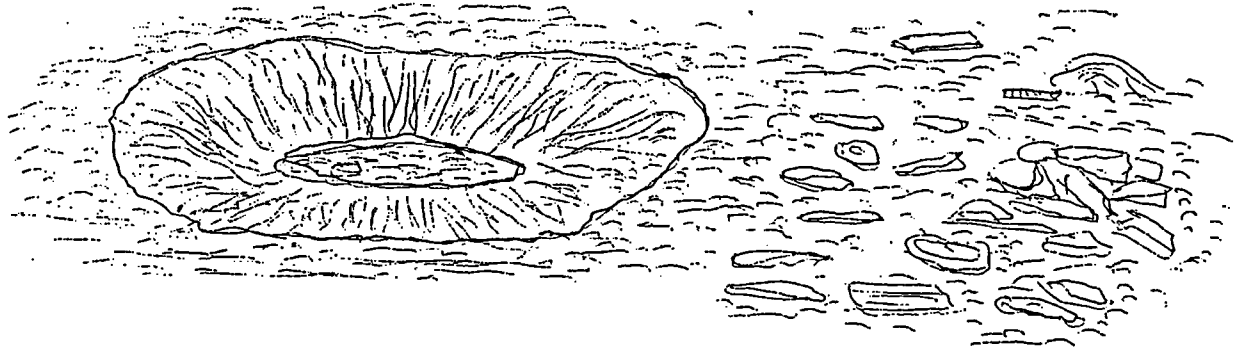
CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY REPORT FORM

Surveyor's Name: (Printed)
D. JOHNSON / E. Torres

Surveyor's Signature:
[Signature]

Location:
South Peninsula

Date: 6-12-2006 Time: 16:00
Area #: 9530 Log #:



LAS and direct frisk survey performed on miscellaneous metal consisting of pipes, crushed drums, lids, rebar, single iron removed from the trench.

Survey results indicate No activity was detected above background by direct frisk and evaluation of LAS survey. Bkgd = 280 cpm

COPY

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA 5052	4-13-07	081980 263
ELECTRA 5053	6-15-06	081980 262

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER Red Assessment.

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above

SMEAR RESULTS dpm/100cm²

SMEAR	RESULTS		SMEAR	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7	N/A	A	22		
8			23	N/A	
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO
Portable Count Rate Instrument Background: 280 cpm

- Legend:**
Dose rates are gamma and are in mrem/yr unless otherwise noted.
All smears in dpm/100cm² unless otherwise noted.
All LAS's in ccpm/LAS unless otherwise noted.
- ⊙ - Large Area Smear Location
 - ⊕ - Smear Location
 - ⊙ - Air Sample Location
 - *# - Contact Dose Rate
 - # - General Area (GA) Dose Rate
 - XXXX - Boundary
 - ⊠ - Step Off Pad
 - 1/4 - Contact / 30cm(GA) Dose rates
 - NHPD - No Hot Particles Detected
 - CHPTE - Contact HP Prior To Entry
 - RCA - Radiologically Controlled Area
 - RM - Radioactive Material(s)
 - RA - Radiation Area
 - HRA - High Radiation Area
 - CA - Contaminated Area
 - ARA - Airborne Radioactivity Area
 - RPR - Respiratory Protection Required
 - SRPTE - Survey Required Prior to Entry
 - CPM - Counts per Minute
 - NDA - No Detectable Activity
 - LAS - Large Area Smear

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: *[Signature]* DATE: 6-13-06

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #:- 0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1. The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2. All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 06/13/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of D. Johnson. Survey supervisor Joel Goergen. SSWP work activities include survey of material and sampling of soil removed from excavated pits containing asbestos material on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are Electra 5052 cal due 4/13/07 with probe BP19BD 263, E600 1107 Cal Due 08/28/2006 with SPA 3 1013 Cal Due 05/11/2007.
0800	Survey of material removed from excavated pit containing asbestos on the peninsula. No licensed activity detected during survey. Test pit area being excavated started as test pit 1353.
1030	Soil excavated from test pit scanned. No elevated activity detected during scan. Soil sample taken. Sample # TP 1353A. No licensed activity detected in sample.
1300	Survey of material removed from excavated pit 1353 containing asbestos on the peninsula. No licensed activity detected during survey.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;



Joel Goergen 6/13/06



SURVEY RECORD FORM

Surveyor's Name: (Printed)

D. JOHNSON

Surveyor's Signature:

Location:

SOUTH PENINSULA

Date: 6-13-06

Time: 1600

Area #: 9530

Log #:

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA 5052	4-13-07	BP263
EG600 1107	8-28-06	SPA-3 1013
N/A		

REASON FOR SURVEY

- ROUTINE
 RWP
 OTHER

RAD ASSESSMENT

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.SMEAR RESULTS dpm/100cm²

BY MDA = N/A		G.MDA = N/A			
RESULTS		RESULTS			
SMEAR	Beta-Gamma	Alpha	SMEAR	Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8	N/A		23	N/A	
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

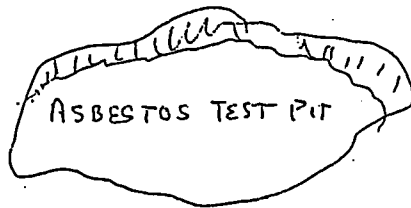
Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:

Dose rates are gamma and are in mrem/hr unless otherwise noted.
 All smears in dpm/100cm² unless otherwise noted.
 All LAS's in cpm/LAS unless otherwise noted.

- Large Area Smear Location
- Smear Location
- Air Sample Location
- Contact Dose Rate
- General Area (G/A) Dose Rate
- Boundary
- Stop Oil Pad
- Contact / 30cm(GA) Dose rates
- NHPD - No Hot Particles Detected
- CHPPTE - Contact HP Prior To Entry
- Radiologically Controlled Area
- Radioactive Material(s)
- Radiation Area
- High Radiation Area
- Contaminated Area
- Airborne Radioactivity Area
- Respiratory Protection Required
- Survey Required Prior To Entry
- Counts per Minute
- No Detectable Activity
- Large Area Smear



METAL DEBRIS

SOIL PILE



SOIL SAMPLE LABELED 1353-A
 SENT TO COUNT ROOM FOR γ SPEC

PILE SURVEYED USING A EG600 METER
 NO ELEVATED READINGS ABOVE THE
 ACTION LEVEL FOUND
 EG600 BRN = 5.9 KCPM

AN LAS AND DIRECT FRISK SURVEY WAS PERFORMED ^{ON} ~~AT~~ ⁰⁵⁴⁸ ~~THE~~

METAL DEBRIS EXTRACTED FROM THE TEST PIT -

SURVEY RESULTS: NO ACTIVITY > BKG WAS DETECTED

ELECTRA BKG. 265 CPM

COPY

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW:

DATE: 6-17-04

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #:- 0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 06/14/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of D. Johnson. Survey supervisor Joel Goergen. SSWP work activities include survey of material and sampling of soil removed from excavated pits containing asbestos material on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are Electra 5052 cal due 4/13/07 with probe BP19BD 263.
0800	Survey of material removed from excavated test pits containing asbestos on the peninsula. No licensed activity detected during survey.
1300	Survey of material removed from excavated test pits containing asbestos on the peninsula. No licensed activity detected during survey.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;



Joel Goergen 6/14/06



**CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY RECORD FORM**



Surveyor's Name: (Printed) D JOHNSON	Surveyor's Signature: <i>[Signature]</i>	Location: PENINSULA	Date: 6-14-06	Time: 1600
			Area #: 9530	Log #:

THE SOUTH PENINSULA TEST PIT WAS EXPANDED
LOOKING FOR BURIED ASBESTOS. METAL DEBRIS
FOUND DURING THE EXCAVATION WAS SURVEYED
BY DIRECT FRISK AND LBS

RESULTS: NO ACTIVITY > BKG WAS DETECTED
ELECTRA BKG 285CPM

3 LARGE CONCRETE SLABS WERE EXCAVATED
FROM THE CANAL AND PLACED ALONG THE
BANK. ITEMS WERE SURVED BY DIRECT
FRISK AND LBS

RESULTS: NO ACTIVITY > BKG WAS DETECTED
ELECTRA BKG 268CPM

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA 5052	4-13-07	13P19 BD 263

REASON FOR SURVEY

<input type="checkbox"/> ROUTINE	ROAD ASSESSMENT
<input type="checkbox"/> RWP	
<input checked="" type="checkbox"/> OTHER	

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

SMEAR	BY MDA=		RESULTS		SMEAR	RESULTS	
	Beta-Gamma	Alpha	Beta-Gamma	Alpha			
1			16				
2			17				
3			18				
4			19				
5			20				
6			21				
7			22				
8			23				
9			24				
10			25				
11			26				
12			27				
13			28				
14			29				
15			30				

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:

Dose rates are gamma and are in mrem/yr unless otherwise noted.
All smears in dpm/100cm² unless otherwise noted.
All LAS's in cpm/LAS unless otherwise noted.

- Large Area Smear Location	RCA - Radiologically Controlled Area
- Smear Location	RM - Radioactive Material(s)
- Air Sample Location	RA - Radiation Area
- Contact Dose Rate	HRA - High Radiation Area
- General Area (G/A) Dose Rate	CA - Contaminated Area
- Boundary	ARA - Airborne Radioactivity Area
- Step Off Pad	RPR - Respiratory Protection Required
- Contact / 30cm (GA) Dose rates	SRPTE - Survey Required Prior to Entry
- No Hot Particles Detected	CPM - Counts per Minute
- Contact HP Prior To Entry	NDA - No Detectable Activity
	LAS - Large Area Smear

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: *[Signature]* DATE: **6-16-06**

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #:- 0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 06/19/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of D. Johnson. Survey supervisor Joel Goergen. SSWP work activities include survey of material removed from excavated pits containing asbestos material on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities.
0800	Work activities consist of load out of soil and material from asbestos pits on the peninsula. No additional material excavated or surveyed on this day.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;




Joel Goergen 6/19/06

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #:- 0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 06/21/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of D. Johnson. Survey supervisor Joel Goergen. SSWP work activities include survey of material and sampling of soil removed from excavated pits containing asbestos material on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are Electra 5052 cal due 4/13/07 with probe BP19BD 263.
0800	Survey of material removed from excavated pit containing asbestos on the peninsula. No licensed activity detected during survey.
1300	Survey of material removed from excavated pits on the peninsula. No licensed activity detected during survey.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;

 Joel Goergen 6/21/06

CONNECTICUT NUCLEAR ATOMIC COMPANY
SURVEY RECORD FORM

Surveyor's Name: (Printed)

D. JOHNSON

Surveyor's Signature:

D. Johnson

Location:

SOUTH PENINSULA

Date: 6-21-06

Time: 1600

Area #9530

Log #:

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA 5052	4-13-07	BD 19 BP262
N/A		

REASON FOR SURVEY

ROUTINE

RWP

OTHER

FIND ASSESSMENT

Air Sample(s): NO YES Indicate AIS location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

BY MDA*			Q. MDA*		
SMEAR	RESULTS		SMEAR	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8	N/A		23	N/A	
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:

- Dose rates are gamma and are in mrem/hr unless otherwise noted.
All smears in dpm/100cm² unless otherwise noted.
All LAS's in ccpm/LAS unless otherwise noted.
- ⊙ - Large Area Smear Location
 - ⊙ - Smear Location
 - ⊙ - Air Sample Location
 - # - Contact Dose Rate
 - # - General Area (G/A) Dose Rate
 - XXXX - Boundary
 - SOP - Step Off Pad
 - # - Contact / 30cm(GA) Dose rates
 - NHPD - No Hot Particles Detected
 - CHPTE - Contact HP Prior To Entry
 - RCA - Radiologically Controlled Area
 - RM - Radioactive Material(s)
 - RA - Radiation Area
 - HRA - High Radiation Area
 - CA - Contaminated Area
 - ARA - Airborne Radioactivity Area
 - RPR - Respiratory Protection Required
 - SRPTE - Survey Required Prior To Entry
 - CPM - Counts per Minute
 - NDA - No Detectable Activity
 - LAS - Large Area Smear

TEST PIT 1390 WAS EXPANDED LOOKING FOR BURIED ASBESTOS. METAL DEBRIS FOUND IN THE EXCAVATION CONSISTED OF 6 CRUSHED DRUMS, ANGLE IRON, AND A LOT OF SHEET METAL. THESE ITEMS WERE SURVEYED BY DIRECT FRISK AND LAS.

SURVEY RESULTS: NO ACTIVITY >
BACKGROUND WAS DETECTED

COPY

ELECTRA BKG = 315 cpm

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____


HP MANAGER OR DESIGNEE REVIEW: DATE:

[Signature] 6/22/06

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #:- 0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 06/20/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of D. Johnson. Survey supervisor Joel Goergen. SSWP work activities include survey of material removed from excavated pits containing asbestos material on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are Electra 5052 cal due 4/13/07 with probe BP19BD 263.
0800	Survey of material removed from excavated test pits containing asbestos on the peninsula. No licensed activity detected during survey.
1300	Survey of material removed from excavated test pits containing asbestos on the peninsula. No licensed activity detected during survey.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;  JOEL GOERGEN 6/20/06

CONNECTICUT ATOMIC POWER COMPANY
SURVEY REC() FORM

Surveyor's Name: (Printed)

Surveyor's Signature:

Location:

Date: 6-20-06

Time: 1:00

D. JOHNSON

[Signature]

SOUTH PENNSYLVANIA

Area #: 1342-1343

Log #:

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA 9032	9-13-07	BD 203

COPY

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER RAD ASSESSMENT

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

SMEAR	BY MDA= <u>N/A</u>		QMDA= <u>N/A</u>	
	Beta-Gamma RESULTS	Alpha	Beta-Gamma RESULTS	Alpha
1			16	
2			17	
3			18	
4			19	
5			20	
6			21	
7			22	
8	<u>N/A</u>		23	<u>N/A</u>
9			24	
10			25	
11			26	
12			27	
13			28	
14			29	
15			30	

DURING THE PROCESS OF BACK FILLING
 TEST PITS 1342 & 1343 FROM THE
 DIRT PILES NEAR THE EXCAVATION.
 METAL DEBRIS WAS EXPOSED. THESE
 ITEMS WERE SURVEYED BY DIRECT FRISK
 AND LAS

RESULTS: NO DETECTABLE ACTIVITY
 > BACKGROUND

ELECTRA BACKGROUND
 275cpm

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:
 Dose rates are gamma and are in mrem/hr unless otherwise noted
 All smears in dpm/100cm² unless otherwise noted.
 All LAS's in ccpm/LAS unless otherwise noted.

- ⊙ - Large Area Smear Location
- ⊙ - Smear Location
- ⊙ - Air Sample Location
- # - Contact Dose Rate
- # - General Area (G/A) Dose Rate
- XXX - Boundary
- SOP - Step Off Pad
- # - Contact / 30cm(GA) Dose rates
- NHPD - No Hot Particles Detected
- CHPPTE - Contact HP Prior To Entry
- RCA - Radiologically Controlled Area
- RM - Radioactive Material(s)
- RA - Radiation Area
- HRA - High Radiation Area
- CA - Contaminated Area
- ARA - Airborne Radioactivity Area
- RPR - Respiratory Protection Required
- SRPTE - Survey Required Prior to Entry
- CPM - Counts per Minute
- NDA - No Detectable Activity
- LAS - Large Area Smear

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: DATE:

[Signature] 6/20/06

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #:- 0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 06/22/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of D. Johnson. Survey supervisor Joel Goergen. SSWP work activities include survey of material and sampling of soil removed from excavated pits containing asbestos material on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are Electra 5052 cal due 4/13/07 with probe BP19BD 263.
0800	Survey of material removed from excavated pit containing asbestos on the peninsula. No licensed activity detected during survey.
1300	Survey of material removed from excavated pits on the peninsula. No licensed activity detected during survey.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by:  Joel Goergen 6/22/06

CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY RECORD FORM

Surveyor's Name: (Printed)

Surveyor's Signature:

Location:

Date: 6-22-06

Time: 6:00

D. JOHNSON

[Signature]

SOUTH PENINSULA

Area #: 9530

Log #:

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA 5052	4-13-07	BD 263

REASON FOR SURVEY

- ROUTINE
 RWP
 OTHER

RAD ASSESSMENT

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

BY MDA = N/A			CL MDA = N/A		
SMEAR	RESULTS		SMEAR	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8		N/A	23		N/A
9			24		
10			25		
11			26		
12	1		27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:

- Dose rates are gamma and are in mrem/hr unless otherwise noted.
All smears in dpm/100cm² unless otherwise noted.
All LAS's in ccpm/LAS unless otherwise noted.
- ⊙ - Large Area Smear Location
 - ⊙ - Smear Location
 - ⊙ - Air Sample Location
 - *# - Contact Dose Rate
 - # - General Area (GA) Dose Rate
 - *** - Boundary
 - Ⓢ - Step Off Pad
 - #/H - Contact / 30cm(GA) Dose rates
 - NHPD - No Hot Particles Detected
 - CHPTE - Contact HP Prior To Entry
 - RCA - Radiologically Controlled Area
 - RM - Radioactive Material(s)
 - RA - Radiation Area
 - HRA - High Radiation Area
 - CA - Contaminated Area
 - ARA - Airborne Radioactivity Area
 - RPR - Respiratory Protection Required
 - SRPTE - Survey Required Prior to Entry
 - CPM - Counts per Minute
 - NDA - No Detectable Activity
 - LAS - Large Area Smear

TEST PIT 1390 - CONTINUED EXCAVATION
LOOKING FOR ASBESTOS AND BURIED METAL
DRUMS. 28 METAL DRUMS, SHEET METAL,
ANGLE IRON, WELDS RETRIEVED FROM THE
DIG AND SURVEYED BY DIRECT FRISK
AND LAS.

SURVEY RESULTS: NO ACTIVITY
BACKGROUND WAS DETECTED

COPY

ELECTRA BKN = 295CPM

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

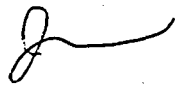
HP MANAGER OR DESIGNEE REVIEW: _____ DATE: _____

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #- 0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 06/26/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of D. Johnson. Survey supervisor Joel Goergen. SSWP work activities include survey of material and sampling of soil removed from excavated pits containing asbestos material on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are Electra 5052 cal due 4/13/07 with probe BP19BD 263, E-600 1112 cal due 9-25-06 with SPA-3 1006 cal due 8-4-06.
0800	Survey of material removed from excavated pit containing asbestos on the peninsula. No licensed activity detected during survey.
1300	Scan and sampling completed on three additional test pits. No elevated activity detected during scan. Sample times as follows:
1343	Sample TP 1342 RA
1350	Sample TP1344 RA
1525	Sample TP 13125 RA
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;



Joel Goergen 6/27/06



CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY RECORD FORM

Surveyor's Name: (Printed) D. JOHNSON Surveyor's Signature: [Signature] Location: SOUTH PENINSULA Date: 6-26-06 Time: 1600
Area #: 9530 Log #:

E600 BKN = 3.25 KCPM
ELECTRA BKN = 290 CPM

COPIED

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA 5052	4-13-07	BD19 BP 263
E600 1112	9-25-06	SP13 1006 29-06

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER RAD ASSESSMENT

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

BY MDA = N/A		Q MDA = N/A	
RESULTS		RESULTS	
SMEAR	Beta-Gamma Alpha	SMEAR	Beta-Gamma Alpha
1		16	
2		17	
3		18	
4		19	
5		20	
6		21	
7		22	
8	N/A	23	N/A
9		24	
10		25	
11		26	
12		27	
13		28	
14		29	
15		30	

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:
Dose rates are gamma and are in mrem/hr unless otherwise noted.
All smears in dpm/100cm² unless otherwise noted.
All LAS's in cpm/LAS unless otherwise noted.

- (H) - Large Area Smear Location
- (B) - Smear Location
- (A) - Air Sample Location
- # - Contact Dose Rate
- # - General Area (GA) Dose Rate
- XXX - Boundary
- [SOB] - Step Off Pad
- 1/2 - Contact / 30cm (GA) Dose rates
- NHPD - No Hot Particles Detected
- CHPTE - Contact HP Prior To Entry
- RCA - Radiologically Controlled Area
- RM - Radioactive Material(s)
- RA - Radiation Area
- HRA - High Radiation Area
- CA - Contaminated Area
- ARA - Airborne Radioactivity Area
- RPR - Respiratory Protection Required
- SRPTE - Survey Required Prior to Entry
- CPM - Counts per Minute
- NDA - No Detectable Activity
- LAS - Large Area Smear

3 TEST PITS WERE EXCAVATED LOOKING FOR BURIED METAL AND ASBESTOS. SOIL SAMPLES WERE TAKEN AT EACH TEST PIT. SAMPLES LABELED ; TP 1343 RA
TP 1344 RA
TP 13125 RA

THE SOIL PILES CREATED FROM THE EXCAVATION WERE SURVEYED USING A E600 METER. NO ELEVATED READINGS ABOVE THE ACTION LEVEL WAS DETECTED

NO METAL OR ASBESTOS WAS FOUND IN TP1343 & 1344
ASBESTOS WAS DETECTED AT TP13125 - THE JOB WAS STOPPED AND THE AREA ROPED OFF

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: [Signature] DATE: 6/27/06

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #:- 0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 06/27/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of D. Johnson. Survey supervisor Joel Goergen. SSWP work activities include survey of material and sampling of soil removed from excavated pits containing asbestos material on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are Electra 5052 cal due 4/13/07 with probe BP19BD 263, E-600 1112 cal due 9-25-06 with SPA-3 1006 cal due 8-4-06.
0800	Survey of material removed from excavated pit containing asbestos on the peninsula. No licensed activity detected during survey.
1100	Scan and sampling completed on additional test pits. No elevated activity detected during scan. Sample times as follows:
1125	Sample TP 13127 RA
1126	Sample TP 13128 RA
1550	Sample TP 13130 RA
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;  Joel Goergen 6/27/06

CONNECTICUT TANKER AND TOWER COMPANY
SURVEY REPORT FORM

01

Surveyor's Name: (Printed)

D. JOHNSON

Surveyor's Signature:

D. Johnson

Location:

SOUTH PENINSULA

Date: 6-27-06

Time: 1630

Area #: 9530

Log #:

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA 5052	4-13-07	BPI9 BD 263
EGOO 1107	8-28-06	SAA 3 1013-9-11-07
COPY		

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER: RAD ASSESSMENT

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

BY MDA = <u>N/A</u>		Q MDA = <u>N/A</u>			
RESULTS		RESULTS			
SMEAR	Beta-Gamma	Alpha	SMEAR	Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8			23		
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:

- Dose rates are gamma and are in mrem/hr unless otherwise noted.
 All smears in dpm/100cm² unless other wise noted.
 All LAS's in cpm/LAS unless other wise noted.
- ⊙ - Large Area Smear Location
 - ⊙ - Smear Location
 - ⊙ - Air Sample Location
 - # - Contact Dose Rate
 - # - General Area (GA) Dose Rate
 - XXX - Boundary
 - SOP - Stop Oil Pad
 - 1/30 - Contact / 30cm(GA) Dose rates
 - NHPD - No Hot Particles Detected
 - CHPTE - Contact HP Prior To Entry
 - RCA - Radiologically Controlled Area
 - RM - Radioactive Material(s)
 - RA - Radiation Area
 - HRA - High Radiation Area
 - CA - Contaminated Area
 - ARA - Airborne Radioactivity Area
 - RPA - Respiratory Protection Required
 - SRPTE - Survey Required Prior to Entry
 - CPM - Counts per Minute
 - NDA - No Detectable Activity
 - LAS - Large Area Smear

3 NEW TEST PITS WERE EXCAVATED LOOKING FOR BURIED METAL DEBRIS AND ASBESTOS. SOIL SAMPLES WERE TAKEN AT EACH PIT. SAMPLES LABELED:

- TB 13127 RA
- TB 13128 RA
- TB 13130 RA

TEST PIT TP 13125 RA WAS EXPANDED IN SEARCH OF BURIED METAL AND ASBESTOS. ALL METAL DEBRIS FOUND WAS SURVEYED BY DIRECT FRISK AND LAS

SURVEY RESULTS: NO ACTIVITY > BACKGROUND WAS DETECTED ELECTRA BKG = 325CPM

SOIL PILES WERE SCANNED WITH AN EG00 METER NO ELEVATED READINGS ABOVE THE ACTION LEVEL WAS FOUND EG00 BKG = 7.25K CPM

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: _____ DATE: 6/27/06

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9530		Survey Area Name: Peninsula test pit Rad Assessment	
Survey Unit #:- 0004		WP&IR #: 2006-0007	
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>			
TIME	NOTES FOR SAMPLING DATE		
06/28/06			
0700	Preformed briefing on SSWP activities for the survey team. The team consists of D. Johnson. Survey supervisor Matt Darois. SSWP work activities include survey of material and sampling of soil removed from excavated pits containing asbestos material on the peninsula.		
0715	Survey team secures the equipment necessary to support SSWP activities.		
0800	Begin excavation of 3 test pit locations. Soil samples were collected from each test pit soil pile. Sample ID's: TP 13123 TP13226 TP13129		
0915	A scan survey on the soil piles was preformed at each location. No elevated readings were detected above background.		
1230	Test pit 13125 Rad Assessment was expanded in search of buried metal and asbestos. Numerous drums, paint cans and I beams were surveyed by direct frisk and LAS with the Electra 1B. No activity above background was detected. Background: 329 cpm.		

Completed by; Matt Darois

CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY RECORD FORM

Surveyor's Name: (Printed)

D. JOHNSON

Surveyor's Signature:

D. Johnson

Location:

SOUTH PENINSULA

Date: 6-28-06

Time: 1615

Area #: 9530

Log #:

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA 9052	4-13-07	BPI9 BD 263
E600 1107	8-23-06	SP3-1013 5-11-04

REASON FOR SURVEY

- ROUTINE
 RWP
 OTHER

R.A.

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

SMEAR	BY MDA= N/A		Q.MDA= N/A	
	Beta-Gamma	Alpha	Beta-Gamma	Alpha
1			16	
2			17	
3			18	
4			19	
5			20	
6			21	
7			22	
8	N/A		23	N/A
9			24	
10			25	
11			26	
12			27	
13			28	
14			29	
15			30	

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:

Dose rates are gamma and are in mrem/hr unless otherwise noted.
All smears in dpm/100cm² unless otherwise noted.
All LAS's in cpm/LAS unless otherwise noted.

- Large Area Smear Location
- Smear Location
- Air Sample Location
- Contact Dose Rate
- General Area (G/A) Dose Rate
- Boundary
- Step Off Pad
- Contact / 30cm(GA) Dose rates
- No Hot Particles Detected
- Contact HP Prior To Entry
- Radiologically Controlled Area
- Radioactive Material(s)
- Radiation Area
- High Radiation Area
- Contaminated Area
- Airborne Radioactivity Area
- Respiratory Protection Required
- Survey Required Prior to Entry
- Counts per Minute
- No Detectable Activity
- Large Area Smear

3 TEST PITS WERE EXCAVATED LOOKING FOR BURIED METAL. SOIL SAMPLES WERE TAKEN AT EACH PIT

THE SAMPLES LABELED: TP 13123 RA
TP 13126 RA
TP 13129 RA

A SCAN SURVEY ON THE DIRT PILES WAS PERFORMED USING A E600 METER. NO ELEVATED READINGS ABOVE THE ACTION LEVEL WAS DETECTED - E600

BKG - 8165 CPD

COPY

TEST PIE 13125 RA WAS EXPANDED IN SEARCH OF BURIED METAL AND ASBESTOS. NUMEROUS DRUMS

PAINT CANS, AND 1 BEAMS WERE SURVEYED

BY DIRECT FRICK AND LAS WITH THE ELECTRA 13

NO ACTIVITY > BACKGROUND WAS DETECTED - ELECTRA

BKG = 329 EPM

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: DATE:

[Signature]

7-5-06

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9530	Survey Area Name: Peninsula
Survey Unit #:- 0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 06/29/2006
0700	Performed briefing on SSWP activities for the survey team. The team consists of D. Johnson. Survey supervisor Joel Goergen. SSWP work activities include survey of material and sampling of soil removed from excavated pits containing asbestos material on the peninsula.
0715	Survey team secures the equipment necessary to support SSWP activities. Meters used for surveying are Electra 5052 cal due 4/13/07 with probe BP19BD 263
0800	Survey of material removed from excavated pit 13125 containing asbestos on the peninsula. No licensed activity detected during survey.
1300	Survey of material removed from excavated pit 13129 containing asbestos on the peninsula. No licensed activity detected during survey.
1630	All tools equipment and materials have been returned to appropriate storage locations.

Completed by;



Joel Goergen 7/5/06

**CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY REPORT FORM**

Surveyor Name: (Printed) D. JOHNSON Surveyor Name: (Signature) [Signature] Location: SOUTH PENINSULA

Date: 6-29-06 Time: 1600 Log #: _____
Area # 9530 Map #: N/A Rev #: N/A

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
<u>ELECTRA 5052</u>	<u>4/30/07</u>	<u>BP19AD 263</u>
	<u>N/A</u>	

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER R.A.

Air Sample Control #: N/A Total DAC Fraction: N/A

CONTAMINATION RESULTS (SMEARS) dpm/100cm²

BY MDA=			α MDA=		
SMEAR #	RESULTS		SMEAR #	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			11		
2			12		
3			13		
4			14		
5	<u>N/A</u>		15	<u>N/A</u>	
6			16		
7			17		
8			18		
9			19		
10			20		

Smear Continuation Sheet Used. YES NO

Legend:

Dose rates are gamma and are in mrem/hr unless otherwise noted
All smears in dpm/100cm² unless otherwise noted.
All LAS's in cpm/LAS unless otherwise noted.

- Large Area Smear Location	ARA - Airborne Radioactivity Area
- Air Sample Location	RA - Radiation Area
- Smear Location	CA - Contaminated Area
- Contact Dose Rate	HRA - High Radiation Area
- General Area (GA) Dose Rate	LHRA - Locked High Radiation Area
- Indicates Boundary	RM - Radioactive Material(s)
- Step Off Pad	HCA - High Contamination Area
- Respiratory Protection Required	HPA - Hot Particle Area
- Large Area Smear	RCA - Radiologically Contaminated Area
- No Hot Particle Detected	SRPTE - Survey Required Prior In Entry
- Contact HP Prior To Entry	CPM - Counts per Minute
- Contact / 30cm (GA) Dose rates	ND - No Detectable Activity
- Lead (Pb) Shielding	NDβ - No Detectable Beta
	TSLHRA - Tech Spec Locked High Radiation Area

TEST PIT 13125 EXCAVATION HAS ENDED - ALL METAL DEBRIS WAS SURVED BY DIRECT FRISK AND LAS

RESULTS; NO ACTIVITY > BACKGROUND WAS DETECTED

TEST PIT 13129 WAS EXPANDED LOOKING FOR ASBESTOS - NO METAL DEBRIS WAS FOUND



ELECTRA BITE = 310CPM

RM-14 / E-140 Background :

Postings Other _____
 RCA RM CA RA TSLHRA Contact HP Prior to Entering
 Outside The RCA HCA HRA Spec 2 Airborne Radioactivity Area
 Respirator Protection Required

HP MANAGER OR DESIGNEE REVIEW: [Signature] DATE: 7/5/06

Attachment C
Daily Survey Journal
 Page 1 of 1

Survey Area #: 9530		Survey Area Name: Central & Northern Peninsula	
Survey Unit #:- 0003/0004		WP&IR #: 2006-0007	
Specific instructions for using the Daily Survey Journal.			
1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.			
2 All documentation will be complete and legible.			
TIME	NOTES FOR SAMPLING DATE 07/06/2006		
0700	Briefed survey and sampling team on performance of today's SSWP activities. Survey team consists of Don Johnson and survey supervisor Douglas Roberson.		
0715	The survey team is collecting the equipment and materials required to support the SSWP.		
0730	Completed a walk down of the Central & Northern Peninsula with the MBI foreman and survey team technician.		
0745	Continuing with the dig of test pit 1390 excavated a drum with a petroleum smell emitting from the drum. Drum placed back into hole after scan (No detectable activity) job placed on hold until RCRA concerns are satisfied.		
0750- 1600	Work on hold in Survey Area 9530 with the exception of loading out previously sampled ACM soil into trucks for shipment off-site.		

Completed by; 

Attachment C
Daily Survey Journal

Page 1 of 2

Survey Area #: 9520	Survey Area Name: Industrial Area Yard/Peninsula
Survey Unit #:- 4	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 07/07/2006
0650	Briefed the survey team on performance of today's SSWP activities. Survey team consists of Don Johnson and Douglas Roberson. (SSWP-06-07-001)
0730	Survey team secures the required equipment to support SSWP activities.
0745	E-600 background established for excavated spoils lay-down area and lay-down area scanned with no elevated readings detected. (E-600 #1112 CAL Due 9/28/06 Probe #1006 CAL Due 8/9/06, Background = 3.65K cpm)
0800	MBI personnel start excavation with each bucket load being spread out in lay down area for visual inspection and scan with E-600.
0850	No activity detected on bucket loads and no material identified, crew stopping for break.
0920	MBI personnel continue excavation with each bucket load being spread out in lay down area for visual inspection and scan with E-600.
1130	Excavation area down to pre-agreed depth of ten feet. No activity detected on bucket loads and only minor amount of material identified (Two pieces of wire & one piece of rusty sheet metal). Sloping of walls started on south side of excavation.
1140	Lunch time.
1245	Sloping of excavation walls continues, all sloped areas are located outside the designated excavation area.
1318	South, East & West wall sloping is complete. During the sloping of the north wall a stove pipe drum was located at approximately two feet below grade.
1325	Electra scan of the stove pipe drum as well as a large area swipe indicated that no detectable activity existed on/in the drum (Electra #5052 CAL Due 4/13/2006 probe #263 27.1 % Efficiency). E-600 scan of soil located underneath the original location of the drum showed no elevated activity.
1345	Sloping of the North wall completed, permission given to enter the excavation for scans and

COPY

SURVEY RECORD FORM

Surveyor's Name: (Printed)

Surveyor's Signature:

Location:

Date: 7-7-06

Time: 1600

D. JOHNSON

D. Johnson

UPPER PENINSULA

Area #: 9520

Log #:

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA 5052	4-13-07	BP19 BD263
EG60 1112	9-26-06	SP13 1006 8-9-06

REASON FOR SURVEY

- ROUTINE
 RWP
 OTHER

RAD. ASSESSMENT

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

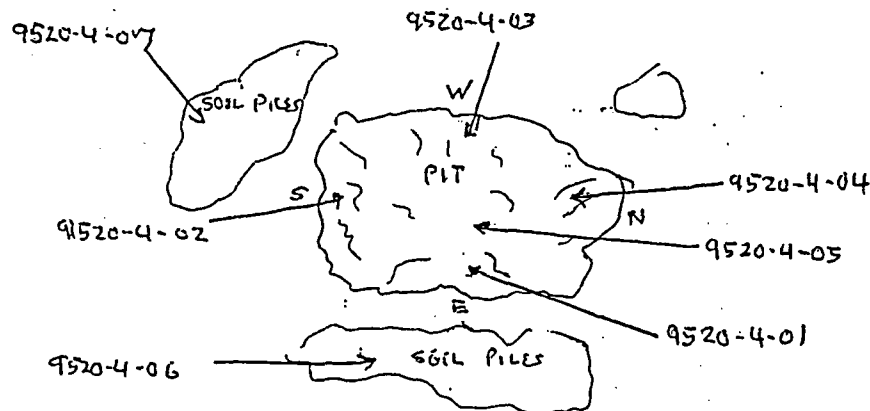
SMEAR	BY MDA = N/A		Q.MDA = N/A	
	RESULTS		RESULTS	
	Beta-Gamma	Alpha	Beta-Gamma	Alpha
1			16	
2			17	
3			18	
4			19	
5			20	
6			21	
7			22	
8	N/A		23	N/A
9			24	
10			25	
11			26	
12			27	
13			28	
14			29	
15			30	

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:

- Dose rates are gamma and are in mrem/yr unless otherwise noted.
 All smears in dpm/100cm² unless otherwise noted.
 All LAS's in cpm/LAS unless otherwise noted.
- (O) - Large Area Smear Location
 - (S) - Smear Location
 - (A) - Air Sample Location
 - # - Contact Dose Rate
 - # - General Area (G/A) Dose Rate
 - XXX - Boundary
 - (SOP) - Step Off Pad
 - #/H - Contact / 30cm(GA) Dose rates
 - NHPD - No Hot Particles Detected
 - CHPPTE - Contact HP Prior To Entry
 - RCA - Radiologically Controlled Area
 - RM - Radioactive Material(s)
 - RA - Radiation Area
 - HRA - High Radiation Area
 - CA - Contaminated Area
 - ARA - Airborne Radioactivity Area
 - RPR - Respiratory Protection Required
 - SRPTE - Survey Required Prior to Entry
 - CPM - Counts per Minute
 - NDA - No Detectable Activity
 - LAS - Large Area Smear



SOIL WAS EXCAVATED FROM AN AREA IDENTIFIED FOR REMEDIATION TO A DEPTH OF 10 FEET. EACH BUCKET OF SOIL EXCAVATED WAS SPREAD ON THE GROUND WHERE A GAMMA SCAN SURVEY WAS PERFORMED. THE AVERAGE BACKGROUND OF THE EG60 METER WAS 3.65 KCPM. NO ACTIVITY ABOVE THE ACTION LEVEL WAS FOUND.

A 55 GALLON DRUM WAS DUG UP DURING THE EXCAVATION AND SURVEYED BY DIRECT FRISK AND LAS. NO ACTIVITY > BACKGROUND WAS DETECTED USING AN ELECTRA 1B HAVING A BACKGROUND OF 335 cpm

7 SOIL SAMPLES WERE TAKEN AND SENT TO COUNT ROOM TO BE GAMMA SPEC'D

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

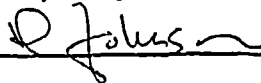
HP MANAGER OR DESIGNEE REVIEW: _____ DATE: _____

SURVEY REPORT FORM

Surveyor's Name (Printed)

D. JOHNSON

Surveyor's Signature:



Location:

SOUTH WEST SITE STORAGE AREA

Date: 7-5-06

Time: 1600

Area #: 9520-0004

Log #:

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELETRA 5052	4-13-07	BP19 BD 263
E 600 1107	8-28-06	503-1013 5-11-07

REASON FOR SURVEY

- ROUTINE
 RWP
 OTHER

KAD ASSESSMENT

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²






















SMEAR #	RESULTS		SMEAR #	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8	N/A		23	N/A	
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:

Dose rates are gamma and are in mrem/yr unless otherwise noted.
 All smears in dpm/100cm² unless otherwise noted.
 All LAS's in ccpm/LAS unless otherwise noted.

-  - Large Area Smear Location
-  - Smear Location
-  - Air Sample Location
-  - Contact Dose Rate
-  - General Area (G/A) Dose Rate
-  - Boundary
-  - Step Off Pad
-  - Contact / 30cm(GA) Dose rates
-  - NHPD - No Hot Particles Detected
-  - CHPPTe - Contact HP Prior To Entry
-  - RCA - Radiologically Controlled Area
-  - RM - Radioactive Material(s)
-  - RA - Radiation Area
-  - HRA - High Radiation Area
-  - CA - Contaminated Area
-  - ARA - Airborne Radioactivity Area
-  - RPR - Respiratory Protection Required
-  - SRPTE - Survey Required Prior To Entry
-  - CPM - Counts per Minute
-  - NDA - No Detectable Activity
-  - LAS - Large Area Smear

TP 9520-0004-04 RA



TP 9520-0004-01 RA



AREA THAT CONTAINED
RESIDUAL RADIOACTIVE CONTAMINATION
IN THE SOIL

TP 9520-0004-03 RA



TP 9520-0004-02 RA

4 TEST PITS WERE EXCAVATED AROUND AN AREA THAT CONTAINED RESIDUAL RADIOACTIVE CONTAMINATION IN THE SOIL, TO BOUND THE EXTENT OF THE SOIL CONTAMINATION. SOIL SAMPLES WERE TAKEN AT EACH PIT AND SENT TO THE COUNT ROOM FOR GAMMA SPEC EVALUATION

GAMMA SCANNING OF THE SOIL PILES WAS PERFORMED AT EACH TEST PIT USING A EG600 METER. THE AVERAGE BACKGROUND WAS 7.95 KCPM. NO ACTIVITY ABOVE ACTION LEVEL WAS FOUND

TRUE COPY

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: _____ DATE: _____



7-6-06

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9520 / 9530	Survey Area Name: Central & Northern Peninsula
Survey Unit #:- 4 / 0003	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 07/10/2006
0700	Briefed survey and sampling team on performance of today's SSWP activities. Survey team consists of Don Johnson and survey supervisor Douglas Roberson.
0715	The survey team is collecting the equipment and materials required to support the SSWP.
0730	Completed a walk down of the Central & Northern Peninsula with the MBI foreman and survey team technician.
0730- 1600	Work on hold in Survey Area 9530 with the exception of loading out previously sampled ACM soil into trucks for shipment off-site.
0735- 1600	Working on the load out of previously scanned and sampled ACM soil from Survey Area 9520-4 for BSFR shipment. (This activity took all day and will complete tomorrow)

Completed by; 

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9520 & 9530	Survey Area Name: Central & Northern Peninsula
Survey Unit #:- 4 & 0003/0004	WP&IR #: 2006-0007
Specific instructions for using the Daily Survey Journal.	
<p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 07/11/2006
0700	Briefed survey and sampling team on performance of today's SSWP activities. Survey team consists of Don Johnson and survey supervisor Douglas Roberson.
0715	The survey team is collecting the equipment and materials required to support the SSWP.
0730	Completed a walk down of the Central & Northern Peninsula with the MBI foreman and survey team technician.
0730-1600	Test pit 1390 Area 9530 on hold until RCRA concerns are satisfied with the exception of loading out previously sampled ACM soil into trucks for non-Rad shipments off-site.
1012	Started the excavation of TP 13103 Area 9520 and are encountering various metal and wood debris. All metal debris was surveyed for fix and loose surface contamination and displayed no elevated activity.
1100	Performed a composite sample of the test pit soil sample #13103A and controlled the sample with the Attachment "A" Sample control and accountability form. Sample was taken to the count room for analysis. If the results are clean Then the ACM dirt samples will go to a clean lab for analysis
1235	Started loading out the soil and scanned debris from the excavation TP 13103 to be transferred to the 141 building for Rad shipment.
1530	Completed the loading of the soil and scanned debris from TP 13103.
1600	Survey team equipment and materials returned to storage for the day.
NOTE	Survey equipment used: Electra #5052 Cal due 4/13/2006 probe #327 w/27.1% efficiency.
	<i>ca 2.712</i>

Completed by;

ORL

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9520 & 9530	Survey Area Name: Central & Northern Peninsula
Survey Unit #:- 4 & 0003/0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 07/12/2006
0700	Briefed survey and sampling team on performance of today's SSWP activities. Survey team consists of Don Johnson and survey supervisor Douglas Roberson.
0715	The survey team is collecting the equipment and materials required to support the SSWP.
0730	Completed a walk down of the Central & Northern Peninsula with the MBI foreman and survey team technician.
0730- 1600	Test pit 1390 Area 9530 on hold until RCRA concerns are satisfied with the exception of loading out previously sampled ACM soil into trucks for non-Rad shipments off-site.
0730	Consolidating the soil/debris piles from the initial test pit sampling into one pile (Test pit #13106, 13118 & 13107 from Area 9520)
0930	Started the excavation of TP 13106 Area 9520 and are encountering various metal, wood and ACM debris. Debris was surveyed for fix and loose surface contamination and displayed no elevated activity. Soil and debris is being stock piled on the ground due to not having a Tri-Axle for transporting to the 141 building.
1130	The excavation of TP 13106 has joined up and became part of TP 13118 excavation and work is ongoing.
1400	The excavation of TP 13107 has began and we only encountered a small amount of debris. Debris was surveyed for fix and loose surface contamination and displayed no elevated activity. Soil and debris is being stock piled on the ground due to not having a Tri-Axle for transporting to the 141 building.
NOTE	The walls of the excavation have not been sloped. We will perform our scanning and sampling of the excavated area once permission for entry has been granted.
1600	Survey team equipment and materials returned to storage for the day.
NOTE	Survey equipment used: Electra #5052 Cal due 4/13/2008 probe #327 w/27.1% efficiency.

Completed by; 

Attachment C
Daily Survey Journal

Page 1 of 2

Survey Area #: 9520 & 9530	Survey Area Name: Central & Northern Peninsula
Survey Unit #:- 4 & 0003/0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 07/13/2006
0700	Briefed survey and sampling team on performance of today's SSWP activities. Survey team consists of Don Johnson and survey supervisor Douglas Roberson.
0715	The survey team is collecting the equipment and materials required to support the SSWP.
0730	Completed a walk down of the Central & Northern Peninsula with the MBI foreman and survey team technician.
0730- 1600	Test pit 1390 Area 9530 on hold until RCRA concerns are satisfied with the exception of loading out previously sampled ACM soil into trucks for non-Rad shipments off-site.
0730	Requested safety to sniff test pits and inspect sloping for entry requirements (Test pit #13106, 13118 & 13107 from Area 9520)
0945	Started the excavation of TP 1397 Area 9520. Debris was surveyed for fix and loose surface contamination and displayed no elevated activity. No sign of ACM present soil will be returned to hole after radiological sampling results are known.
0945	Started the scanning/sampling of test pit #13103, 13106, 13118 & 13107 from Area 9520.
1000	Pulled sample TP-13103B from the southern section of TP-13103.
1005	Pulled sample TP-13103C from the northern section of TP-13103.
1015	Pulled sample TP-13106A from the southern section of TP-13106.
1020	Pulled sample TP-13106B from the northern section of TP-13106.
1025	Pulled sample TP-13118A from the southern section of TP-13118.
1030	Pulled sample TP-13118B from the northern section of TP-13118.
1035	Pulled sample TP-13107A from the southern section of TP-13107.
1040	Pulled sample TP-13107B from the northern section of TP-13107.
1040	Scan results showed that none of the test pits #13103, 13106, 13118 & 13107 from Area 9520

Attachment C
Daily Survey Journal

Page 2 of 2

	displayed any readings above the action levels
1100	Pulled sample TP-1397A and scanned the soil from the bottom of TP-1397 using the bucket due to the narrowness of the hole. The remainder of the bucket of dirt that was sampled/scanned was returned to the hole.
1105	Pulled sample TP-1397B (Composite sample) and scanned the soil spoils pile that was removed from TP-1397 during the excavation. The spoils pile is on the ground next to the test pit.
1105	Scan results showed that the test pit #1397 from Area 9520 displayed no readings above the action levels.
1120	All samples were entered on a chain of custody sheet and taken to the Sea-Land at the EOF until such time that the count room is brought back into service
1600	Survey team equipment and materials returned to storage for the day.
NOTE	Survey equipment used: Electra #5052 Cal due 4/13/2006 probe #327 w/27.1% efficiency. E600 #1107 Cal due 8/26/06, SPA-3 probe #1013 Cal Due 5/11/06 BKG=7.25k cpm.

Completed by; 

6/11/06 *7/11/06*

**CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY REPORT FORM**

Surveyor's Name: (Printed)

D. JOHNSON

Surveyor's Signature:

Location:

UPPER PENINSULA

Date: 7-13-06

Time: 1100

Area #: 0520

Log #:

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA 5052	4-13-07	BD19 BP263
EL60 1104	8-26-06	SDA3 1613 5-11-07

REASON FOR SURVEY

- ROUTINE
 RWP
 OTHER

RAD ASSESSMENT

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

BY MDA = N/A			Q MDA = N/A		
SMEAR	RESULTS		SMEAR	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8	N/A		23		
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

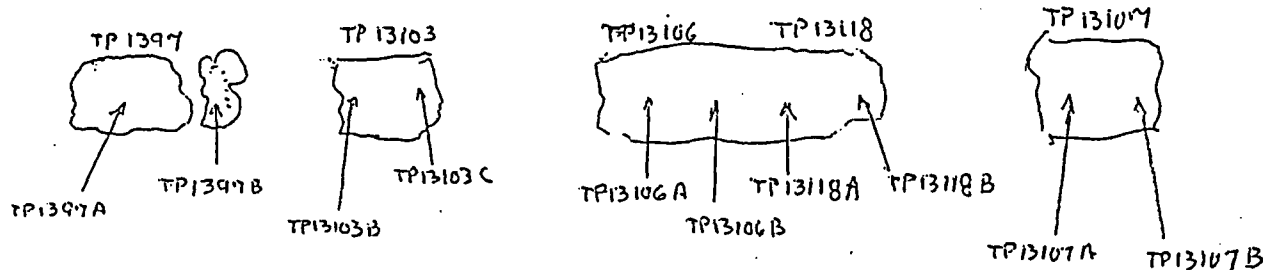
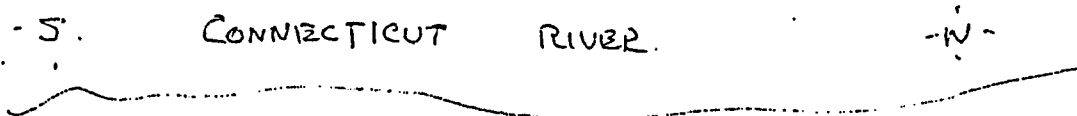
Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

COPY

Legend:
Dose rates are gamma and are in mrem/hr unless otherwise noted.
All smears in dpm/100cm² unless otherwise noted.
All LAS's in ccpm/LAS unless otherwise noted.

- ⊕ - Large Area Smear Location
- ⊙ - Smear Location
- ⊕ - Air Sample Location
- ⊕ - Contact Dose Rate
- # - General Area (G/A) Dose Rate
- XXXX - Boundary
- ☐ - Step Off Pad
- ☐ - Contact / 30cm (GA) Dose rates
- NHPD - No Hot Particles Detected
- CHPTE - Contact HP Prior To Entry
- RCA - Radiologically Controlled Area
- RM - Radioactive Material(s)
- RA - Radiation Area
- HRA - High Radiation Area
- CA - Contaminated Area
- ARA - Airborne Radioactivity Area
- RPR - Respiratory Protection Required
- SRPTE - Survey Required Prior to Entry
- CPM - Counts per Minute
- NDA - No Detectable Activity
- LAS - Large Area Smear



A SCANNING SURVEY WAS PERFORMED IN 5 TEST PITS USING A EGOD METER. THE AVERAGE BACKGROUND READING WAS 7.25KCPM, NO ACTIVITY ABOVE THE ACTION LEVEL WAS FOUND

10 SOIL SAMPLES WERE TAKEN FOR X SPEC ANALYSIS

METAL DEBRIS AND A CEMENT BLOCK WERE SURVEYED USING AN ELECTRA 1B BY DIRECT FRISK. NO ACTIVITY WAS DETECTED > BACKGROUND ELECTRA BKG = 395cpm

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: DATE:

OLL

7/14/06

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9520 & 9530	Survey Area Name: Central & Northern Peninsula
Survey Unit #- 4 & 0003/0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 07/17/2006
0700	Briefed survey and sampling team on performance of today's SSWP activities. Survey team consists of Don Johnson and survey supervisor Douglas Roberson.
0715	The survey team is collecting the equipment and materials required to support the SSWP.
0730	Completed a walk down of the Central & Northern Peninsula with the MBI foreman and survey team technician.
0730- 1600	Test pit 1390 Area 9530 on hold until RCRA concerns are satisfied with the exception of loading out previously sampled ACM soil into trucks for non-Rad shipments off-site.
1500	Started the excavation of TP 13124 Area 9530. Debris was surveyed for fix and loose surface contamination and displayed no elevated activity. No sign of ACM present soil will be returned to hole after radiological sampling results are known.
1550	Pulled sample TP-13124 and scanned the soil from the bottom of TP-13124 using the bucket due to the narrowness of the hole. The remainder of the bucket of dirt that was sampled/scanned was returned to the hole.
1600	Pulled sample TP-13124A (Composite sample) and scanned the soil spoils pile that was removed from TP-13124 during the excavation. The spoils pile is on the ground next to the test pit.
1600	Scan results showed that the test pit #13124 from Area 9530 displayed no readings above the action levels.
1605	All samples were entered on an Attachment "A" sheet and taken to the count room for analysis.
1615	Survey team equipment and materials returned to storage for the day.
NOTE	Survey equipment used: Electra #5052 Cal due 4/13/2007 probe #327 w/27.1% efficiency. E600 #1107 Cal due 8/26/06, SPA-3 probe #1013 Cal Due 5/11/07 BKG= 6.95k cpm.

Completed by; 



**CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY RECORD FORM**

C 1

Surveyor's Name: (Printed) D. JOHNSON	Surveyor's Signature: <i>D. Johnson</i>	Location: LOWER PENINSULA	Date: 7-17-06	Time: 1600
			Area #: 9530	Log #:

TEST PIT 13124 WAS EXCAVATED LOOKING FOR BURIED METAL. SOIL SAMPLES WERE TAKEN FROM THE BOTTOM OF THE PIT AND A COMPOSITE SAMPLE FROM THE SOIL PILE CREATED FROM THE EXCAVATION. THE SAMPLES WERE LABELED TP13124 AND TP13124A AND SENT TO THE COUNT ROOM FOR GAMMA SPEC ANALYSIS. GAMMA SCANNING OF THE SOIL PILES WAS PERFORMED USING A EGCO METER. BACKGROUND READING WAS 6.95 KCPM. NO ACTIVITY ABOVE THE ACTION LEVEL WAS FOUND. NO METAL FOUND WAS SURVED WITH A ELECTRA. NO ACTIVITY > BACKGROUND WAS DETECTED. ELECTRA BKN 3451PM

INSTRUMENTS USED		
MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
ELECTRA 5052	4-13-07	BDK RP 203
EGCO 1107	2-26-06	SPA3* 1013 5-11-07

REASON FOR SURVEY	
<input type="checkbox"/> ROUTINE	RAD ASSESSMENT
<input type="checkbox"/> RWP	
<input checked="" type="checkbox"/> OTHER	

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sampler(s) #'s & Cal Due dates in section above.

SMEAR RESULTS <small>dpm/100cm²</small>					
BY MDA= N/A			Q.MDA= N/A		
SMEAR	RESULTS		SMEAR	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8	N/A		23	N/A	
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:

Dose rates are gamma and are in mrem/yr unless otherwise noted.
All smears in dpm/100cm² unless otherwise noted.
All LAS's in cpm/LAS unless otherwise noted.

⊙ - Large Area Smear Location	RCA - Radiologically Controlled Area
⊙ - Smear Location	RM - Radioactive Material(s)
⚠ - Air Sample Location	RA - Radiation Area
# - Contact Dose Rate	HRA - High Radiation Area
# - General Area (GA) Dose Rate	CA - Contaminated Area
XXXX - Boundary	ARA - Airborne Radioactivity Area
SOP - Step Off Pad	RPR - Respiratory Protection Required
#/30 - Contact / 30cm(GA) Dose rates	SRPTE - Survey Required Prior to Entry
NHPD - No Hot Particles Detected	CPM - Counts per Minute
CHPPTE - Contact HP Prior To Entry	NDA - No Detectable Activity
	LAS - Large Area Smear


Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP MANAGER OR DESIGNEE REVIEW: *[Signature]* DATE: **7/19/06**

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: 9520 & 9530		Survey Area Name: Central & Northern Peninsula	
Survey Unit #:- 4 & 0003/0004		WP&IR #: 2006-0007	
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>			
TIME	NOTES FOR SAMPLING DATE 07/18/2006		
0700	Briefed survey and sampling team on performance of today's SSWP activities. Survey team consists of Don Johnson and survey supervisor Douglas Roberson.		
0715	The survey team is collecting the equipment and materials required to support the SSWP.		
0730	Completed a walk down of the Central & Northern Peninsula with the MBI foreman and survey team technician.		
0730- 1130	Test pit 1390 Area 9530 HOLD LIFTED excavation resumed. Survey of miscellaneous debris revealed no elevated radiological activity		
1245	Continuing removal of debris. Various drums with tar like substance removed from ground job placed back on hold until environmental group takes a look at material.		
1400	Work cancelled due to hot temperatures.		

Completed by; 

Attachment C
Daily Survey Journal

Page 1 of 1

Survey Area #: TP1390, TP1324	Survey Area Name: Peninsula test pits/ACM Dig
Survey Unit #:-	WP&IR #: NA
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME 07/19/06	NOTES FOR SAMPLING DATE
0700	Preformed briefing on peninsula ACM TP/dig. The team consists of D. Johnson. Survey supervisor Matt Darois. Work activities include survey of material and sampling of soil removed from excavated pits containing asbestos material on the peninsula.
0715	Survey team secures the equipment necessary to support activities.
0820	MBI given approval to backfill TP1324 by Doug Roberson. The TP is located within the ACM load out stockpile near the former GS3 location. The TP was clean (NDA).
0930	MBI crew is reworking the ACM load out stock pile following backfill of TP1324. The soil stockpile will be consolidated into a single pile for load out.
1120	Digging in TP 1390 (Northern extent of the dig) has uncovered additional ACM and broken/non-intact drums and various wood and metal debris. Field scans were conducted of debris, drums and soil: NDA. An additional sample of ACM soil was collected and counted for gamma spec. Soil sample(s) were also collected from the segregated top soil stock pile located to the north of the excavation area. (TP 1390 B, TP 1390 A + TP 1520 C) <i>CP</i>
1130	Brian Couture and Nadia Glucksberg at TP1390 to assess the condition of the test pit for RCRA characterization and requirements.
1300	Additional areas in the Northeast extent and the Northwest extent of the excavation were investigated at the direction of Nadia G. and the MBI asbestos coordinator during the afternoon. All debris and scans of soil were scanned by HP: NDA.

Completed by; Matt Darois



CONNECTICUT YANKEE ATOMIC POWER COMPANY
SURVEY RECORD FORM

Surveyor's Name: (Printed) D Johnson Surveyor's Signature: A Johnson Location: SOUTH PENINSULA Date: 7-19-06 Time: 1400
Area #: 9530 Log #: _____

INSTRUMENTS USED

MODEL/SERIAL#	CAL DUE	PROBE/SERIAL#
IS600 # 112	9-26-06	52A3 # 106 8-9-06
ELECTRON # 407552	4-13-07	FD19 DP 203

REASON FOR SURVEY

ROUTINE
 RWP
 OTHER RAD ASSESSMENT

Air Sample(s): NO YES Indicate A/S location(s) on survey map and sample(s) #'s & Cal Due dates in section above.

SMEAR RESULTS dpm/100cm²

BY MDA = N/A			Q.M.D.A. = N/A		
SMEAR	RESULTS		SMEAR	RESULTS	
	Beta-Gamma	Alpha		Beta-Gamma	Alpha
1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8	N/A		23	N/A	
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

Smear Continuation Sheet Used? YES NO

Portable Count Rate Instrument Background: _____ cpm

Legend:
Dose rates are gamma and are in mrem/yr unless otherwise noted.
All smears in dpm/100cm² unless otherwise noted.
All LAS's in ccpm/LAS unless otherwise noted.

- (R) - Large Area Smear Location
- (S) - Smear Location
- (A) - Air Sample Location
- # - Contact Dose Rate
- # - General Area (GA) Dose Rate
- *** - Boundary
- [SOP] - Step Off Pad
- 1/30 - Contact / 30cm(GA) Dose rates
- NHPD - No Hot Particles Detected
- CHPTE - Contact HP Prior To Entry
- RCA - Radiologically Controlled Area
- RM - Radioactive Material(s)
- RA - Radiation Area
- HRA - High Radiation Area
- CA - Contaminated Area
- ARA - Airborne Radioactivity Area
- RPR - Respiratory Protection Required
- SRPTE - Survey Required Prior to Entry
- CPM - Counts per Minute
- NDA - No Detectable Activity
- LAS - Large Area Smear

TEST PIT 1390 - CONTINUED EXCAVATION LOOKING FOR ASBESTOS AND BURIED METAL DRUMS. 4 METAL DRUMS, SHEET METAL, AND ANGLE IRON WERE RETRIEVED FROM THE DIG AND SURVEYED BY DIRECT FRISK AND LHS.

SURVEY RESULTS: NO ACTIVITY > BACKGROUND WAS DETECTED - ELECTRA BKG = 329 CPM

A GAMMA SCAN OF THE SOIL PILES WAS PERFORMED ECCO BKG - 6.30kepm. NO ACTIVITY ABOVE THE ACTION LEVEL W/HC FOUND

3 SOIL SAMPLES WERE TAKEN - SAMPLES LABELED TP 1390C - TP 1390A - TP 1390B

COPY

Postings: RCA RM CA RA HRA Contact HP Prior to Entry
 Outside The RCA Other: _____

HP-MANAGER OR DESIGNEE REVIEW: CKL DATE: 7/19/06

Attachment C
Daily Survey Journal

Page 1 of 2

Survey Area #: 9520 & 9530	Survey Area Name: Central & Northern Peninsula
Survey Unit #:- 4 & 0003/0004	WP&IR #: 2006-0007
<p>Specific instructions for using the Daily Survey Journal.</p> <p>1 The Daily Survey Journal provides the means to record those items required by the applicable sampling plan as well as any deviations or anomalies that should be brought to the attention of the Final Status Survey (FSS) Engineer.</p> <p>2 All documentation will be complete and legible.</p>	
TIME	NOTES FOR SAMPLING DATE 07/20/2006
0700	Briefed survey and sampling team on performance of today's SSWP activities. Survey team consists of Don Johnson, J. Rand and survey supervisor Douglas Roberson.
0715	The survey team is collecting the equipment and materials required to support the SSWP.
0730	Completed a walk down of the Central & Northern Peninsula with the MBI foreman and survey team technician.
0730	Test pit 1390 Area 9530 sampling for ACM and HAZMAT to be performed.
1000	Pulled sample TP 1390 D.
1002	Pulled sample TP-1390 E.
1002	Pulled sample TP 1390 F.
1020	Pulled sample TP-1390 G.
1025	Pulled sample TP 1390 H.
1030	Pulled sample TP-1390 I.
1035	Pulled sample TP 1390 J.
1037	Pulled sample TP-1390 K.
1040	Pulled sample TP 1390 L.
1042	Pulled sample TP-1390 M.
1045	Pulled sample TP 1390 N.
1051	Pulled sample TP-1390 O.
1100	All samples were entered on an Attachment "A" sheet and taken to the count room for analysis.
1115	State worker and FSS Tech going to 9520-4 excavation to pull two samples for the State.

Attachment C
Daily Survey Journal

Page 2 of 2

1120	Pulled samples # 9520-4-08 & 9520-04-10 from the same bucket load of soil removed from the bottom of the excavation south side.
1123	Pulled samples # 9520-4-09 & 9520-04-11 from the same bucket load of soil removed from the bottom of the excavation north side.
1124	All four samples placed on a Chain Of Custody sheet and taken to the count room for analysis.
1615	Survey team equipment and materials returned to storage for the day.
NOTE	

Completed by;



APPENDIX C – GROUND PENETRATING RADAR SURVEY REPORT



May 24, 2004

Mr. Gary Seckinger
Connecticut Yankee Atomic Power Company
Haddam Neck Plant
362 Injun Hollow Road
East Hampton, Connecticut, 06424

Re: Technical Memorandum – Ground-Probing Radar and Metal Detection Surveys for Final Status Survey – AOC 13, East Hampton, Connecticut

Dear Mr. Seckinger:

The purpose of this memorandum is to present the findings from a ground-probing radar (GPR) survey and a metal detection screening survey completed in support of the removal of debris piles located at Area of Concern 13 (AOC 13) prior to Final Status Survey (FSS). The geophysical survey was completed to locate subsurface utility lines (to the extent practical) so they may be avoided during excavation activities slated to remove debris piles. Metal detection screening was completed to provide evidence for the presence or absence of metallic debris interred in the southwest portion of the Spoils Pile Area berm.

MACTEC Engineering and Consulting, Inc. (MACTEC) completed geophysical surveying at AOC 13 on May 12th and 13th, 2004. On-site personnel included Gary Seckinger (CYAPCO) and Scott Calkin (MACTEC).

Geophysical Techniques, Equipment, and Methodology

GPR profiling was completed with a Geophysical Survey Systems Inc. Subsurface Interface Radar Model 3000 equipped with a 400 megahertz antenna (see Figure 1). A 60 nanosecond two-way travel-time was used based on known geologic conditions. The depth of GPR investigation was estimated at approximately 12 feet below ground surface (bgs). GPR profiling was completed in accessible areas to determine the location of subsurface utilities and provide an estimate of depth of burial. GPR profile lines were completed on an as needed basis in areas of relatively unobstructed access. Existing drawings, provided by CYAPCO, showing the approximate location of subsurface water lines were reviewed during the course of the survey to guide utility screening. Brush, low lying grasses, and moderately dense vegetation typified most of the survey area. Radar traverses were typically completed perpendicular to the run of each utility. Approximately 60 GPR profiles were completed. GPR data were interpreted in the field.

Mr. Gary Seckinger
May 24, 2004
Page 2

Data were downloaded to a laptop computer and processed with Radan (v.5.0) for presentation purposes.

GPR profile records are typically voluminous in nature, therefore only selected representative profile records are presented. Figure 2 and 3 show representative profile results over the interpreted water line(s) and electrical line(s), respectively. The signature of water lines (Figure 2) is generally typified by the strong parabolic reflections observed between 15 and 22 feet along the survey line at a depth of approximately 10 to 10.3 feet bgs. Electrical conduit (Figure 3) appeared to be a less pronounced parabolic signature throughout most of the data set and appears 5 and 10 feet along the profile at a depth of approximately 5 feet bgs.

Subsurface anomalies attributable to the presence of underground utilities were marked in the field with blaze orange pin flags and blaze green marking paint. All GPR anomalies were surveyed in with a Trimble Pro XR submeter GPS unit. Utility locations were then uploaded into CYAPCO's GIS Database.

Metal detection screening was completed with Schonstedt GA-72CD Magnetic Locator. Screening was completed along the southern and western berms of the Spoils Pile Area. The purpose of this screening was to determine the lateral extent of metallic debris observed protruding from the southwestern portion of the berm.

Survey Findings

Utility Screening. Figure 4 shows the interpreted location of subsurface utilities as defined by the results of the GPR survey. Interpreted water line locations are denoted by the label 'water 6' where the numeric designation represents feet below ground surface. Interpreted water lines generally ranged from between 5 and 11 feet bgs. Interpreted electrical lines generally ranged from 4 to 10 feet bgs.

In some areas, distinction between possible electrical lines and water lines was not certain. These locations are denoted as 'water elec 5' where the numeric designation again, represents feet below ground surface.

These results compare fairly well with a utility drawing provided by CYAPCO (see attached as Figure 5). Two primary discrepancies between the GPR findings (Figure 4) and the drawing (Figure 5) are electric and/or water supply lines running from existing Well B and TPW-2. Utility lines are shown traversing through the median area beneath piles and through the southwestern portion of the Spoils Pile Area. The electric line may parallel the bermed area rather

Mr. Gary Seckinger

May 24, 2004

Page 3

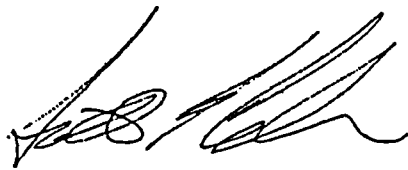
than traverse through the area. Due to denser vegetation and piles GPR data was not collected in the median area.

Metal Detection Screening Spoils Pile Area. Metal detection screening results indicate the southwest portion of the Spoil Pile Area berm contains buried metallic objects (Figure 4). Metallic objects were also observed protruding from the southwest corner of the berm. Elevated magnetic response was observed extending approximately 35-40 feet along the southern portion of the berm and approximately 25-30 feet along western portion of the berm (estimated distances from the southwest corner of the berm).

Please do not hesitate to contact me at 207.828.3545 should you have any questions or concerns.

Sincerely,

MACTEC ENGINEERING AND CONSULTING



Scott F. Calkin
Senior Geophysicist

Enclosures



Figure 1. SIR-3000 Ground-Probing Radar System Equipped with Trimble Pro XR submeter GPS.

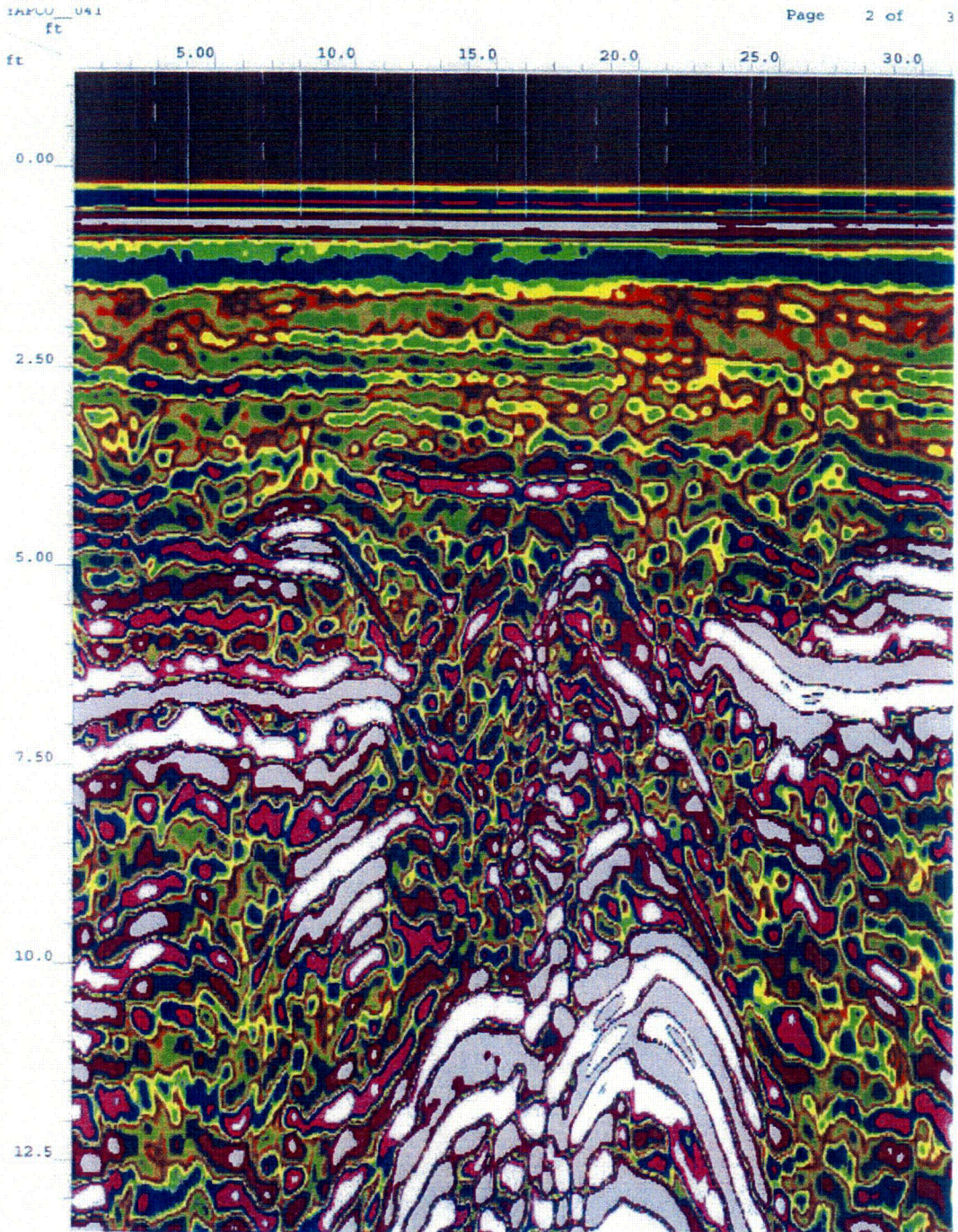


Figure 2. Representative GPR Profile over interpreted water supply lines. Note two parabolic features located between 15 and 22 feet along the survey line at a depth of approximately 10 to 10.3 feet bgs (bottom portion of the radar record).

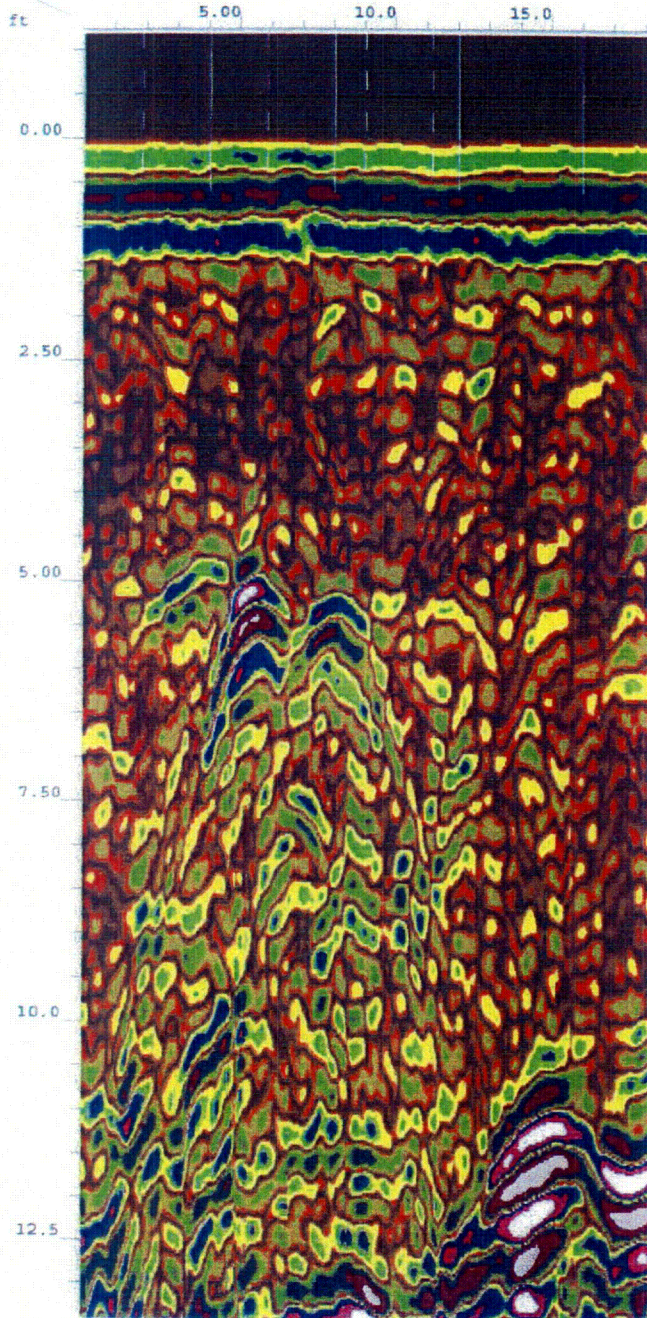
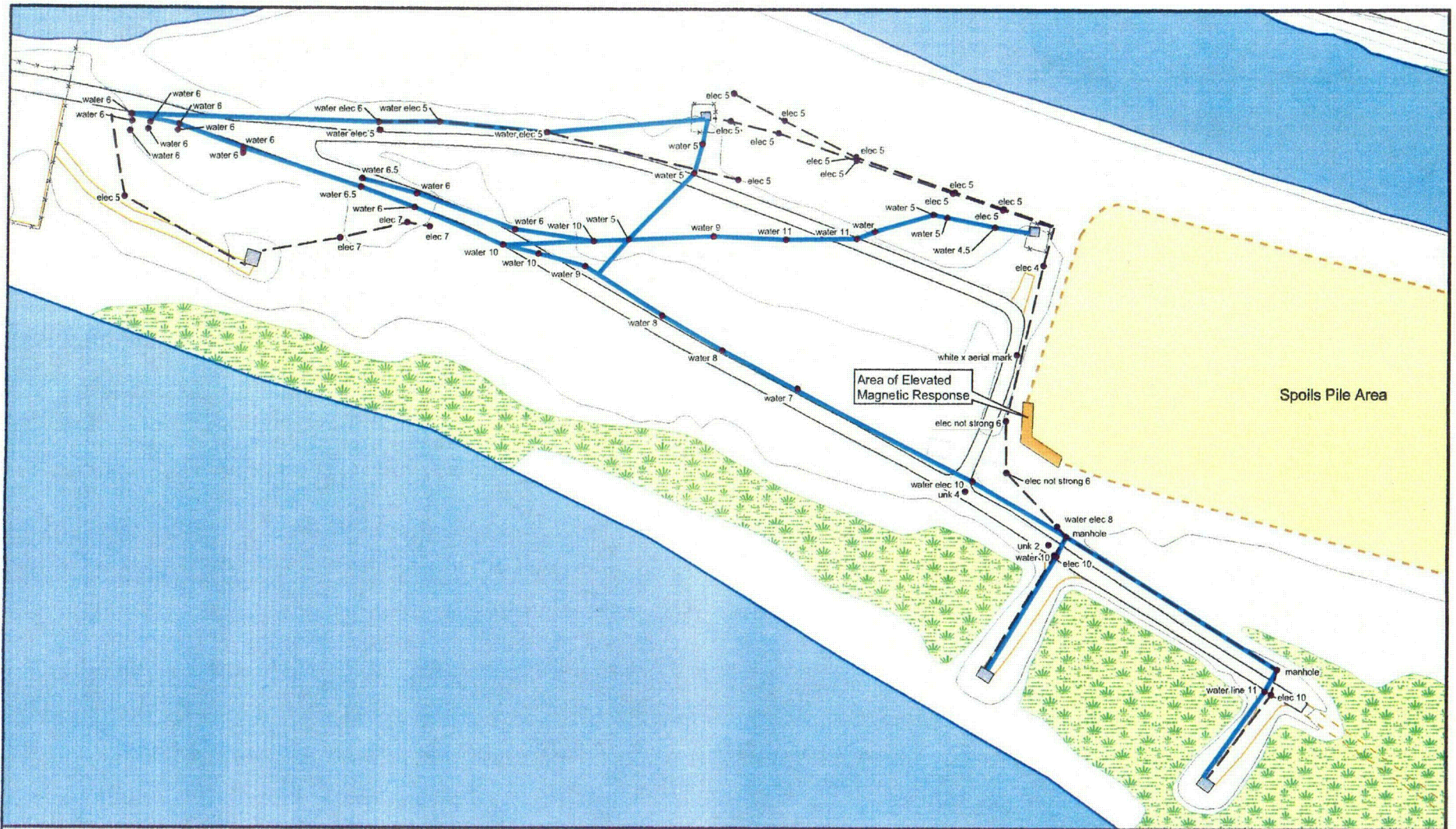


Figure 3. Representative GPR profile over interpreted two electrical lines in conduit. Note parabolic features located between 5 and 10 feet along the profile at a depth of approximately 5 feet bgs (middle portion of GPR record).



Legend







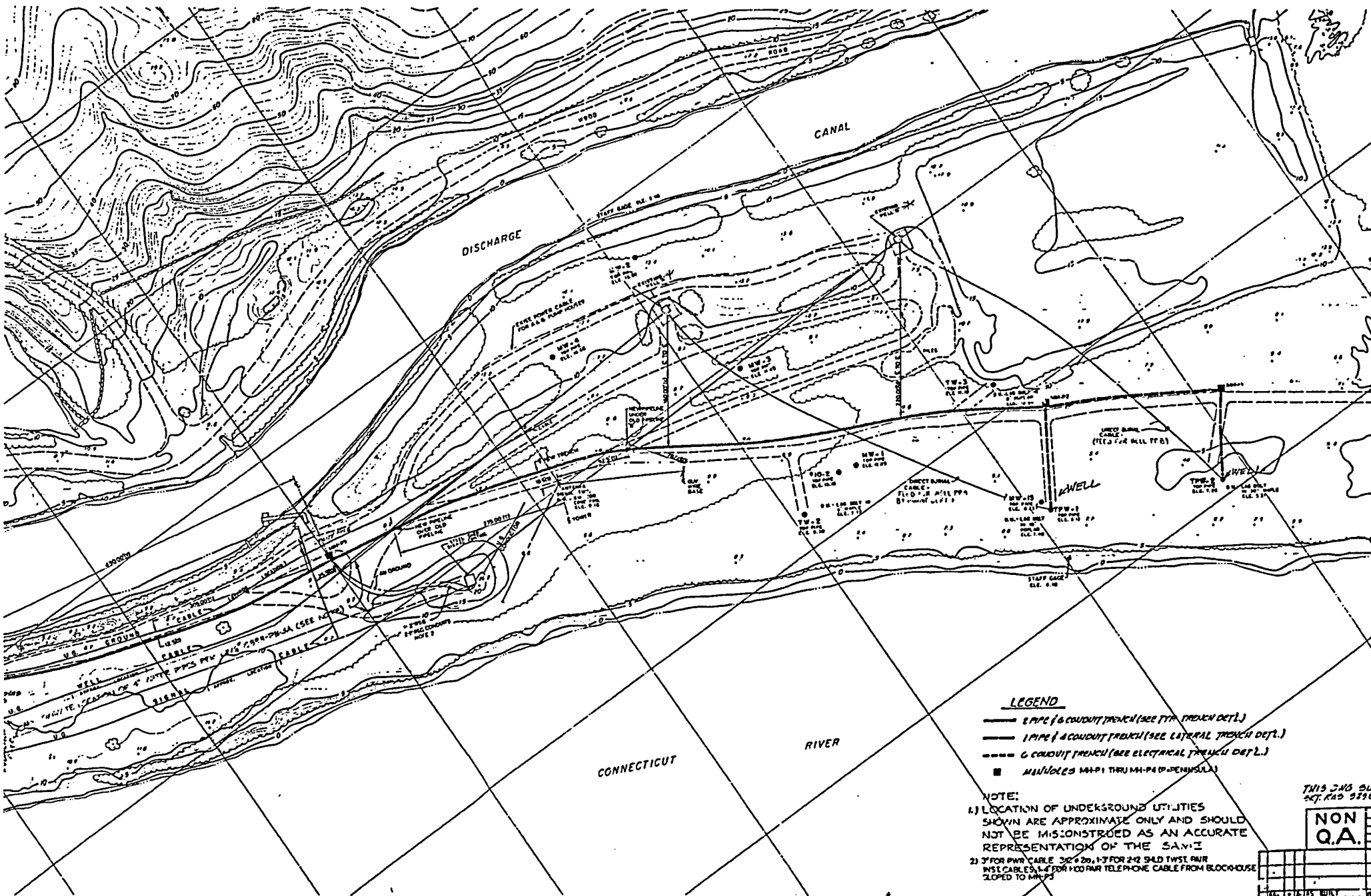
-  Existing Buildings
-  Former Buildings
-  Wetland (Approx) from basemap provided by CYAPCO
-  AOC 13 Utility Locations (GPR)
-  AOC 13 Interpreted Electrical Lines (GPR)
-  AOC 13 Interpreted Water Lines (GPR)

Figure 4
Location of Interpreted Water and Electric Utility Lines
Geophysical Survey AOC 13

Final Status Survey Support
CYAPCO, Haddam Neck Plant
Haddam, Connecticut

MACTEC, Inc.



LEGEND

- 2 PIPE (6 CONDUIT TRENCH (SEE TYP. TRENCH DET.))
- 1 PIPE (6 CONDUIT TRENCH (SEE LATERAL TRENCH DET.))
- - - 6 CONDUIT TRENCH (SEE ELECTRICAL TRENCH DET.)
- MANHOLES MW-1 THRU MW-15 (PAPENHILL)

NOTE:
 1) LOCATION OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE ONLY AND SHOULD NOT BE MISCONSTRUED AS AN ACCURATE REPRESENTATION OF THE SAME
 2) 3" FOR PWR CABLE 3/2 # 20, 1" FOR 2-2 3/4" TWIST PAIR TWST CABLE 25, 1/4" FOR 100 PAIR TELEPHONE CABLE FROM BLOCK-HOUSE SLOPED TO MW-15

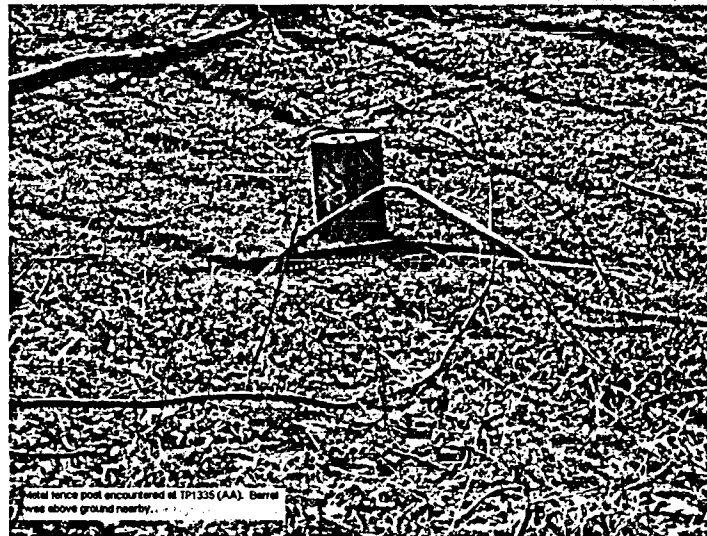
TW13 2413 BU
 DET. RAD 2198

**NON
 Q.A.**

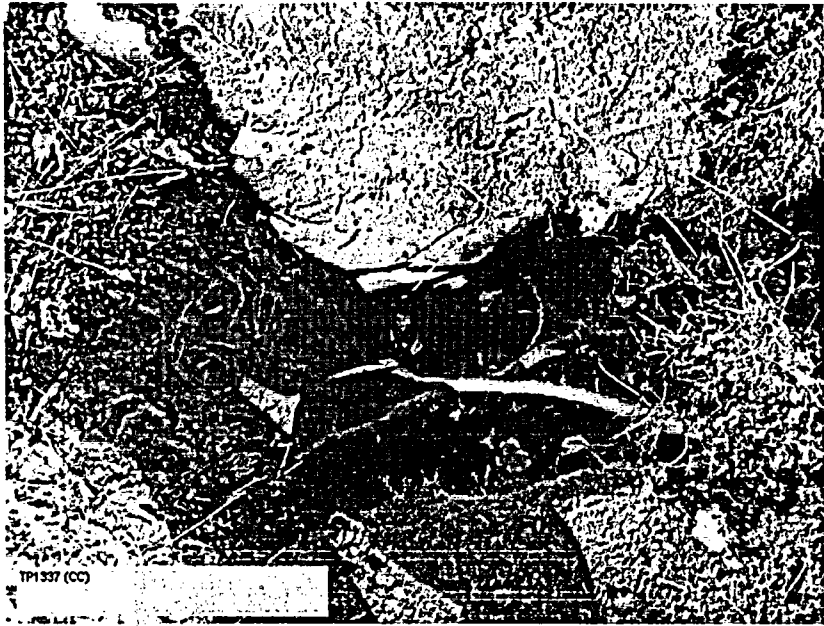
APPENDIX D – TEST PIT PHOTOGRAPHS



TP1335-1 (AA)



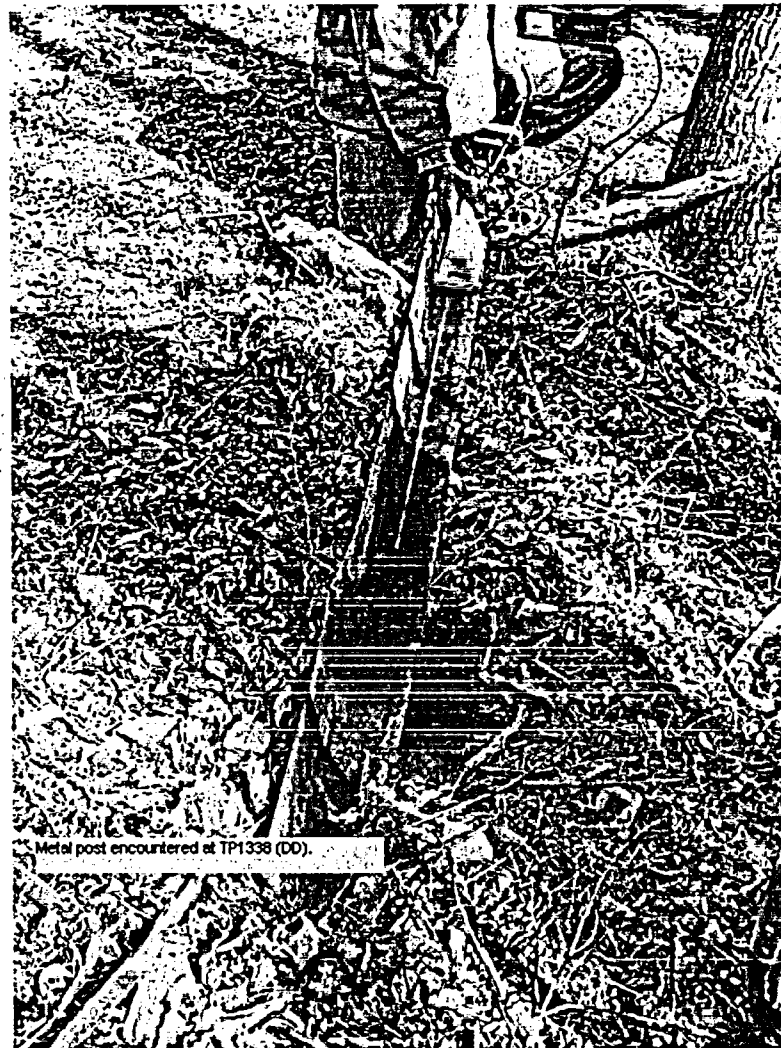
TP 1335-2 (AA)



TP1337



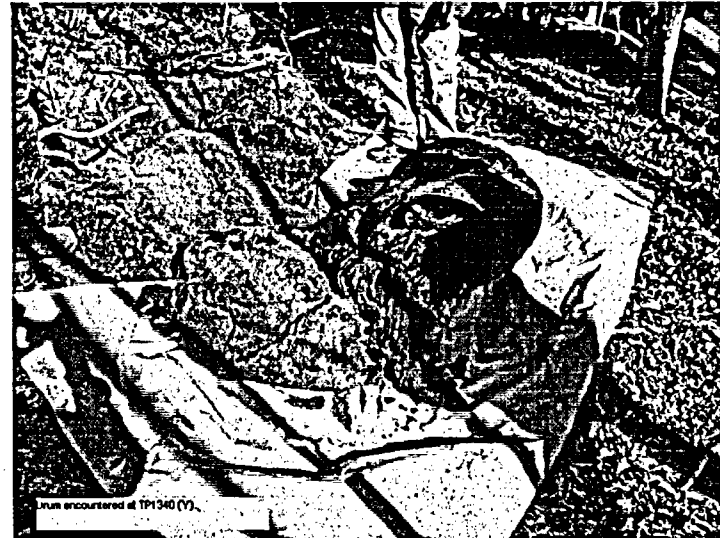
TP1338-1



TP1338-2



TP1340-1



TP1340-2



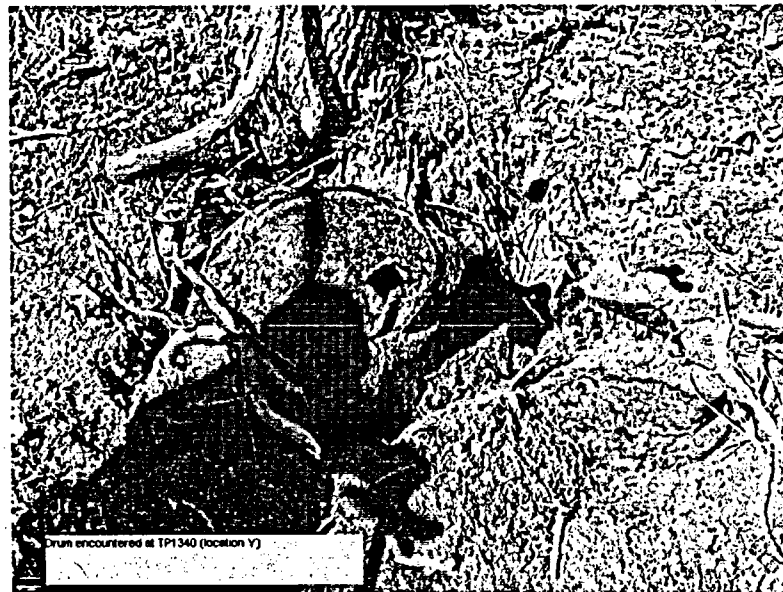
TP1340-3



TP1340-5



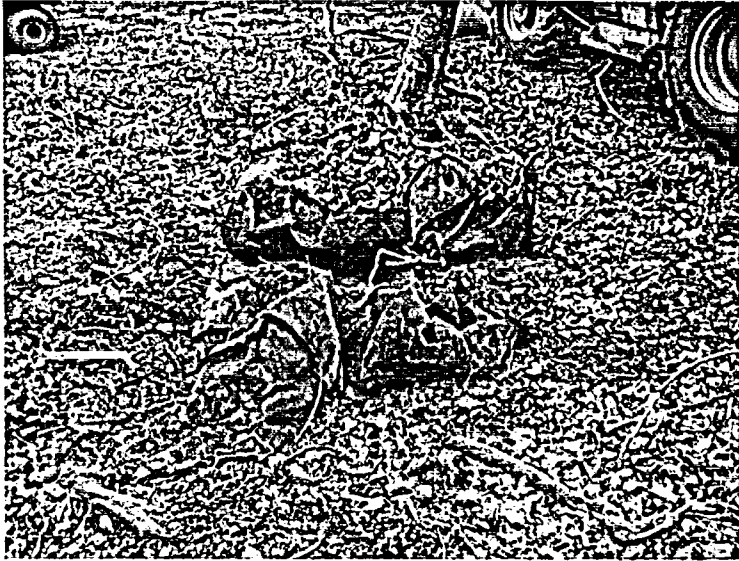
TP1340-5



TP1340-6



TP1340-7



TP1341-1



TP1342-2



TP1342-3



TP1342-4



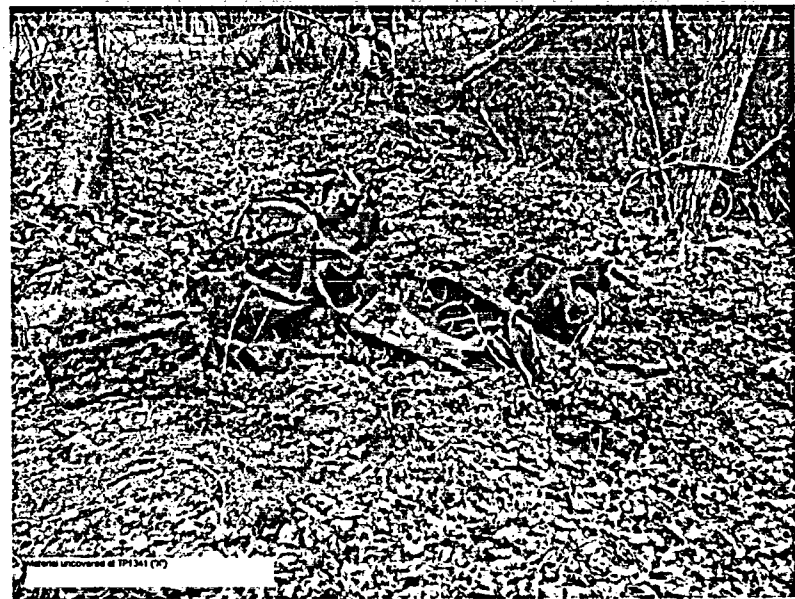
TP1342-5



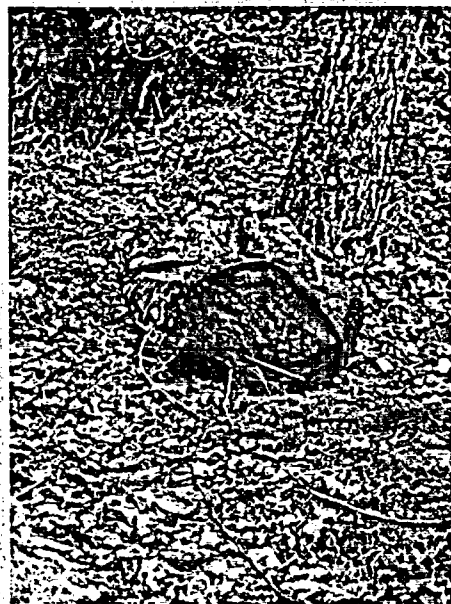
TP-1342-6



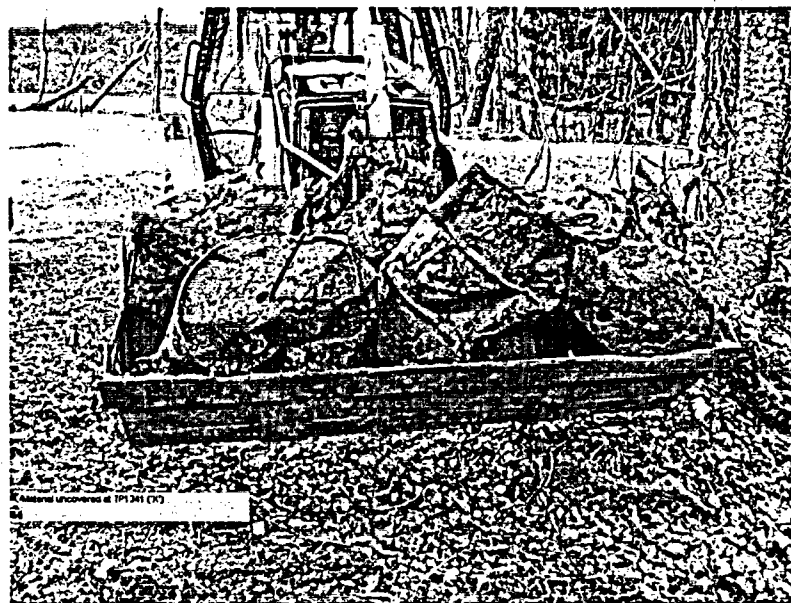
TP1342-7



TP1342-8



TP-1342-9



TP1342-10



TP-1342-11



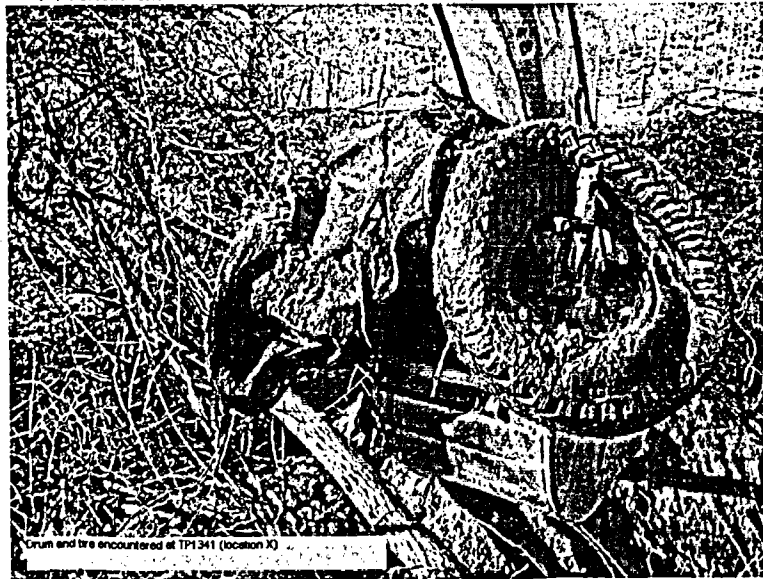
TP1342-12



TP1341-13



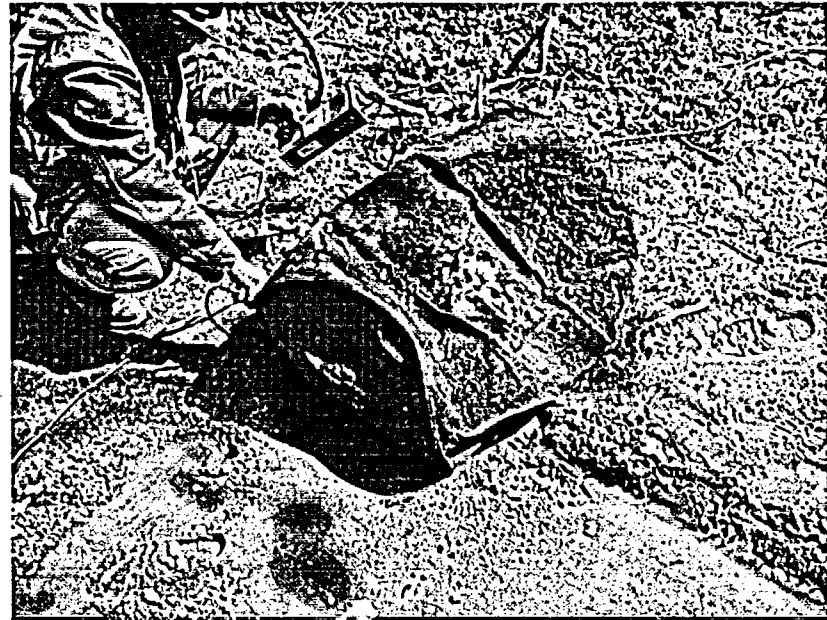
TP1341-14



TP1341-15



TP-1342-1



TP1342-2 Surface Drum



TP-1342-3



TP1344-1



TP1344-3



TP1344-2



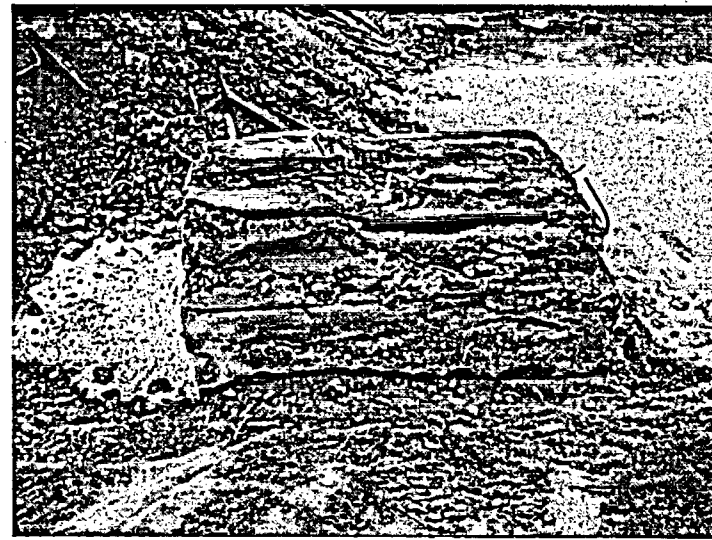
TP1345-1



TP1345-2



TP1345-3



TP1345-4

C



TP1347-1



TP1347-2



TP1347-3

C



Material Uncovered at TP1348 (CQ)

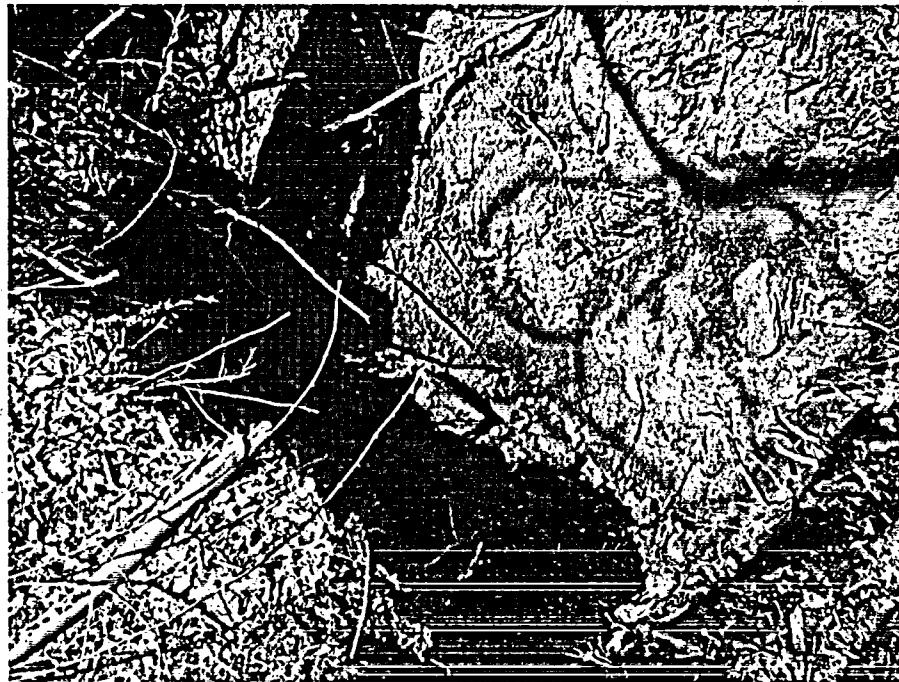
TP1348-1



TP1348-2

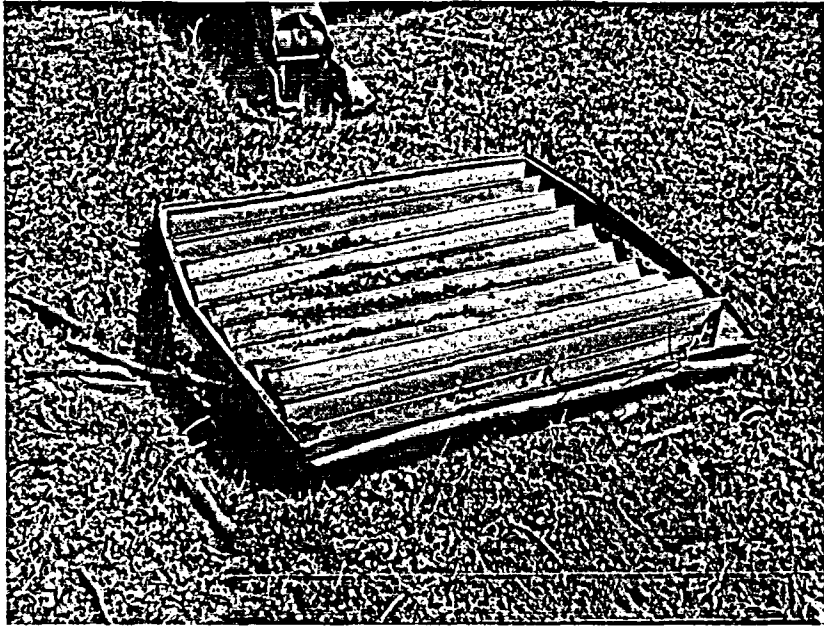


TP1350-1

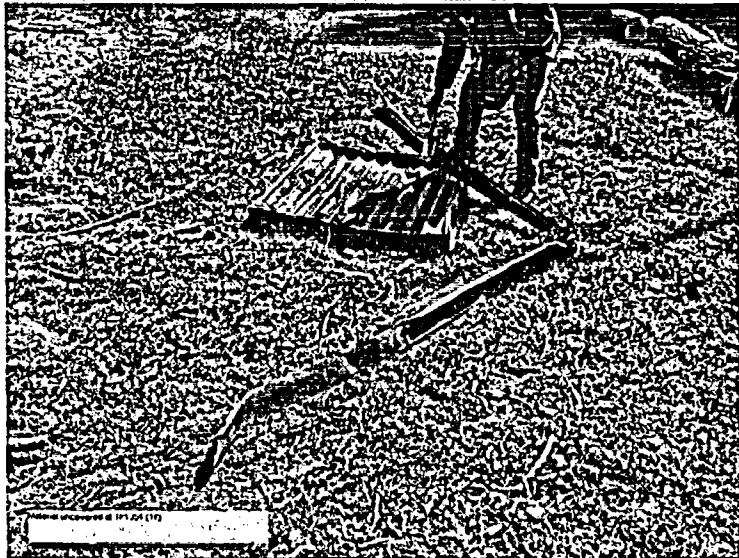


TP1350-2

C



TP1351-1

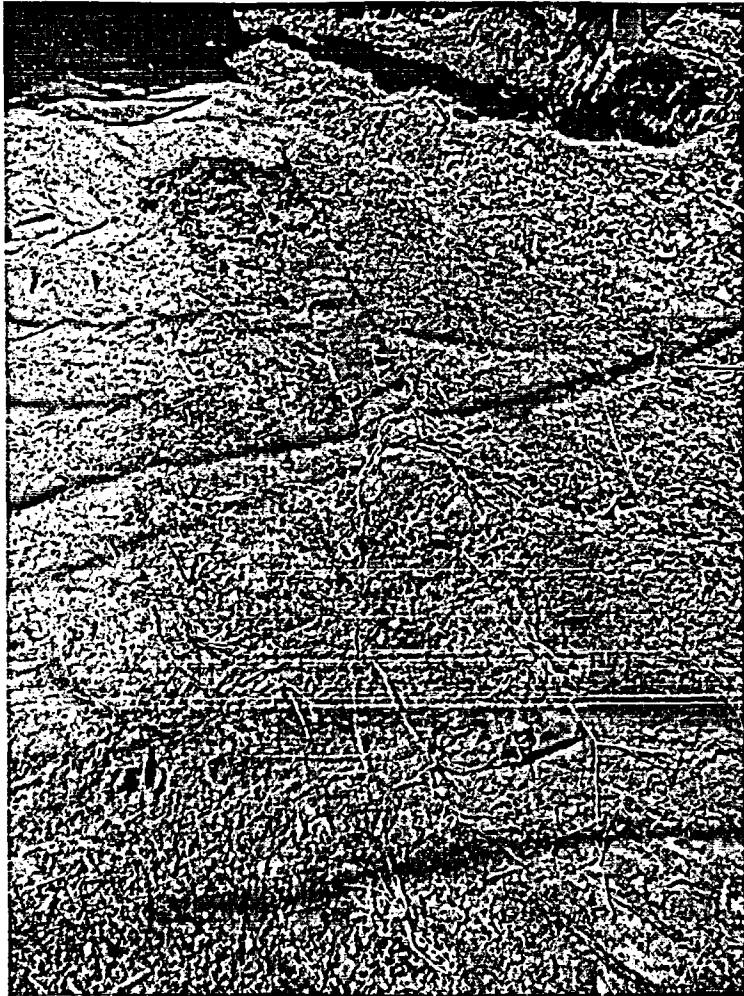


TP1351-3

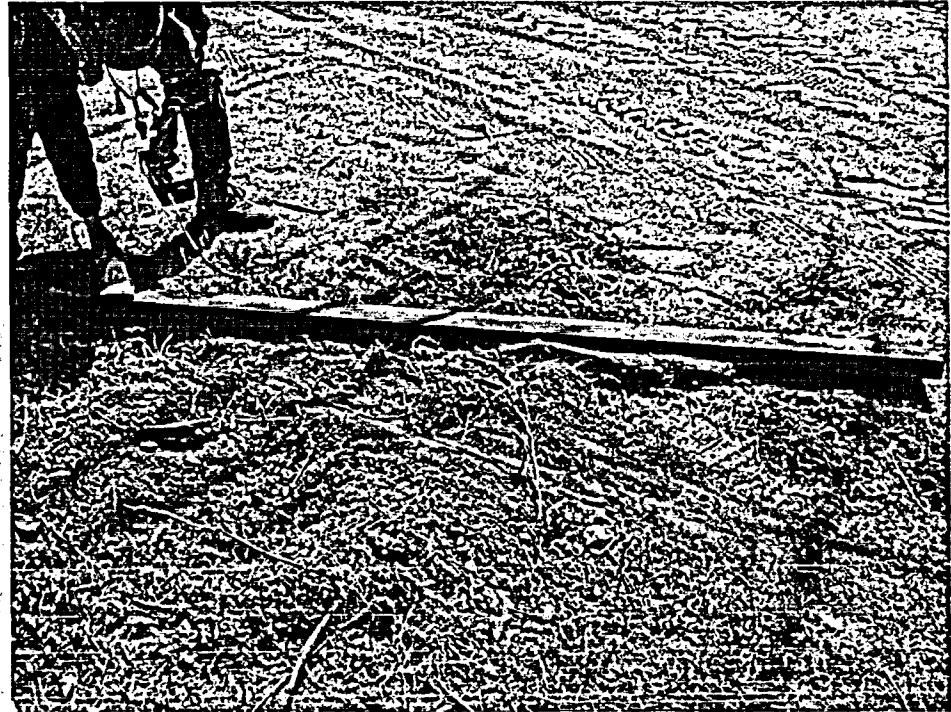


TP1351-2

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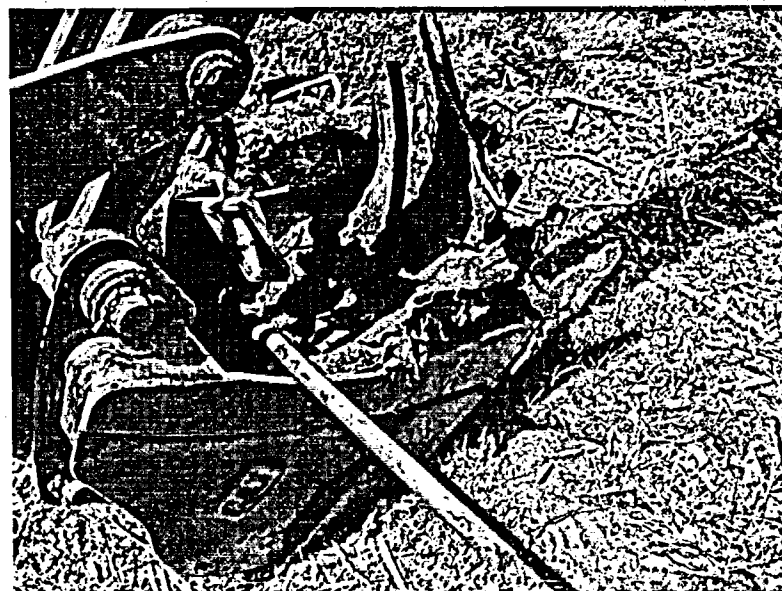
TP1352-1



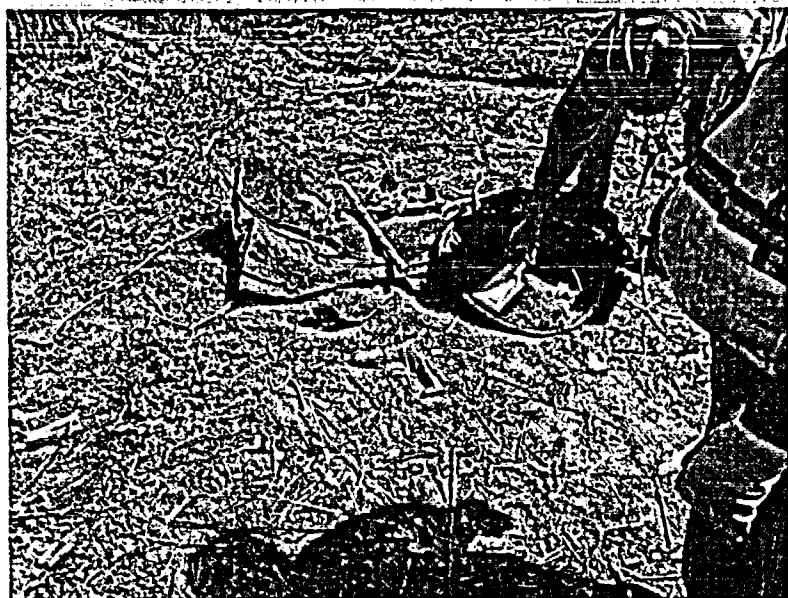
TP1352-2



TP1353-1



TP1353-2



TP1353-4



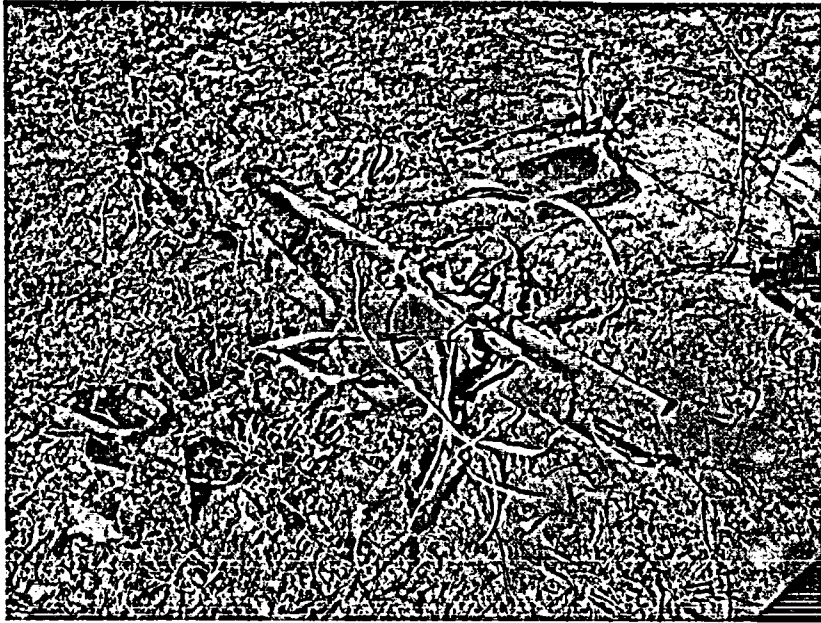
TP1353-4



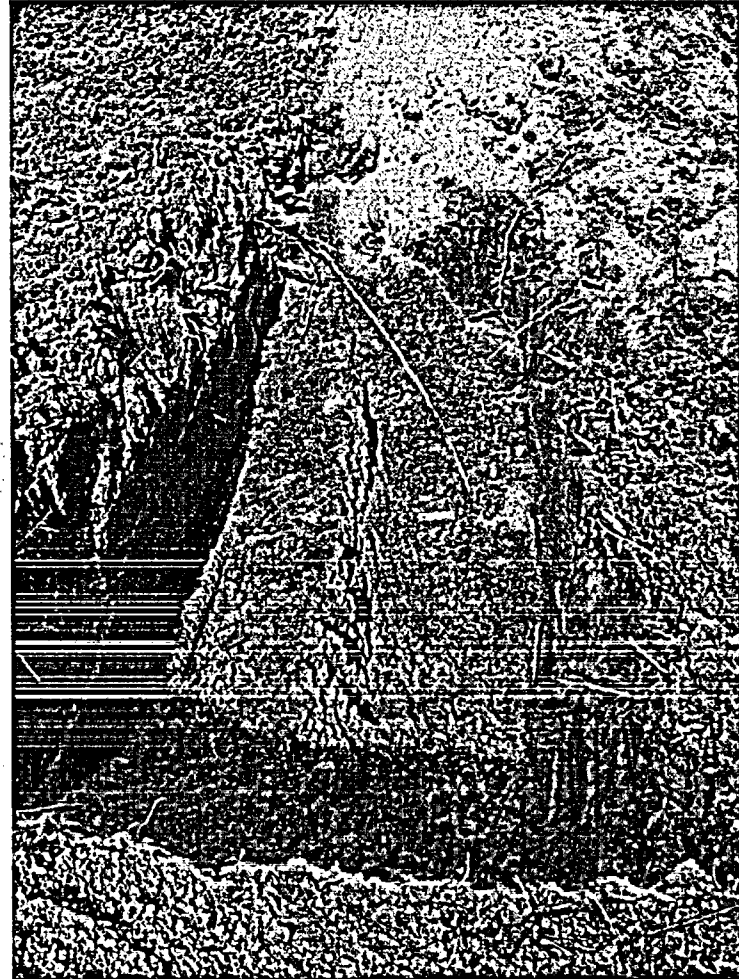
TP1353-5



TP1354-1



TP1355-1



TP1355-2

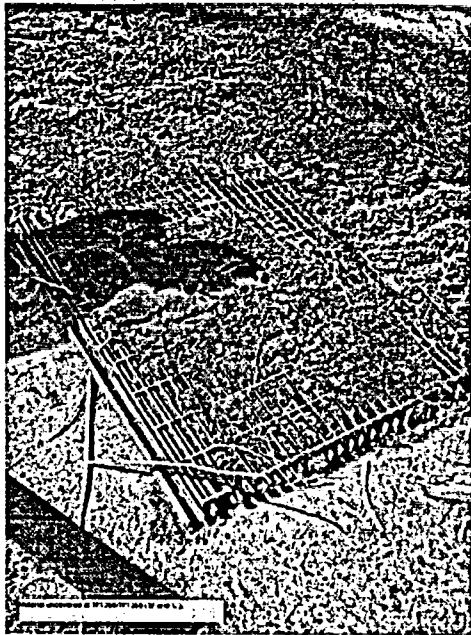


TP1356-1

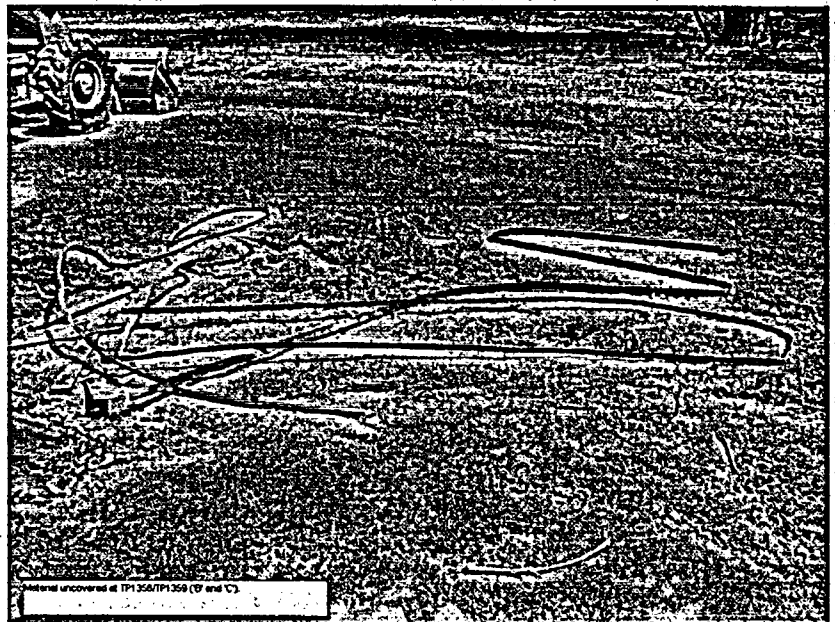


TP1356-2

C



TP1358/91



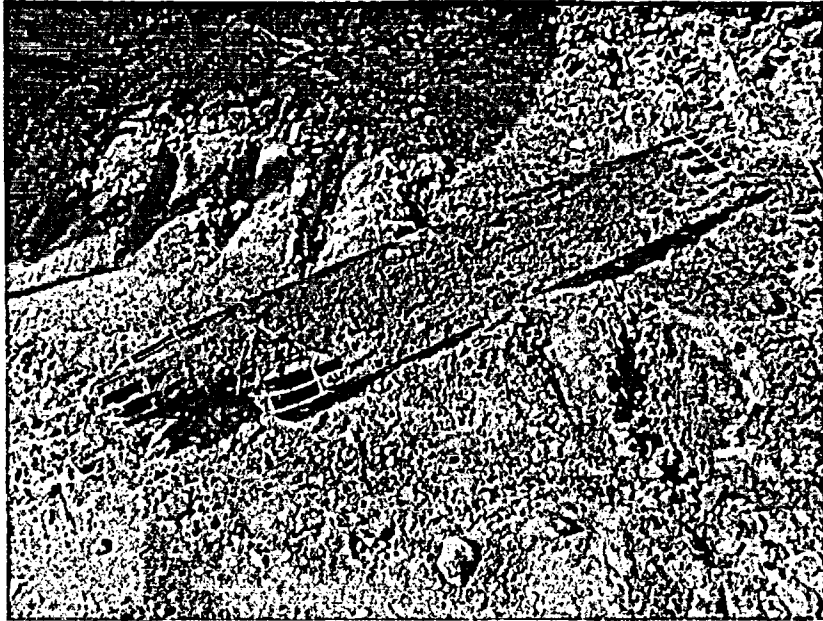
TP1358/9-2



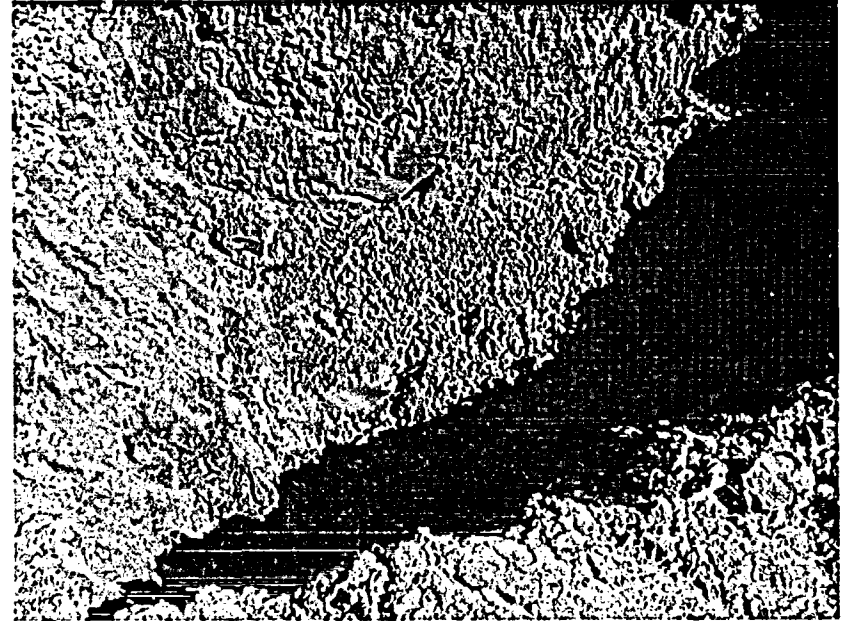
TP1358/9-3



TP1358/9-



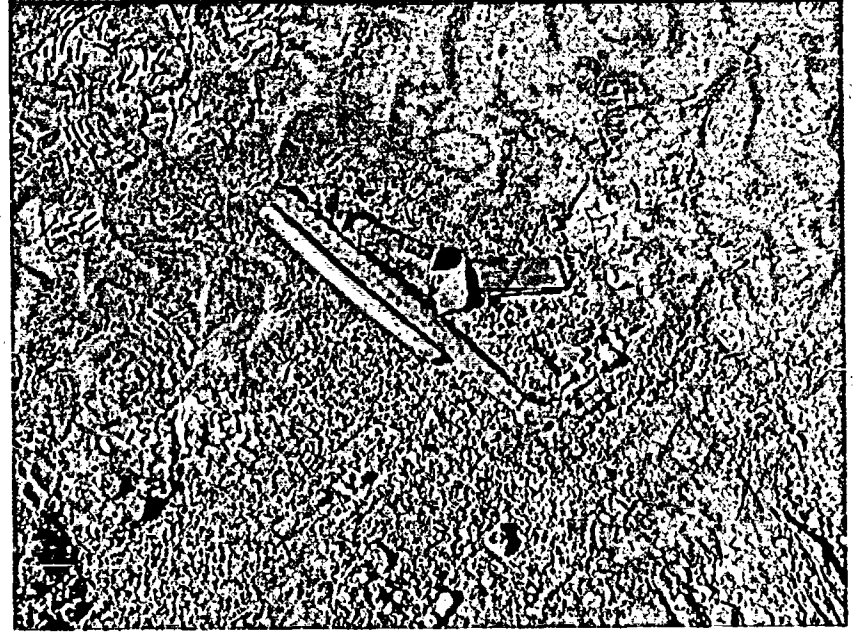
TP1360-1



TP1360-2



TP1361-1

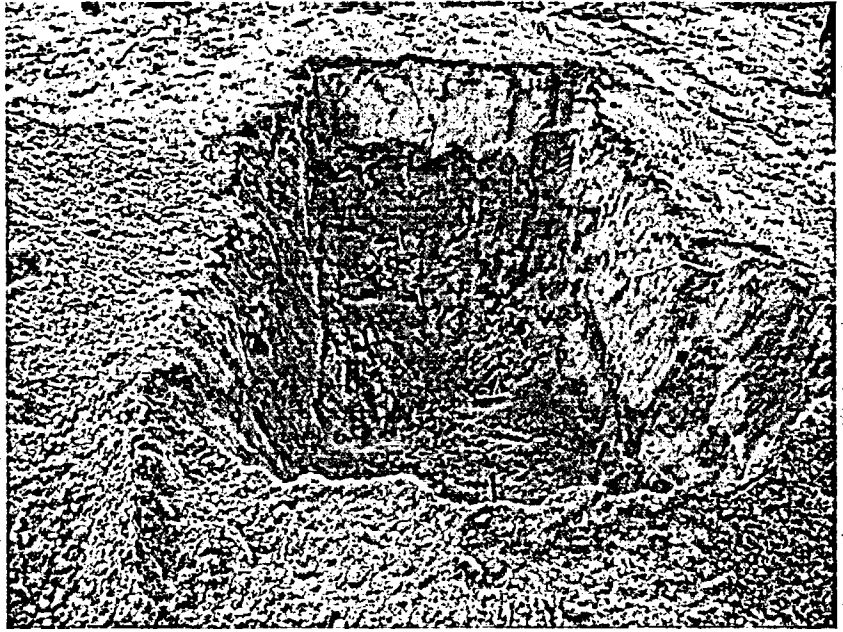


TP1361-2

C



TP1365-1



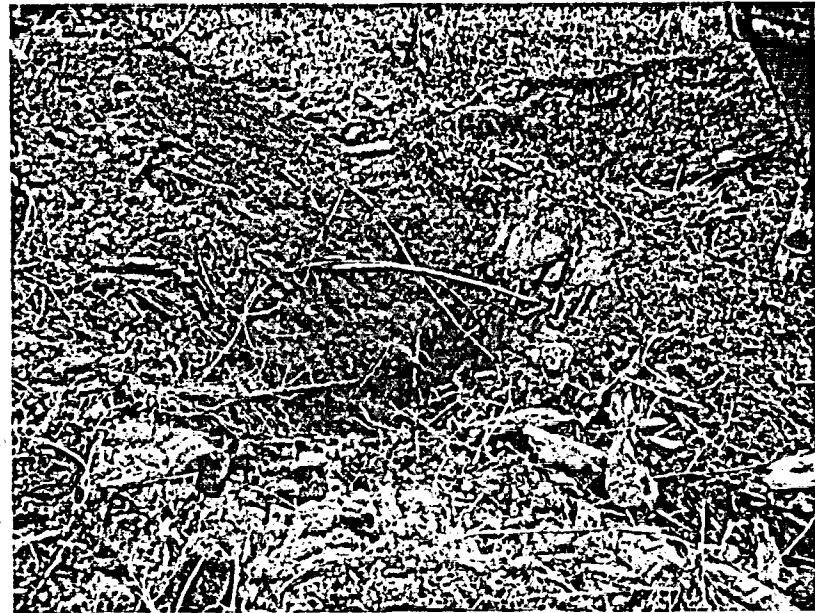
TP1365-2



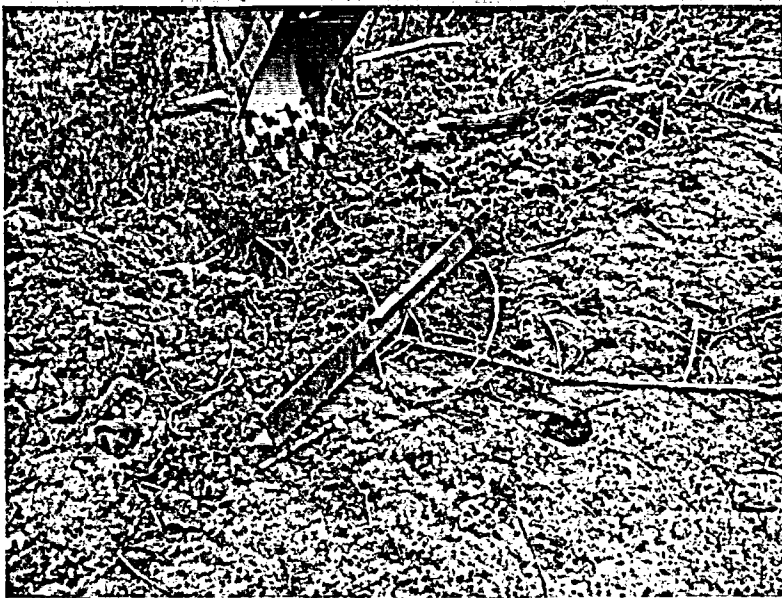
TP1365-3



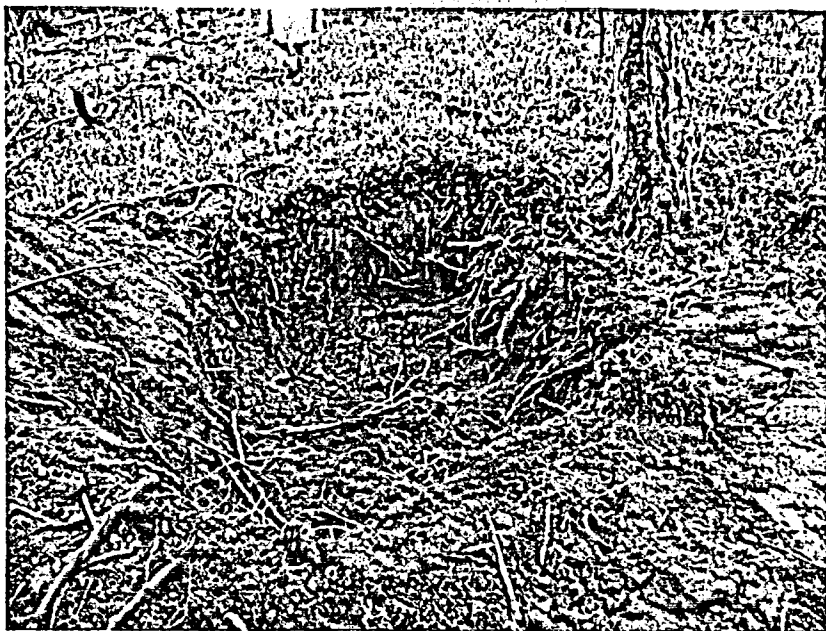
TP1366-1



TP1366-2



TP1366-3



TP1367-1



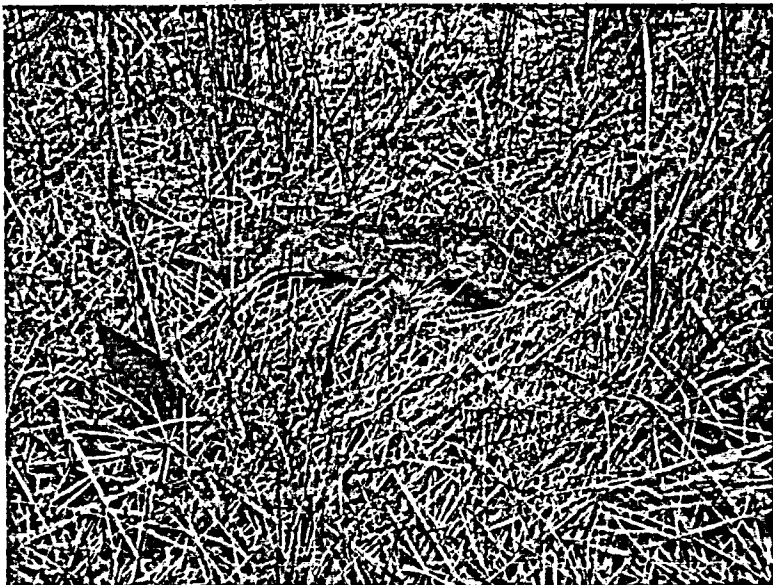
TP1367-2 Metal Strapping



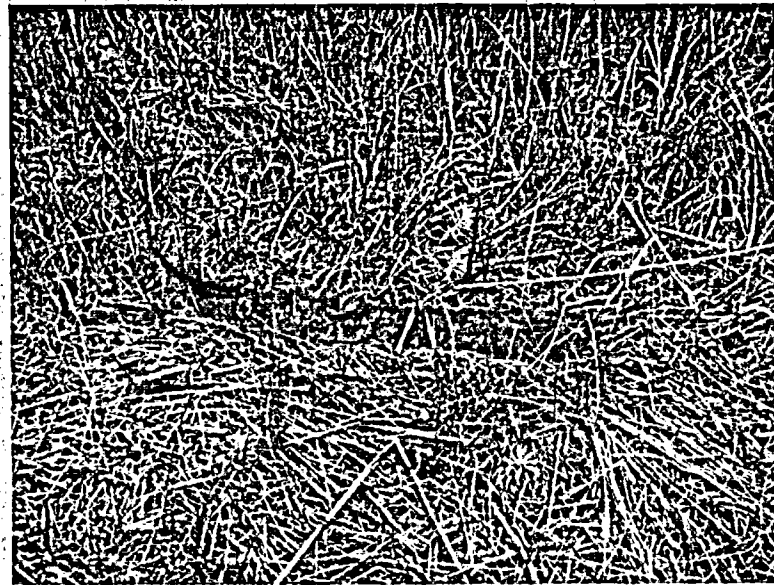
TP1369-1



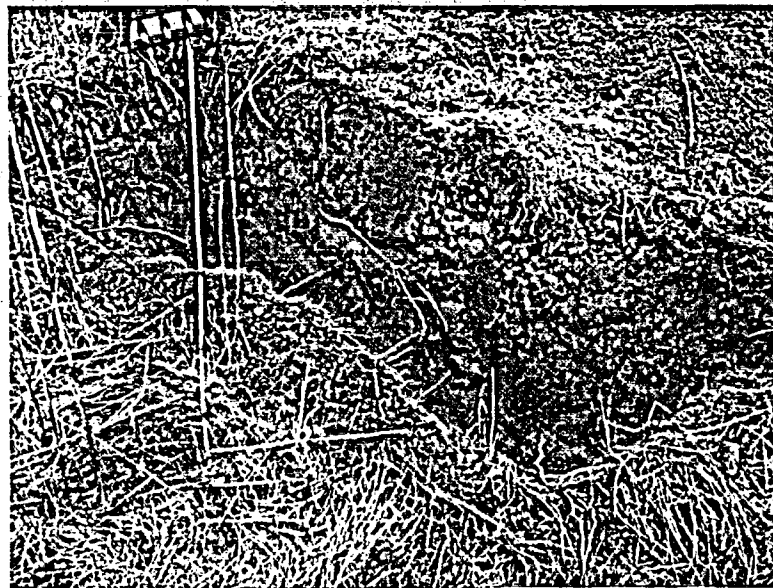
TP1369-2 Wire Mesh



TP1371-1



TP1371-2



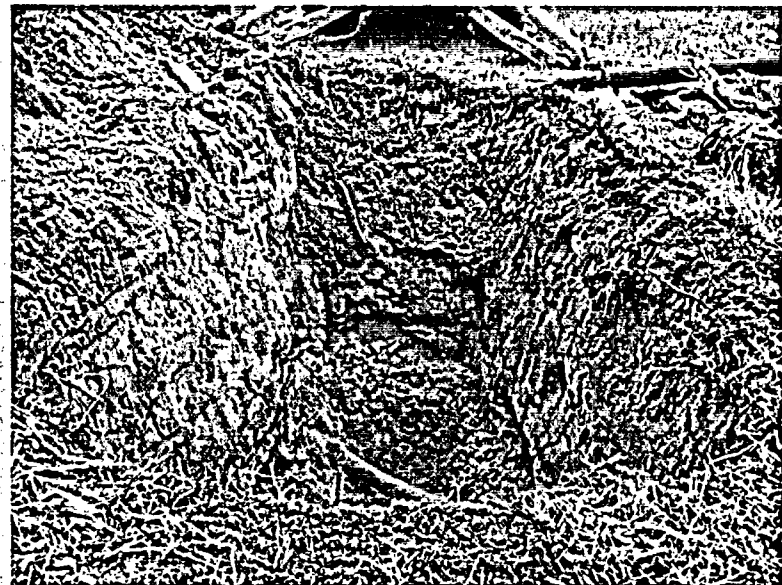
TP1371-3



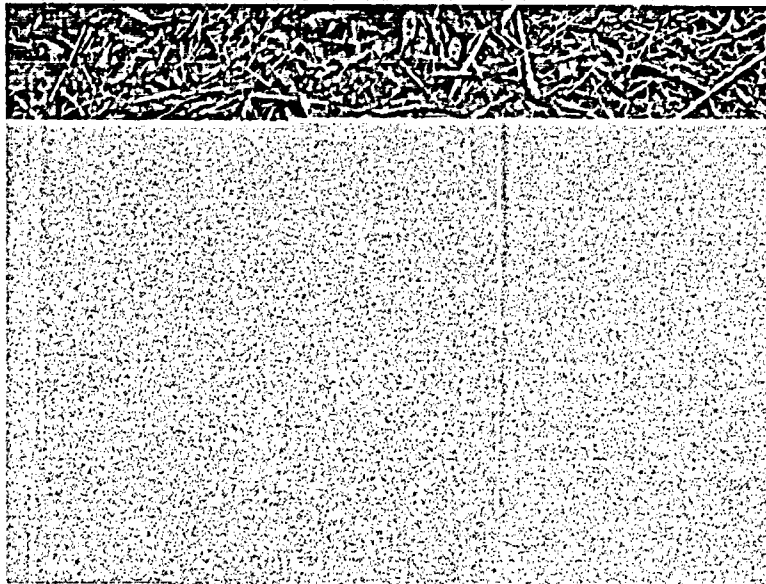
TP1371-4



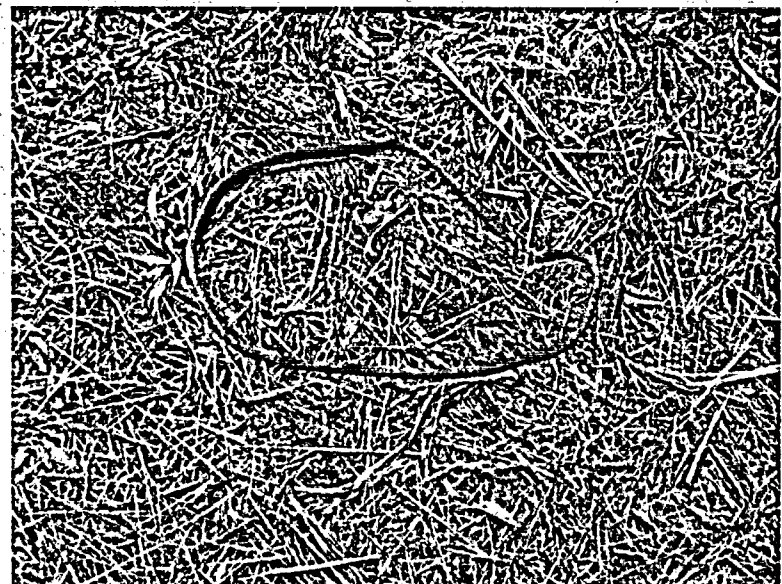
TP1372-1



TP1372-2



TP1372-3



TP1372-4



1373-1



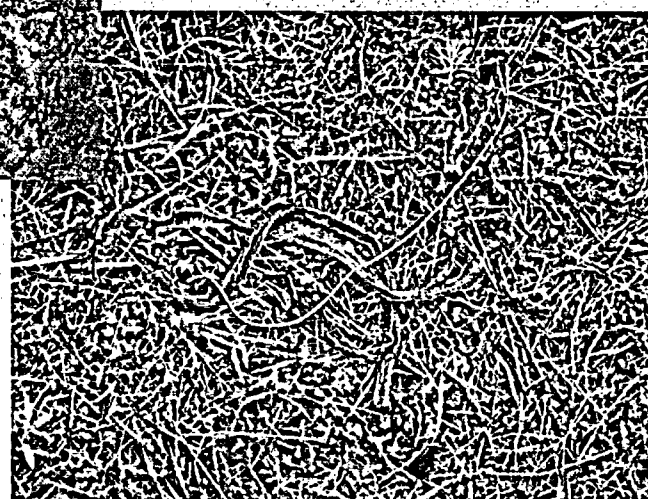
1373-2



1373-4



1373-3



1373-5



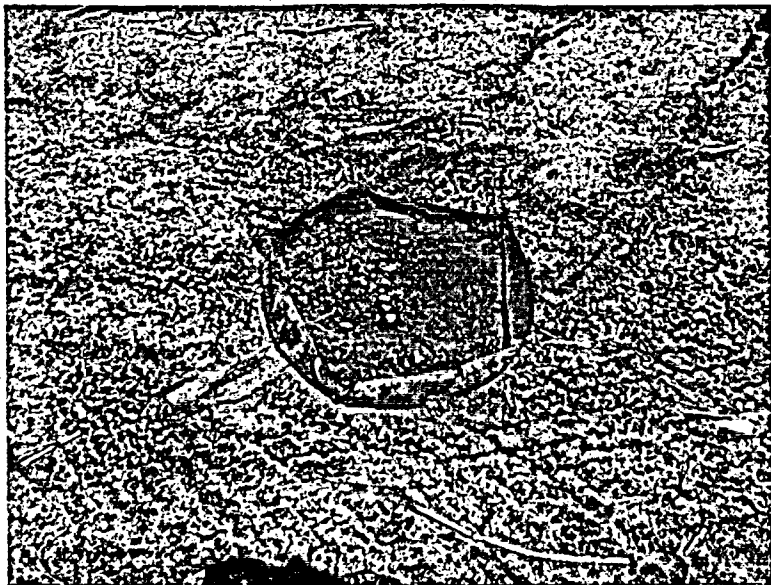
1374-1



1374-2



1374-3



1375-1



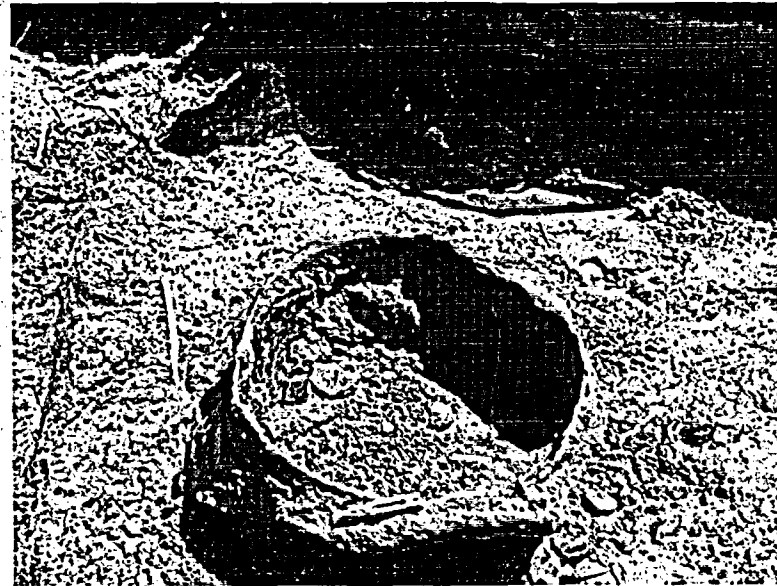
1375-2



1375-3



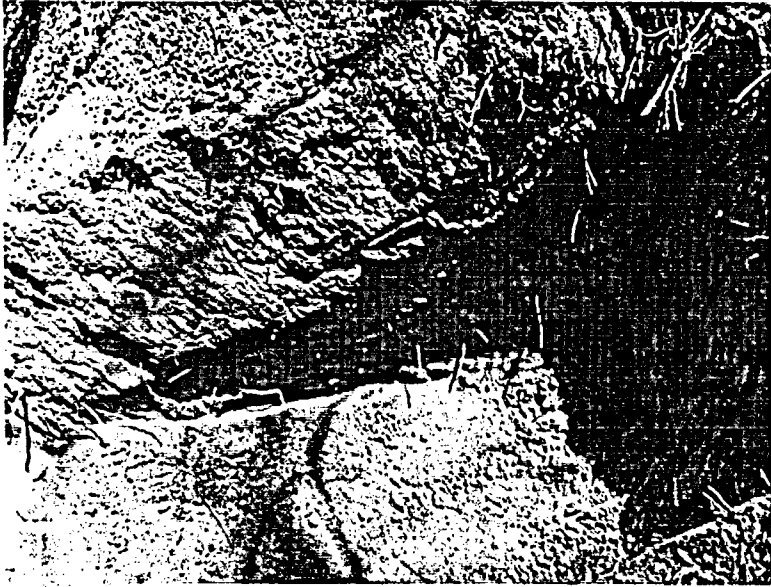
TP1376-1



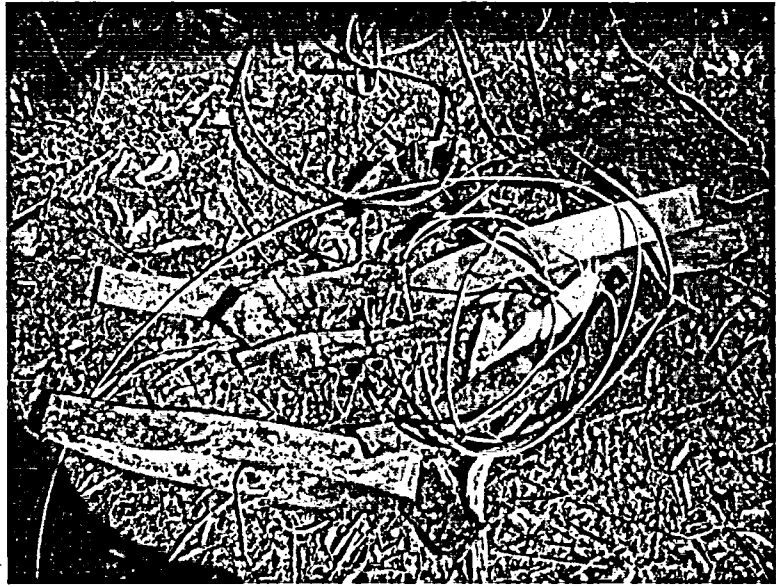
TP1376-2



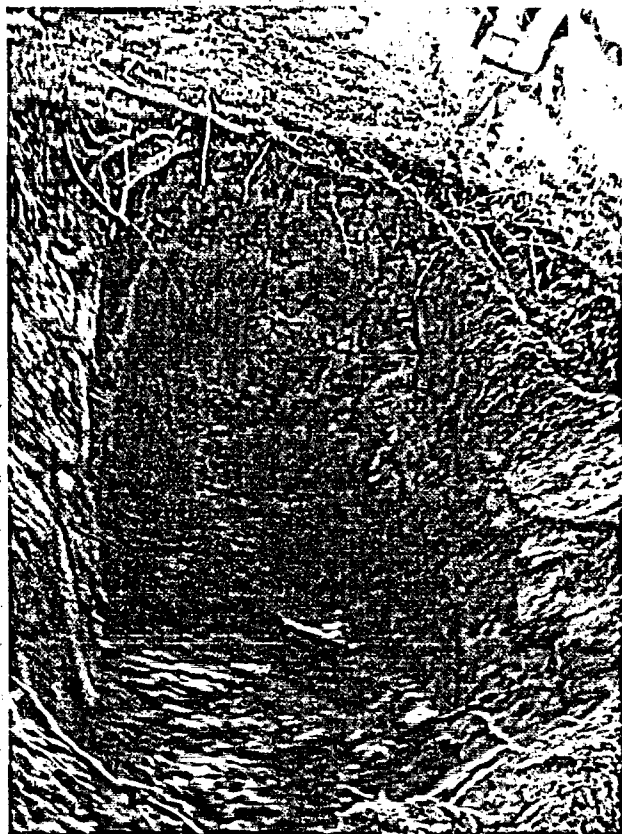
TP1376-3



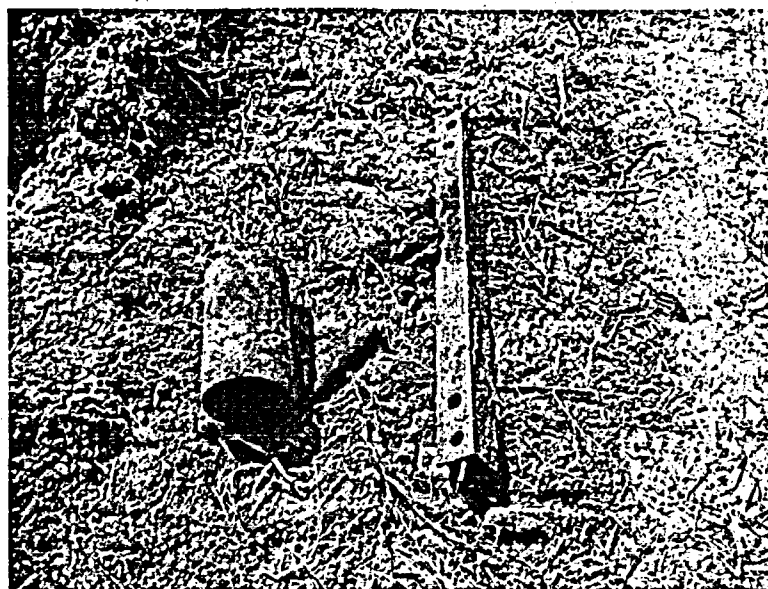
TP1378-1



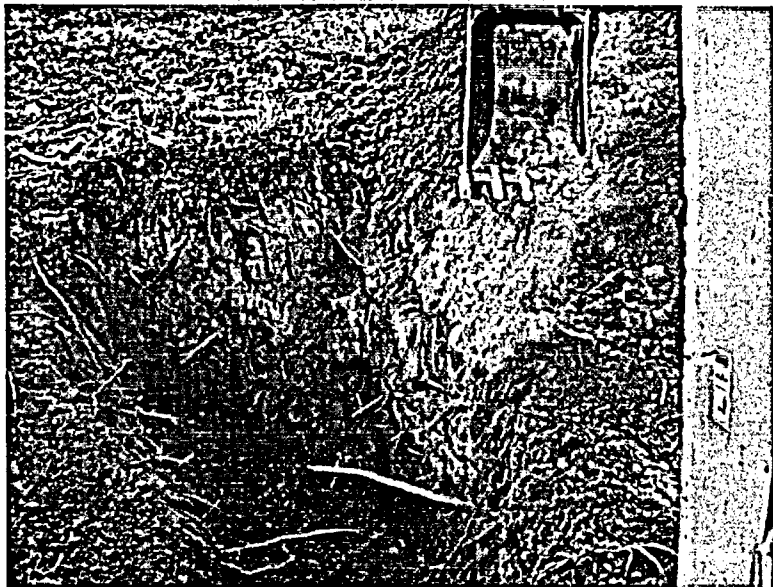
TP1378-2



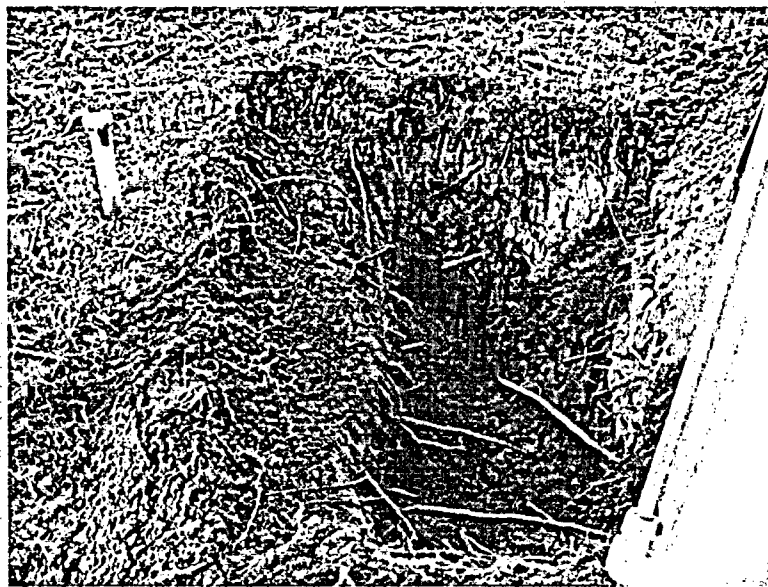
TP1379-1



TP1379-2



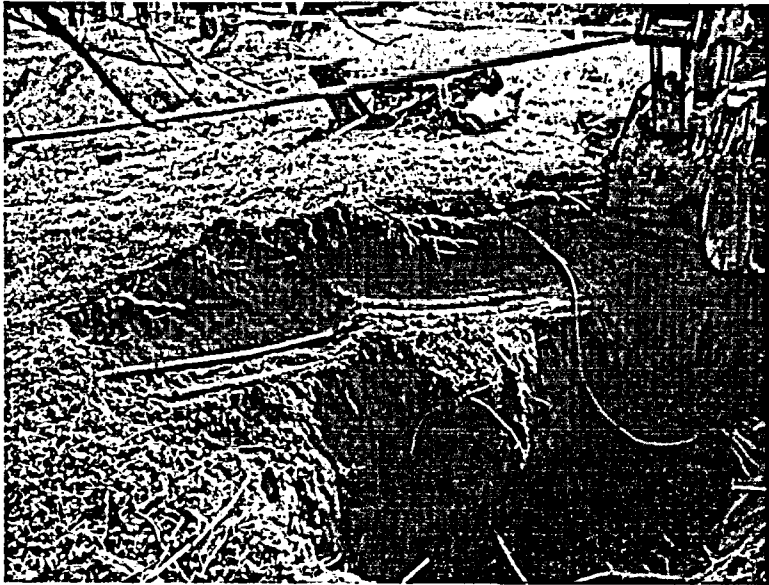
TP1380-1



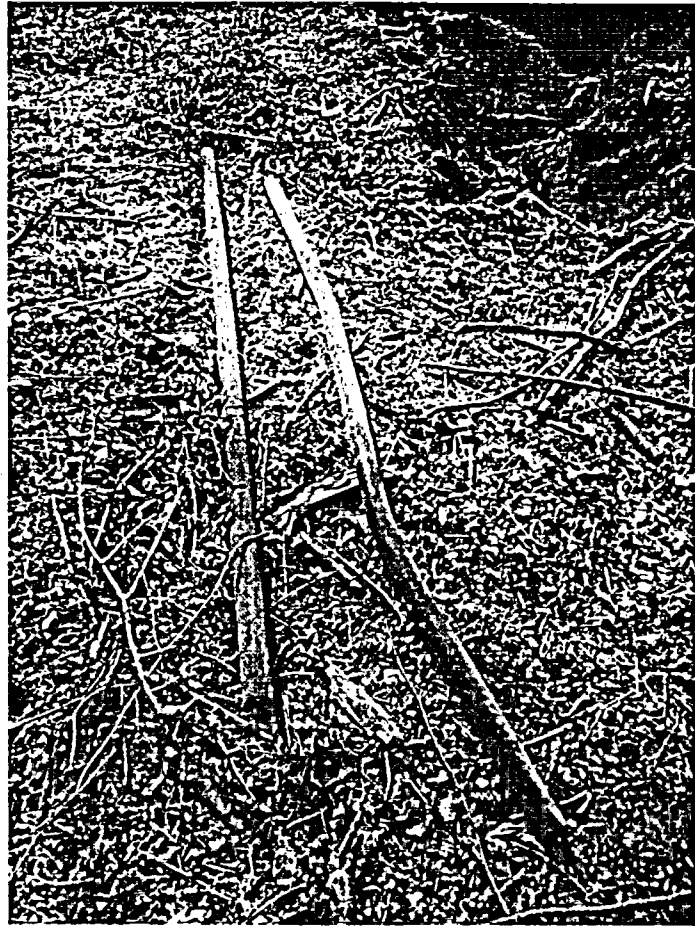
TP1380-2



TP1380-3



TP1381-1



TP1381-2



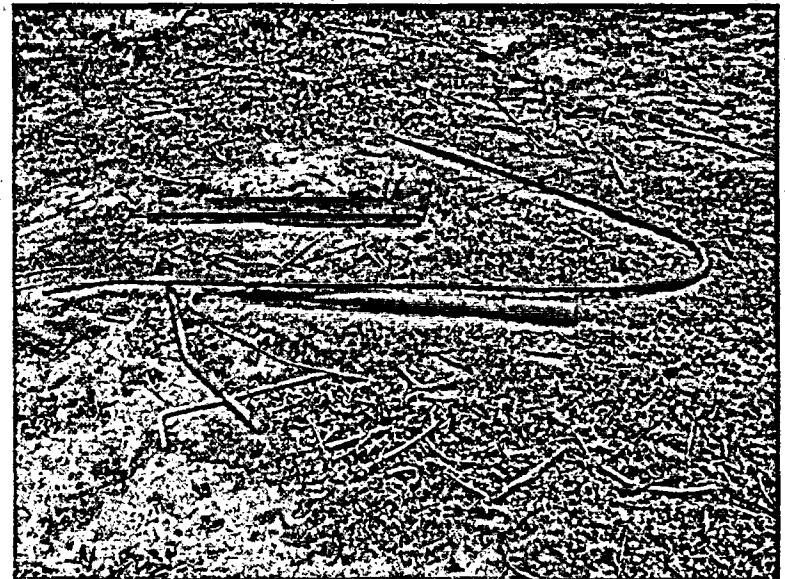
TP1382-1



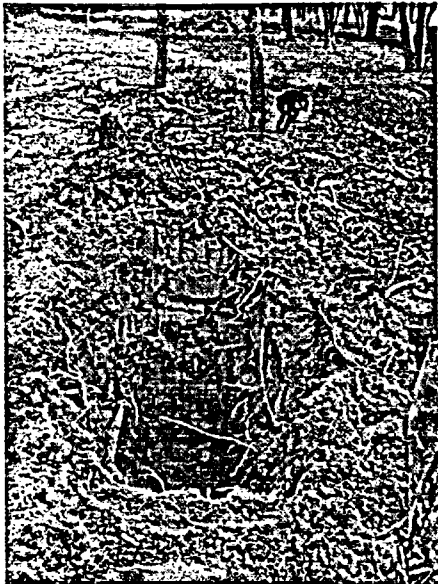
TP1382-2



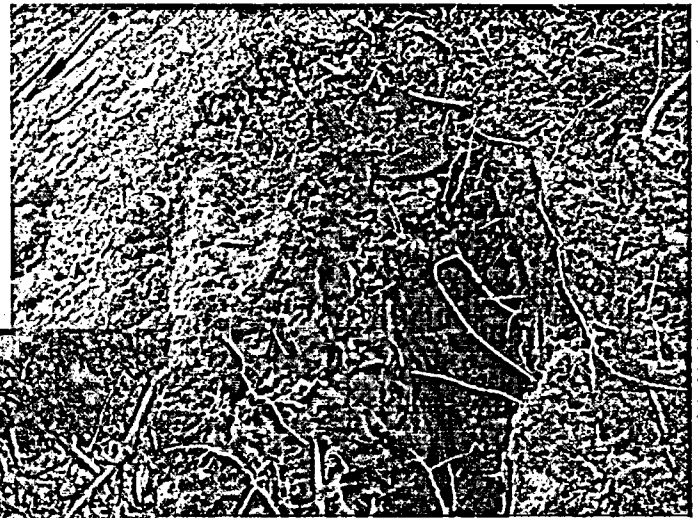
TP1382-3



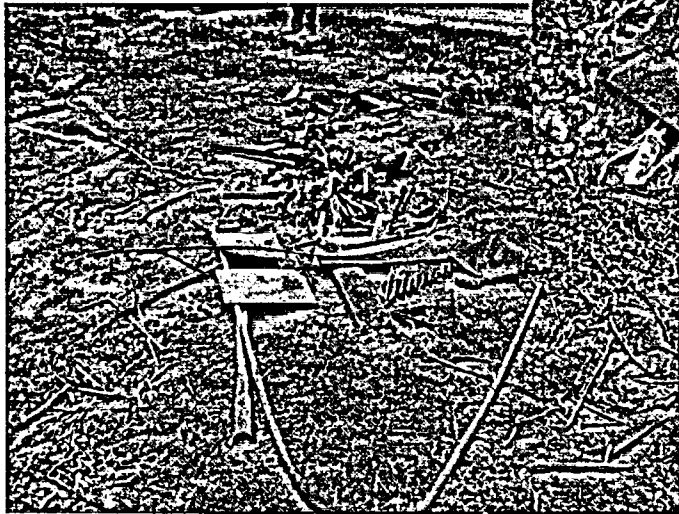
TP1382-4



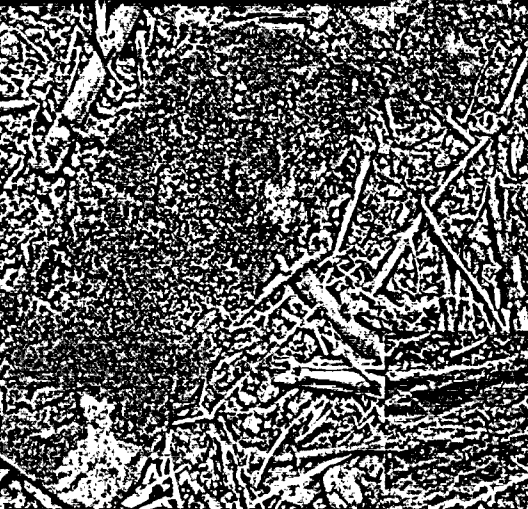
TP1383-1



TP1383-2



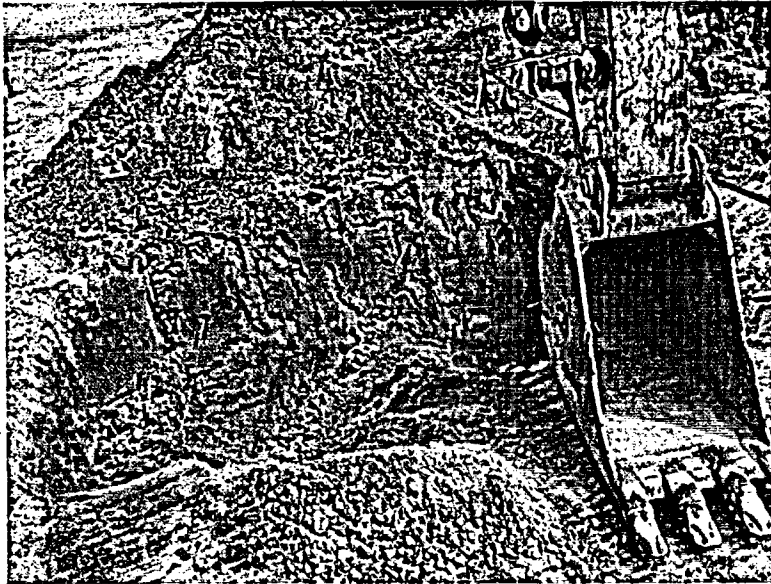
TP1383-4



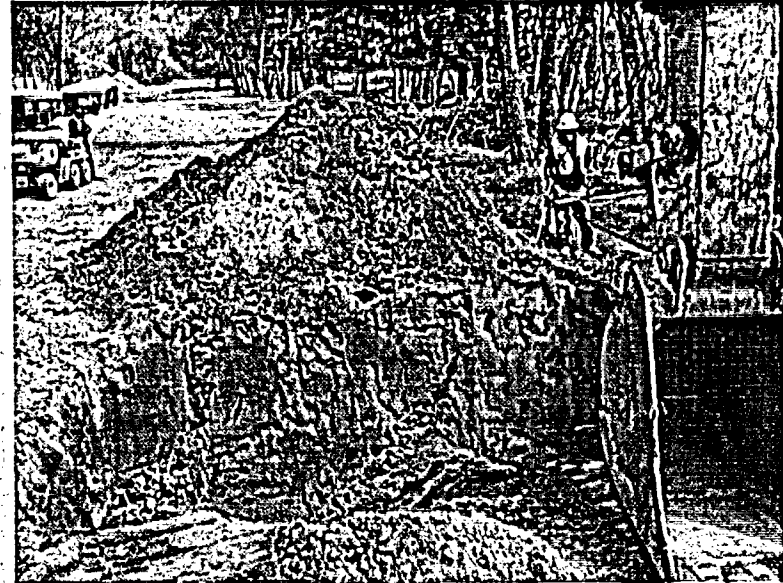
TP1383-3



TP1383-5



TP1384-1



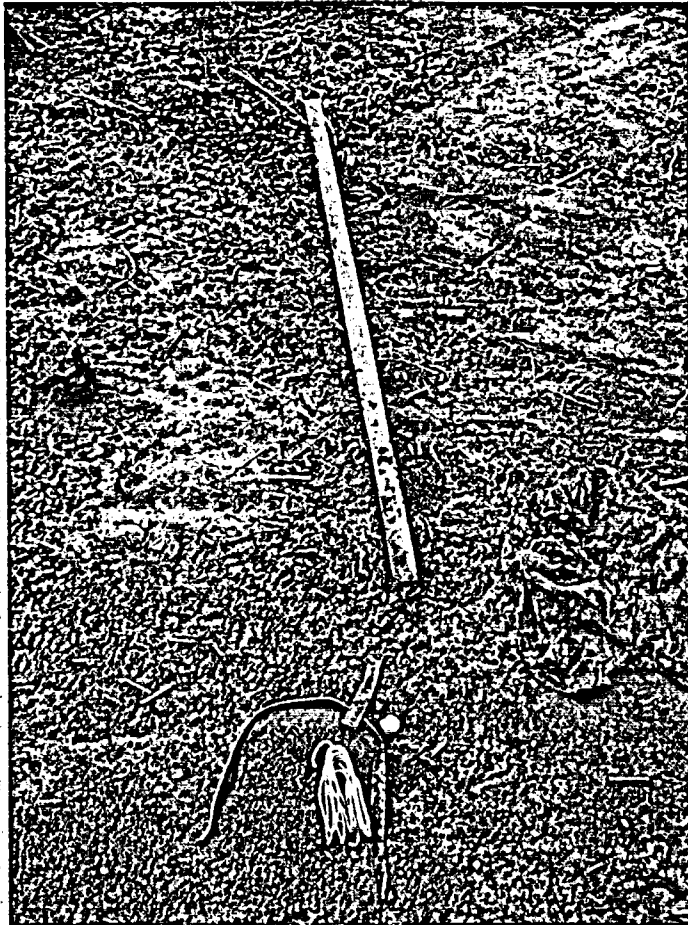
TP1384-2



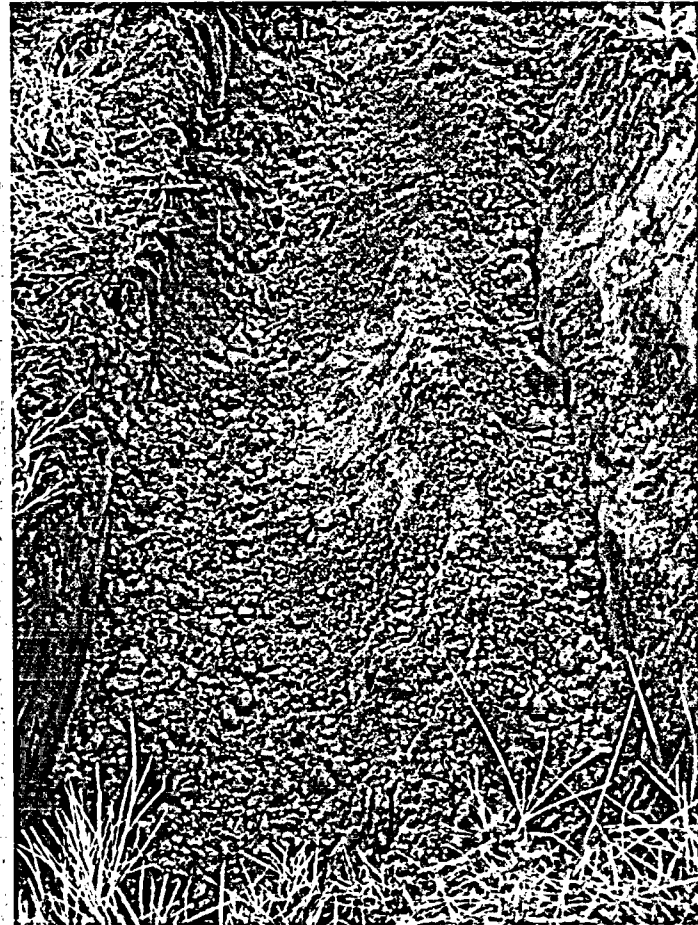
TP1384-3



103_0394



TP1386-1



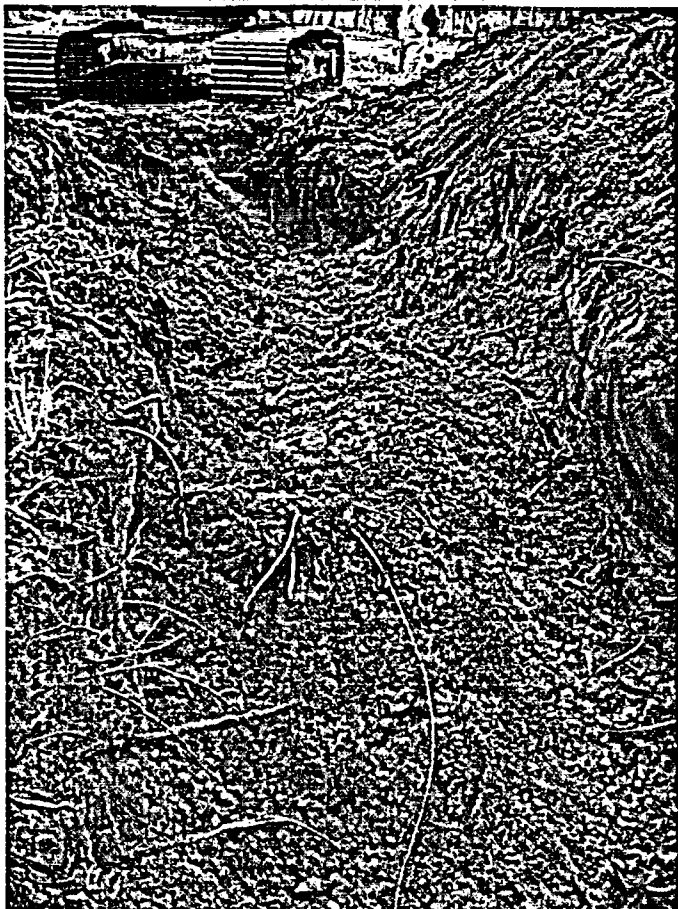
TP1386-2



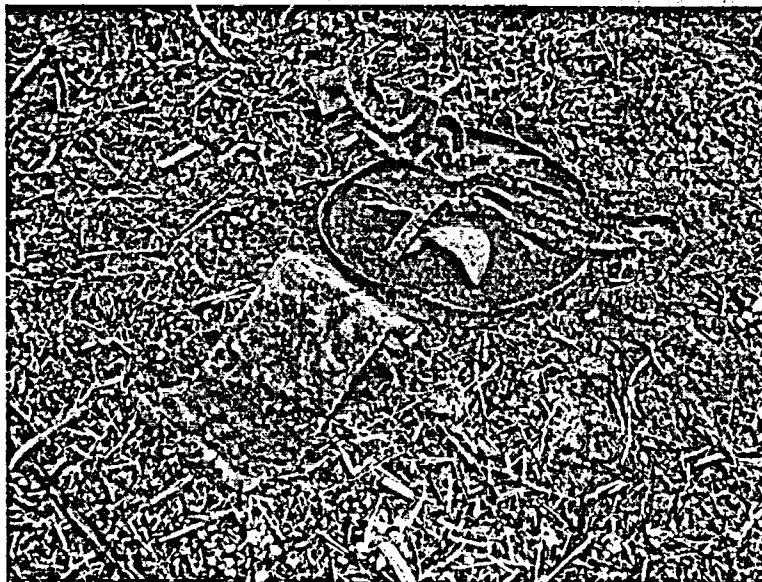
TP1387-1



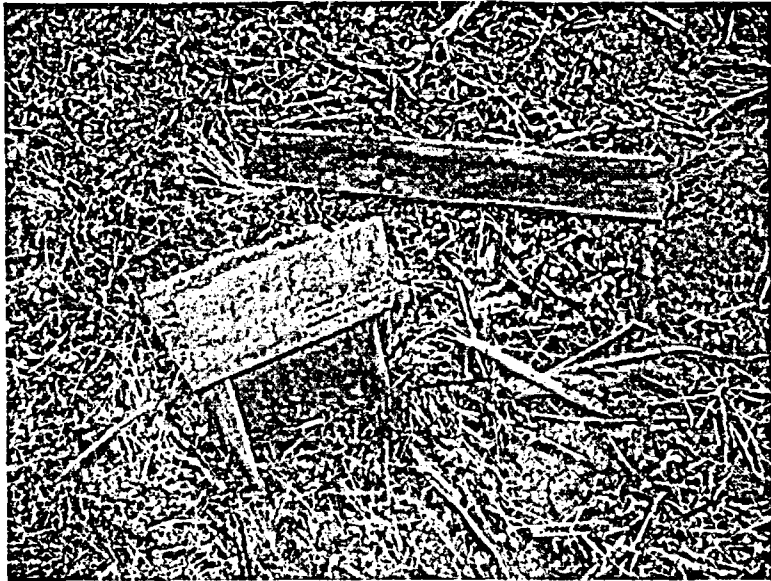
TP1388-1



TP1389-1



TP1389-2

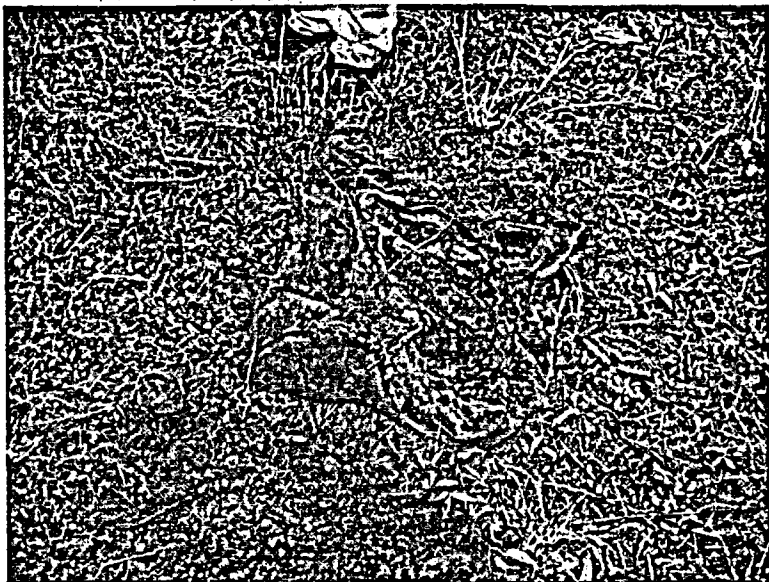


TP1391-1



TP1391-2

C



TP1392-1



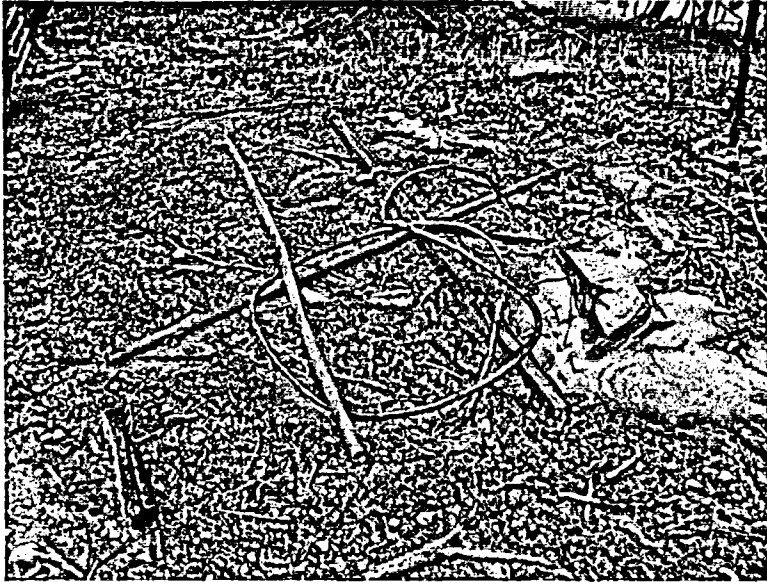
TP1392-2



TP1393-1



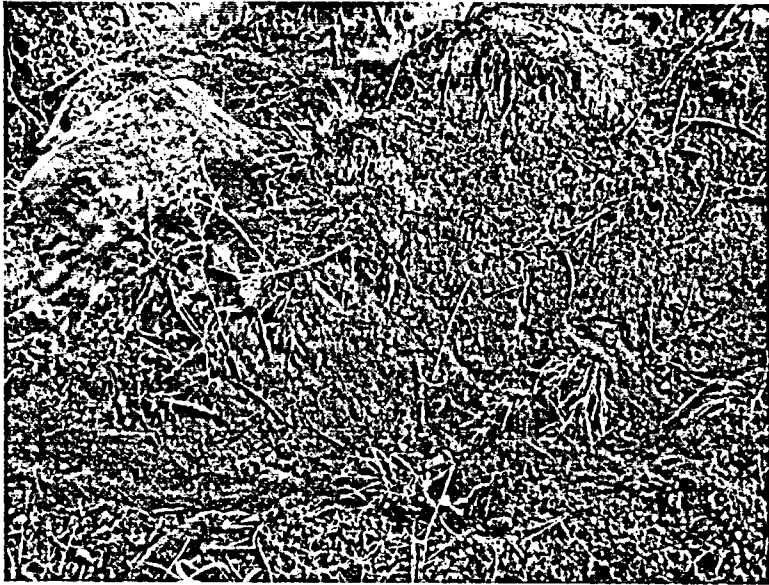
TP1393-2



TP1395-1



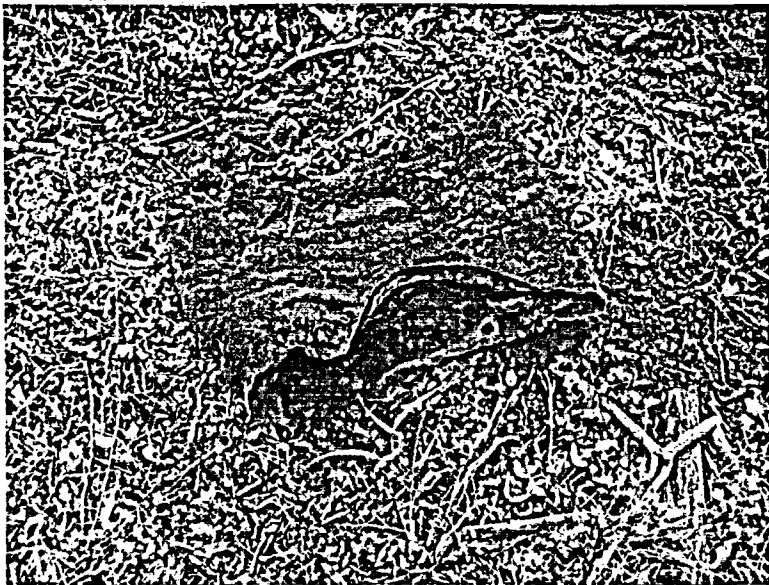
TP1395-2



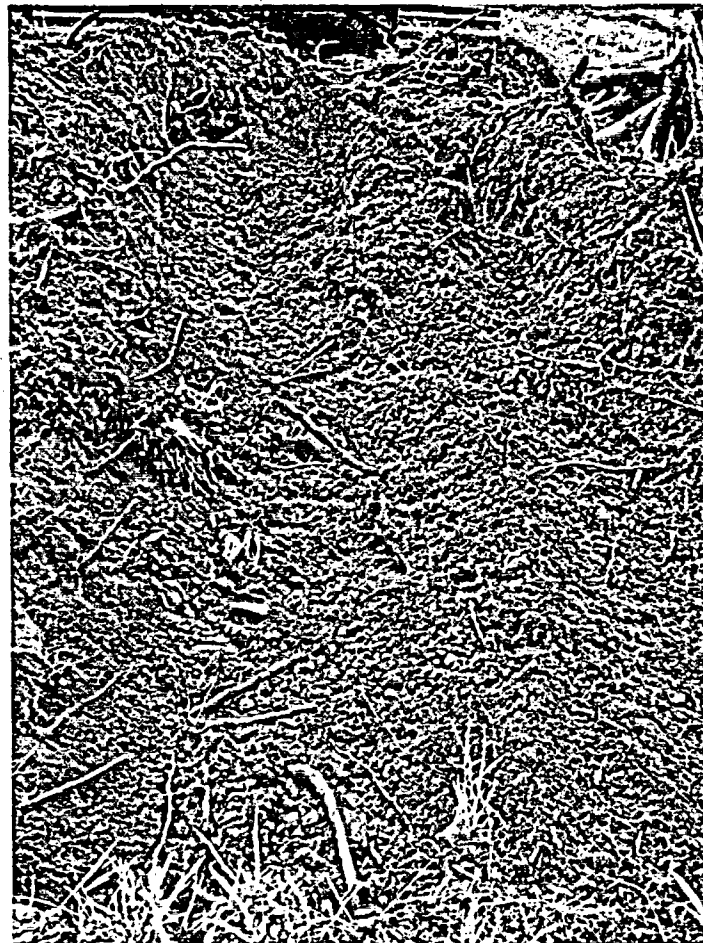
TP1396-1



TP1396-2



TP13100-1



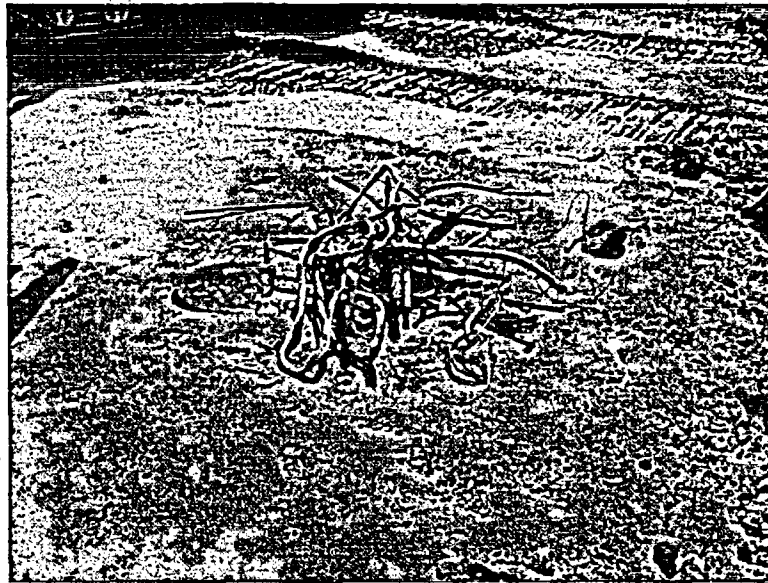
TP13100-2



TP13101-1



TP13103-1



TP13103-2



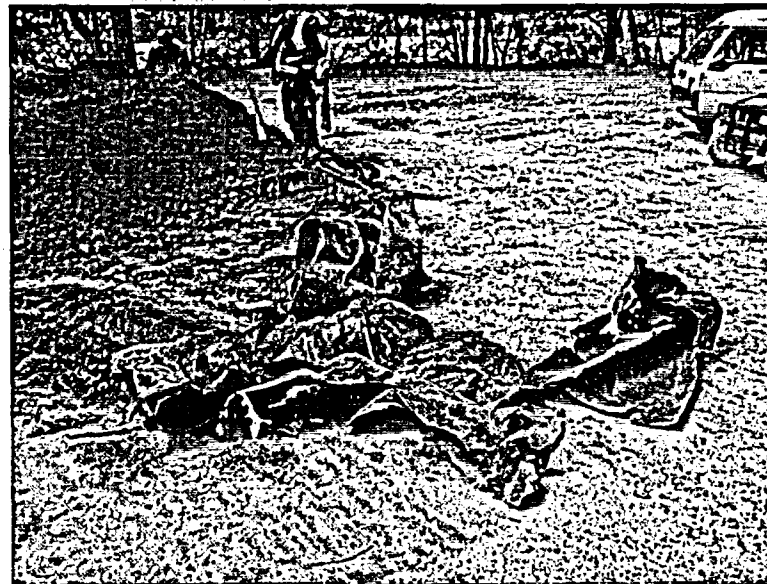
TP13104-1



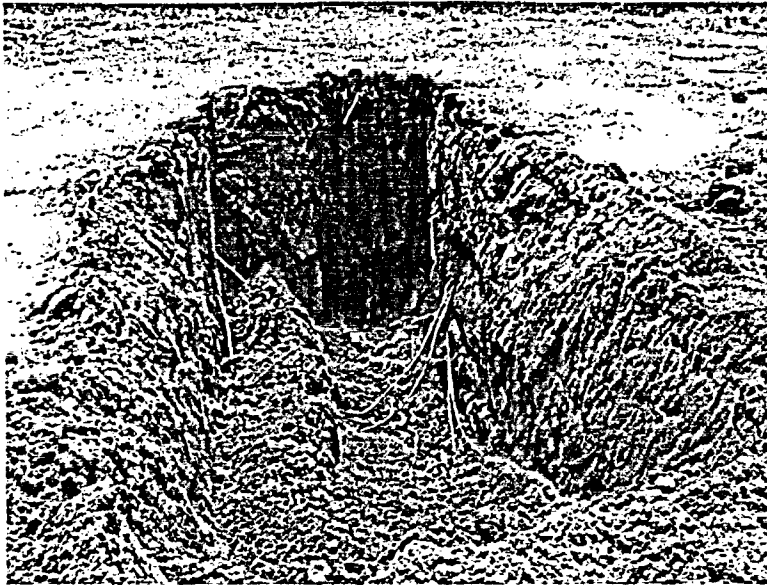
TP13104-2



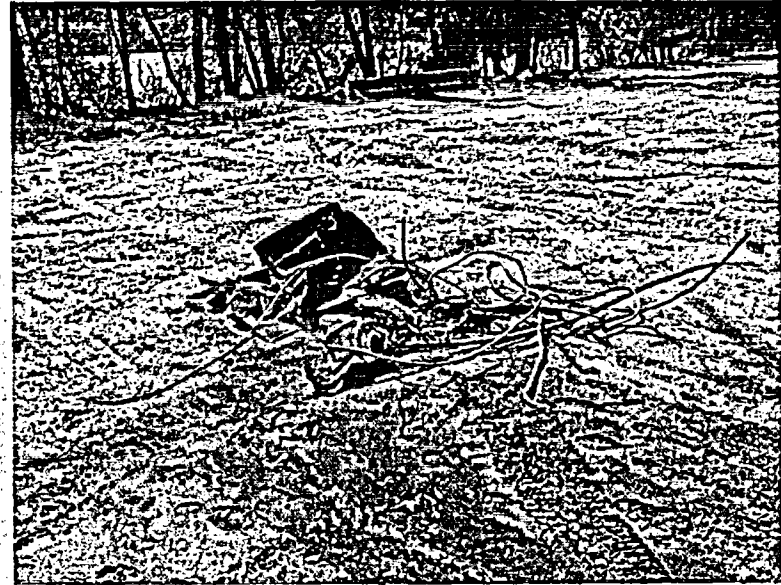
TP13104-3



TP13104-4



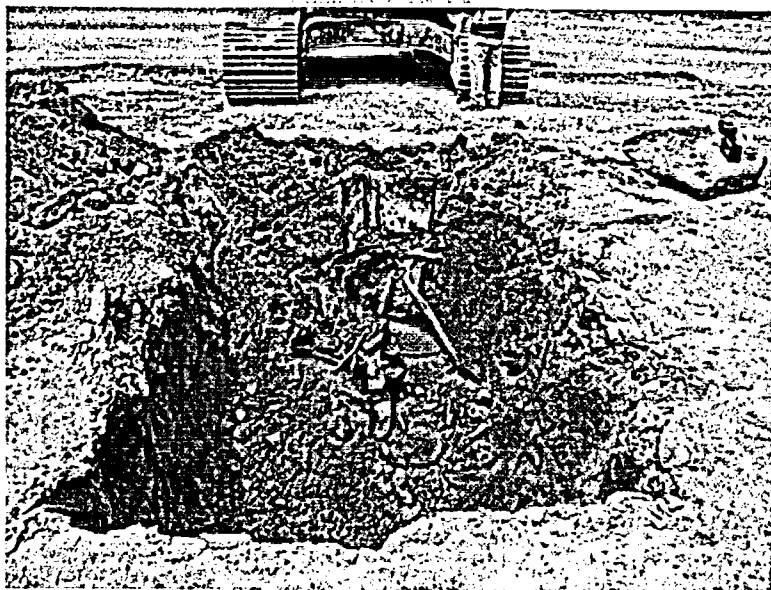
TP13105-1



TP13105-2



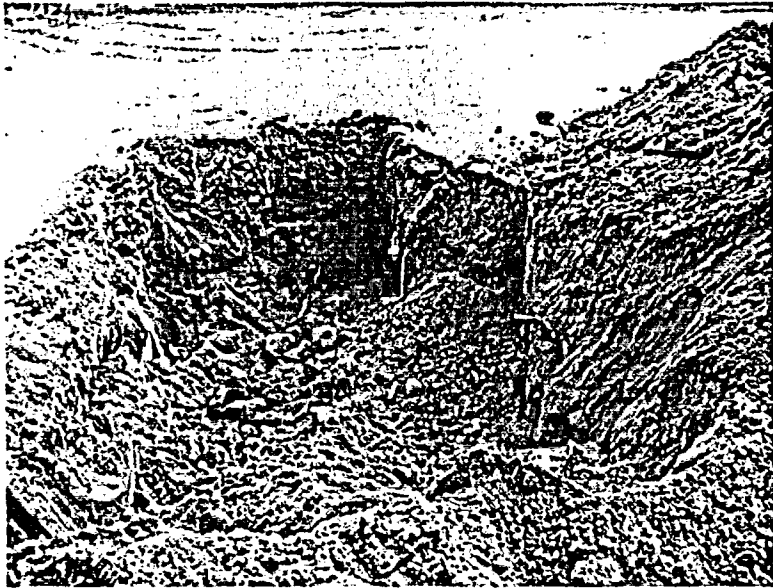
TP13105-3



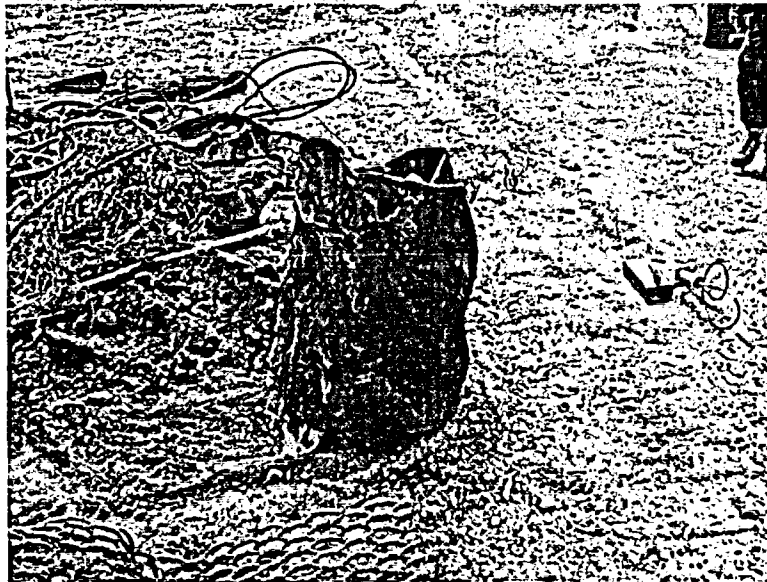
TP13106-1



TP13106-2



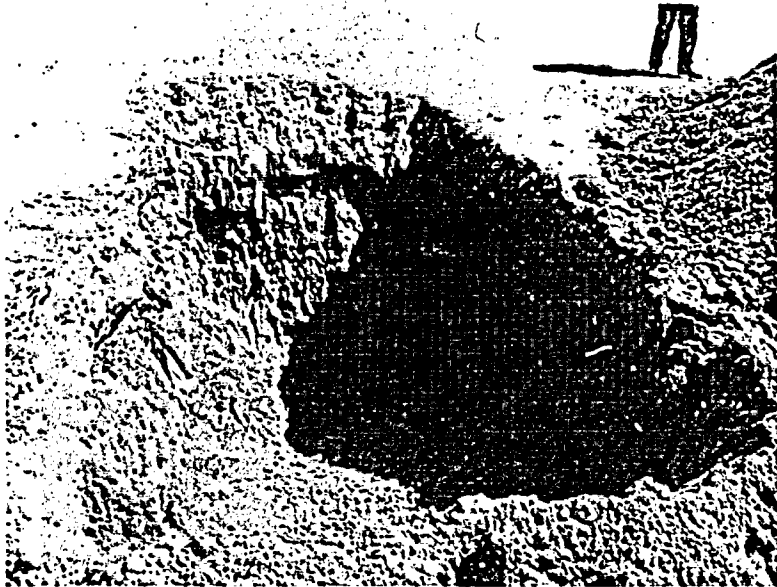
TP13107-1



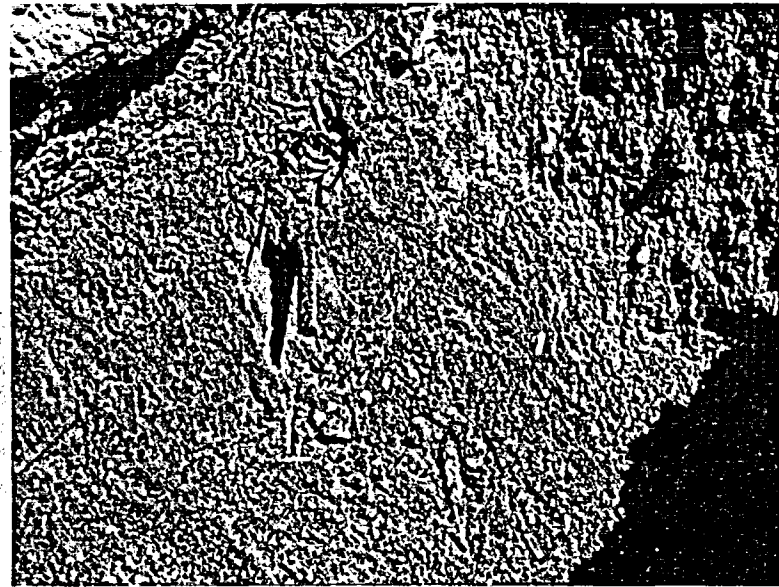
TP13107-3



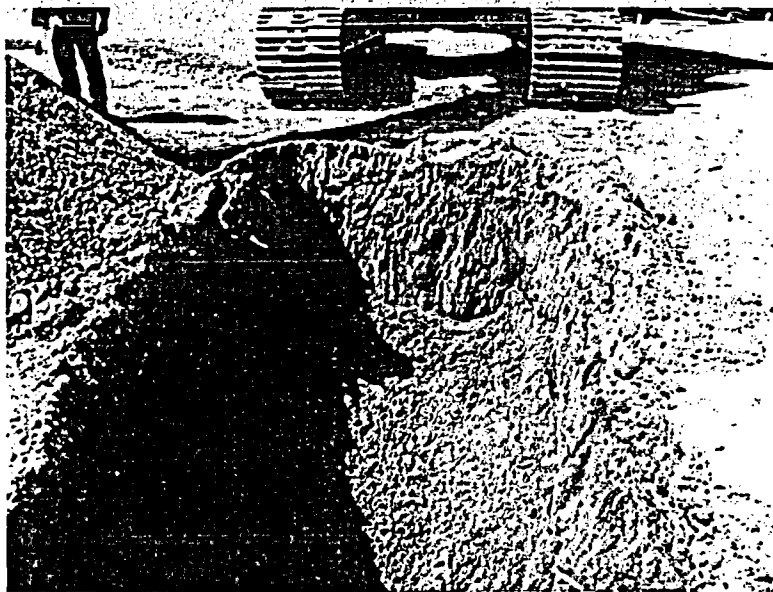
TP13107-2



TP13108-1



TP13108-2



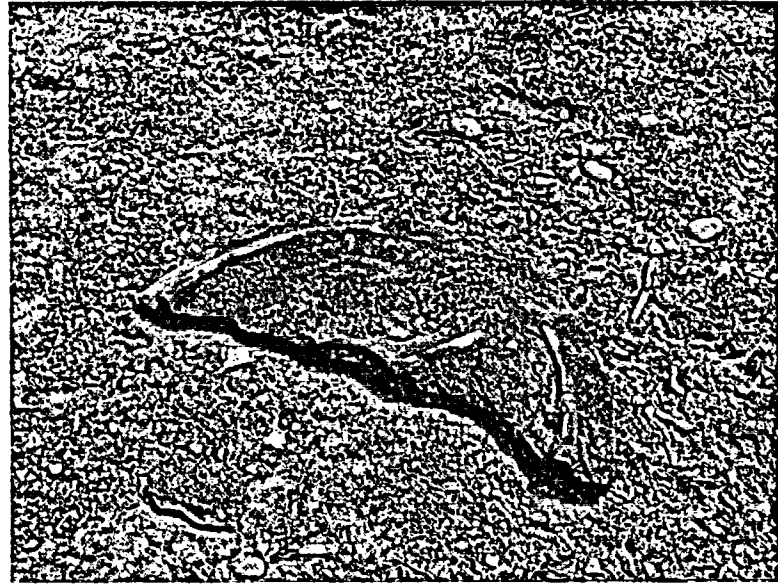
TP13108-3



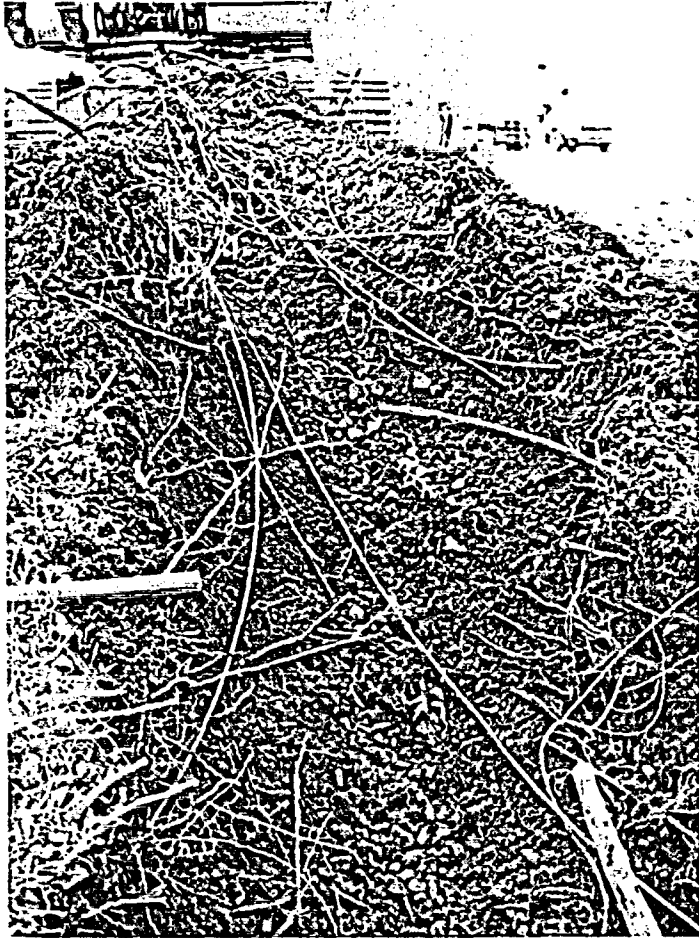
TP13108-4



TP13110-1



TP13110-2



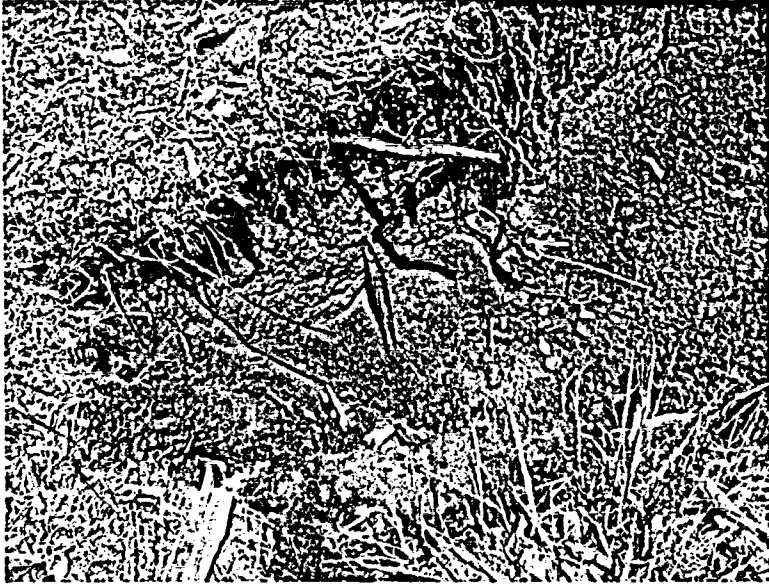
TP13111-1



TP13111-2



TP13111-3



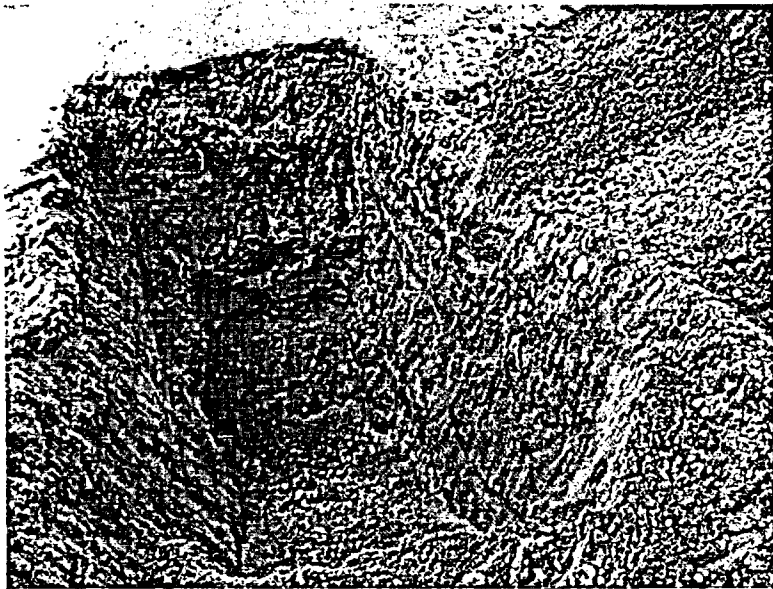
TP13112-1



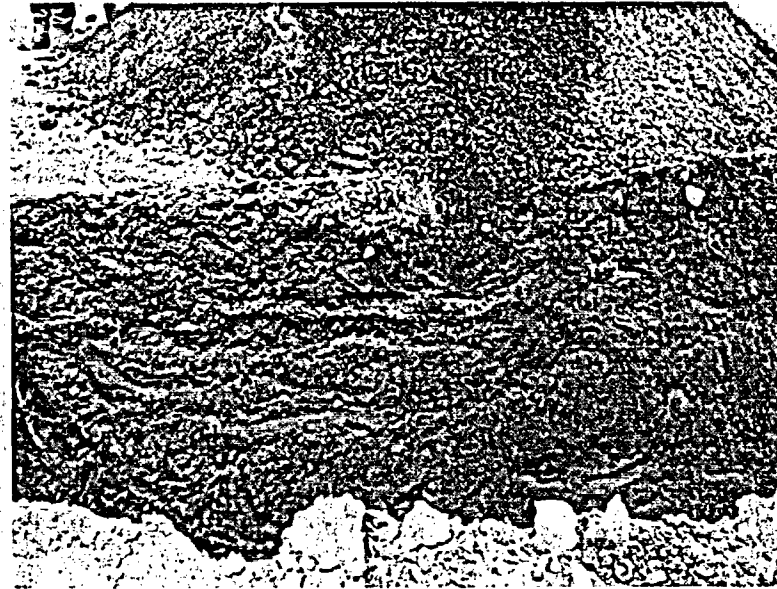
TP13112-2



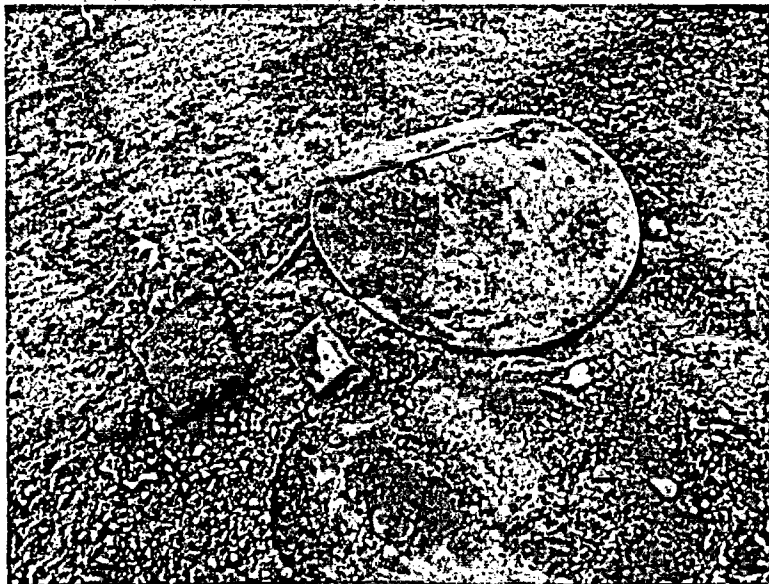
TP13112-3



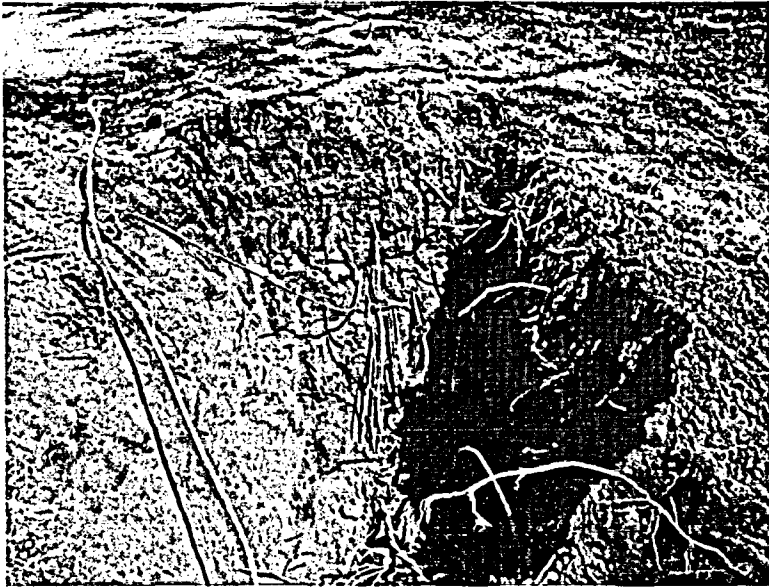
TP13113-1



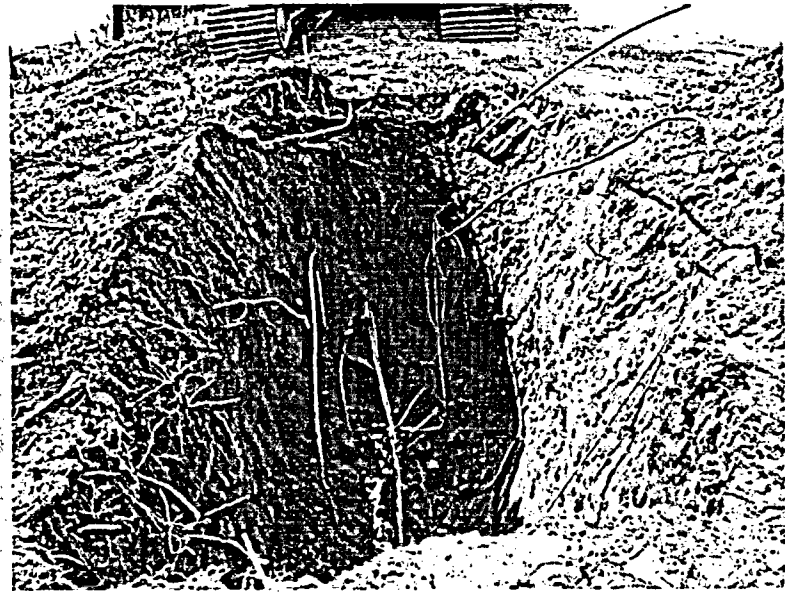
TP13113-2



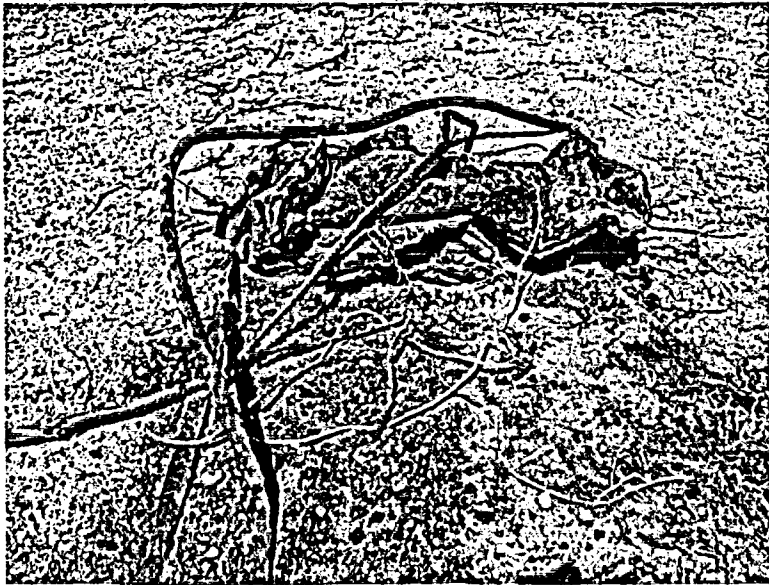
TP13113-3



TP13114-1

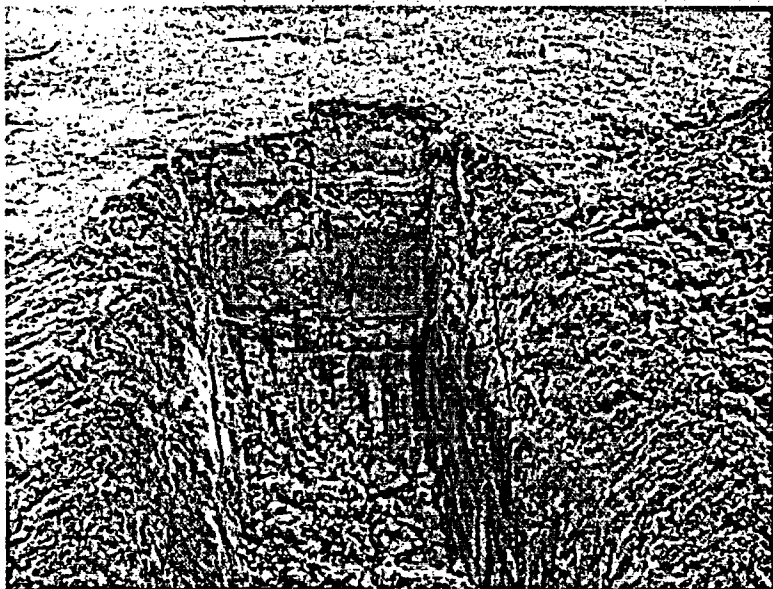


TP13114-2

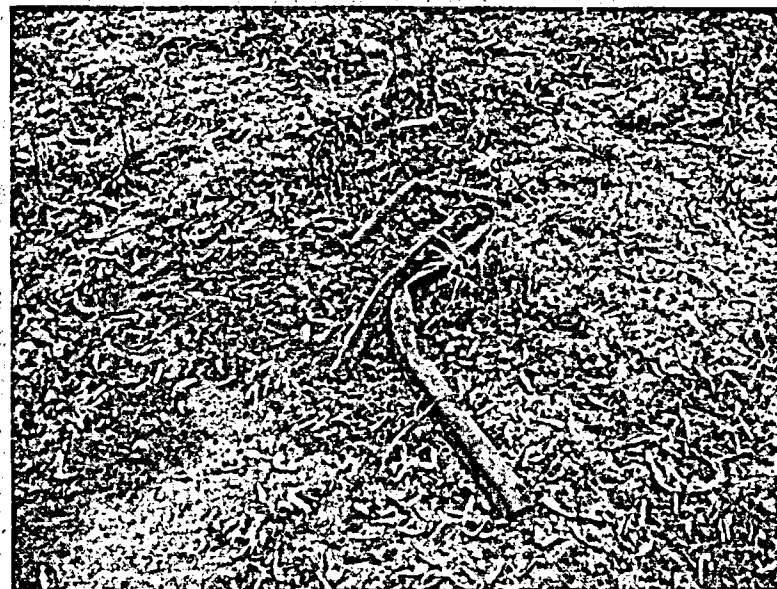


TP13114-3

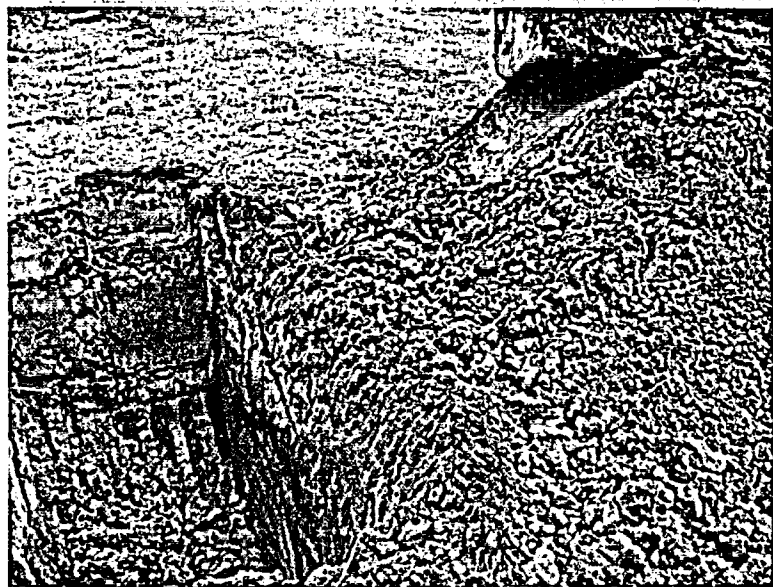
C



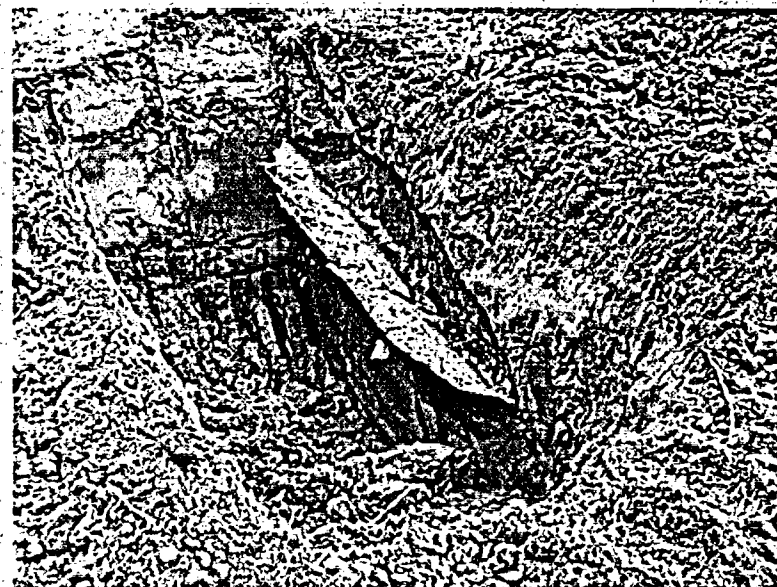
TP13115-1



TP13115-2



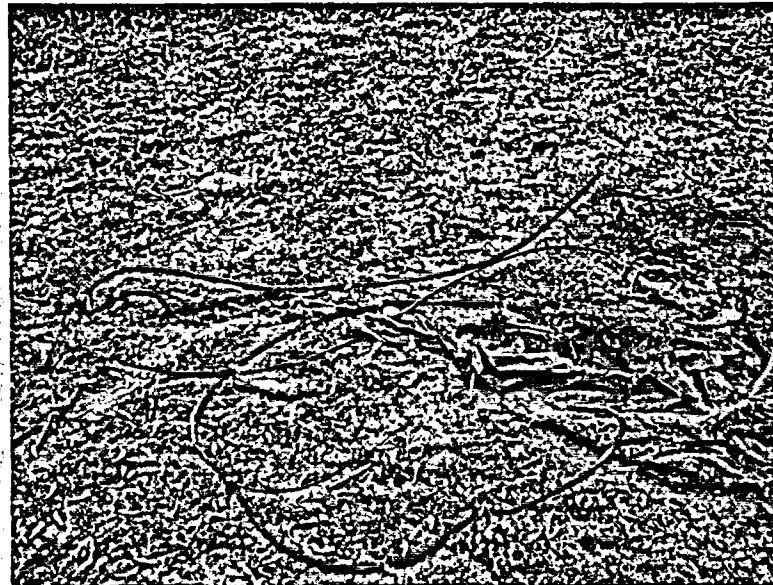
TP13115-3



TP13115-4



TP13116-1



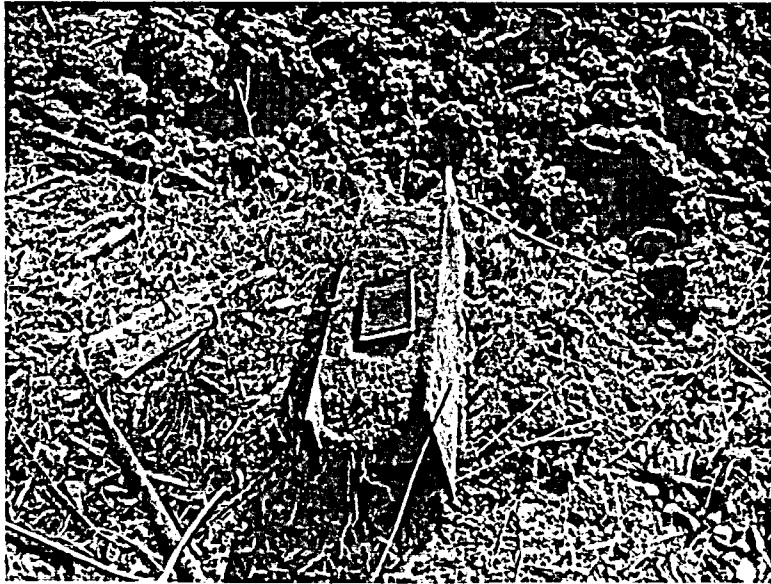
TP13116-2



TP13117-1



TP13117-2



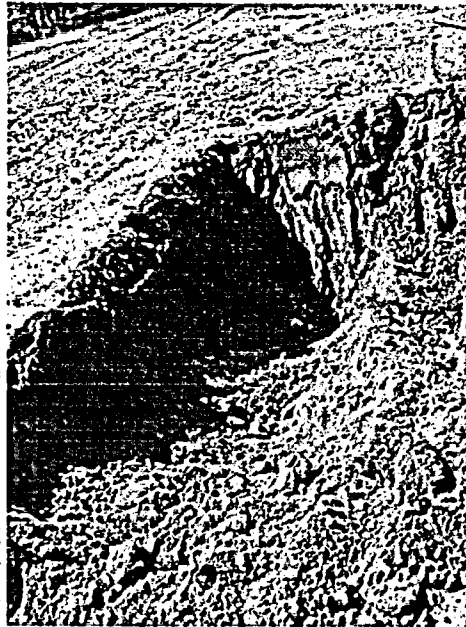
TP13117-3

C



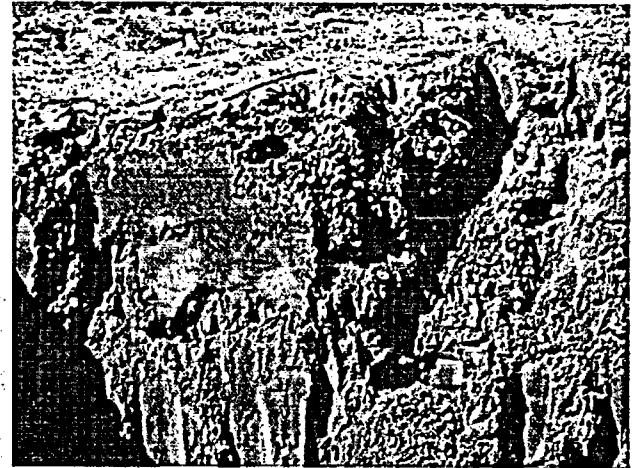
TP13118-1

C



TP13118-3

C



TP13118-2



TP13118-4



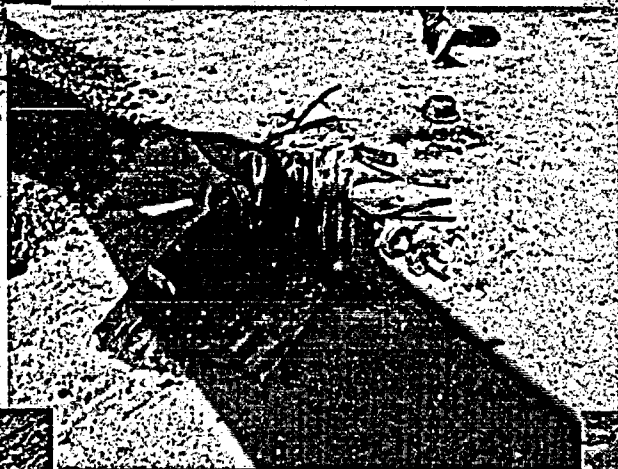
TP13118-5



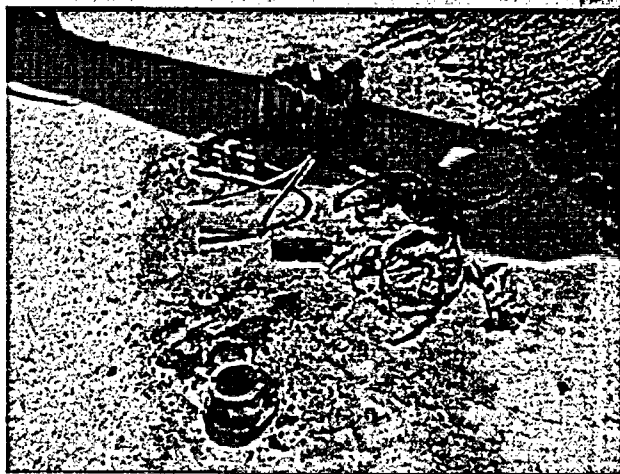
TP13119-1



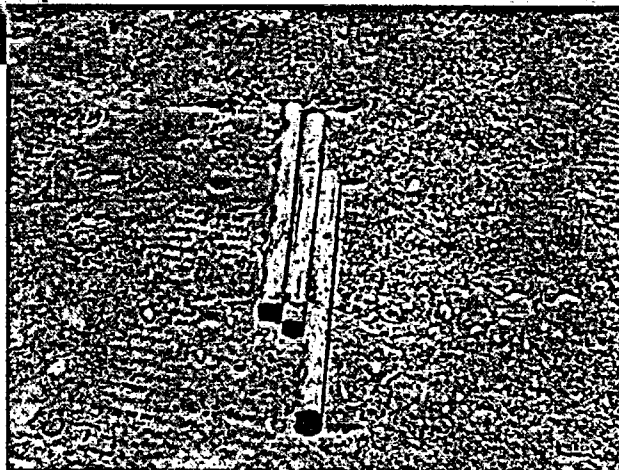
TP13119-2



TP13119-3



TP13119-4



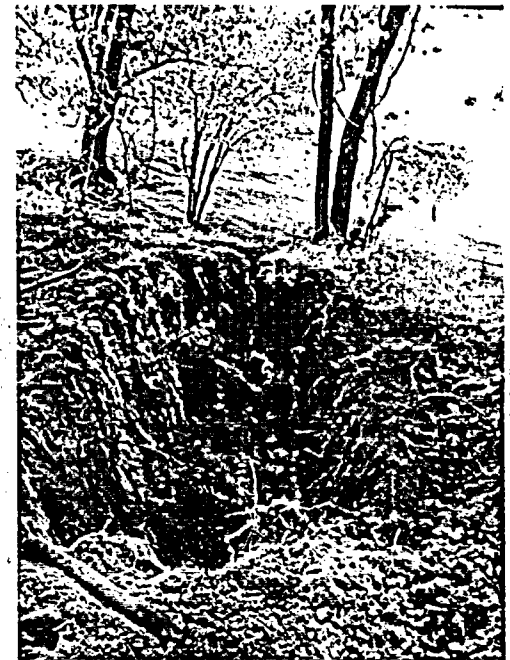
TP13119-5



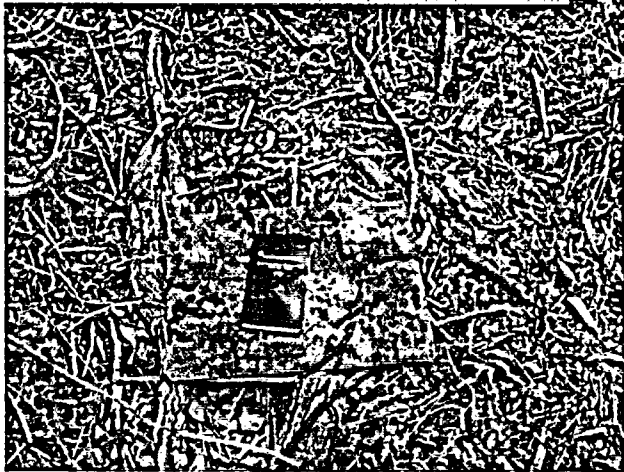
TP13120-1



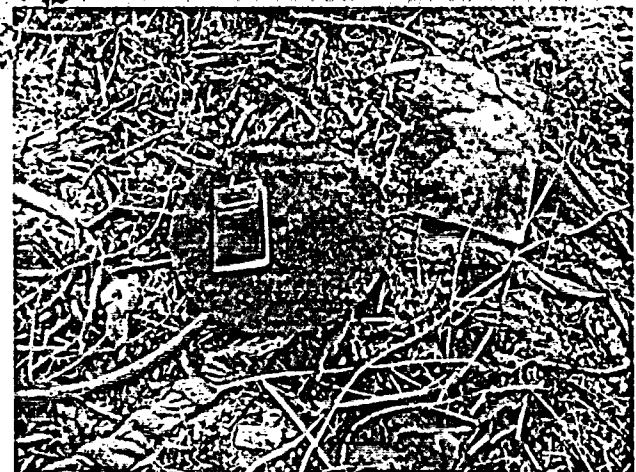
TP13120-3



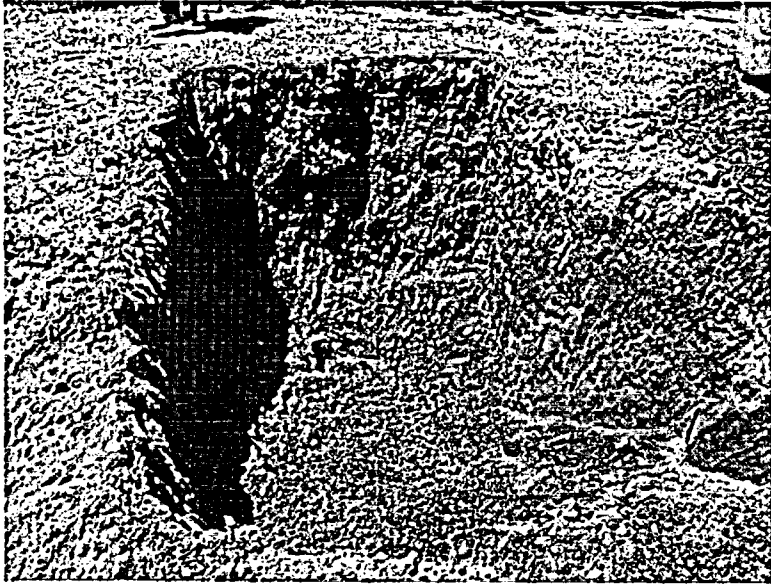
TP13120-2



TP13120-4



TP13120-5



TP13121-1



TP13121-2

APPENDIX E – ANALYTICAL LABORATORY RESULTS

Table E-1
Summary of Unvalidated Chemical Data
Peninsula Area Investigation Report

CYAPCO, Haddam Neck Plant
Haddam, Connecticut

Fra Parameter	Loc Name Field Sample Id Field Sample Date Media Qc Code Units	TP-1340		TP-1341		TP-1347		TP-1374	
		TP134006		TP134105		TP134705		TP137403	
		4/20/2006		4/17/2006		4/18/2006		5/3/2006	
		SOIL		SOIL		SOIL		SOIL	
		FS		FS		FS		FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Volatle Organic Compounds (Total)									
Acetone	UG/KG	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	UG/KG	-	-	-	-	-	-	-	-
2-Chloro-1,3-butadiene	UG/KG	-	-	-	-	-	-	-	-
n-Butylbenzene	UG/KG	-	-	-	-	-	-	-	-
n-Propylbenzene	UG/KG	-	-	-	-	-	-	-	-
sec-Butylbenzene	UG/KG	-	-	-	-	-	-	-	-
Benzene	UG/KG	-	-	13	J	-	-	-	-
Ethyl benzene	UG/KG	6.1	J	9.3	J	-	-	-	-
Isopropylbenzene	UG/KG	-	-	-	-	-	-	-	-
Tetrachloroethene	UG/KG	-	-	-	-	-	-	-	-
Toluene	UG/KG	-	-	17	J	-	-	-	-
Volatle Organic Compounds (TCLP)									
2-Butanone	MGL	-	-	0.011	J	-	-	-	-
Benzene	MGL	-	-	-	-	-	-	-	-
Tetrachloroethene	MGL	-	-	0.0016	J	-	-	-	-
Polychlorinated Biphenyls									
Aroclor-1254	UG/KG	-	-	-	-	80	-	-	-
Aroclor-1260	UG/KG	-	-	-	-	110	-	-	-
Semi-Volatile Organic Compounds									
1,1-Biphenyl	UG/KG	-	-	-	-	-	-	-	-
2-Methylnaphthalene	UG/KG	-	-	-	-	-	-	-	-
Pyrene	UG/KG	-	-	-	-	-	-	-	-
Phenanthrene	UG/KG	-	-	-	-	-	-	-	-
Fluoranthene	UG/KG	-	-	-	-	-	-	-	-
Benzo(a)anthracene	UG/KG	-	-	-	-	-	-	-	-
Benzo(a)pyrene	UG/KG	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	UG/KG	-	-	-	-	-	-	-	-
Benzo(g)hopyrene	UG/KG	-	-	-	-	-	-	-	-
Chrysene	UG/KG	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	UG/KG	-	-	-	-	-	-	-	-
Naphthlene	UG/KG	-	-	-	-	-	-	-	-
Extractable Total Petroleum Hydrocarbon	UG/KG	-	-	16.000	-	170.000	-	-	-
Herbicides/Pesticides									
Polychlorinated Biphenyls (PCBs)									
Aroclor-1254	UG/KG	-	-	-	-	-	-	-	-
Aroclor-1260	UG/KG	-	-	-	-	-	-	-	-
Metals (Total)									
Arsenic	MG/KG	-	-	-	-	-	-	-	-
Antimony	MG/KG	-	-	1.4	-	-	-	-	-
Barium	MG/KG	25	-	40.6	-	-	-	-	-
Barylium	MG/KG	-	-	-	-	-	-	-	-
Boron	MG/KG	-	-	-	-	-	-	-	-
Cadmium	MG/KG	-	-	-	-	-	-	-	-
Chromium	MG/KG	10.8	-	18.4	-	-	-	-	-
Cobalt	MG/KG	4.8	-	8.1	-	-	-	-	-
Copper	MG/KG	8.7	-	14.4	-	-	-	-	-
Lead	MG/KG	8.6	-	11	-	-	-	-	-
Mercury	MG/KG	0.055	-	0.021	-	-	-	-	-
Nickel	MG/KG	11.3	-	15.8	-	-	-	-	-
Silver	MG/KG	-	-	-	-	-	-	-	-
Thallium	MG/KG	-	-	-	-	-	-	-	-
Vanadium	MG/KG	11.3	-	22.9	-	-	-	-	-
Zinc	MG/KG	31.8	-	40.6	-	-	-	-	-
Metals (SPLP)									
Antimony	MGL	-	-	-	-	-	-	-	-
Barium	MGL	0.0081	-	0.0078	-	-	-	-	-
Boron	MGL	0.0881	-	0.0827	-	-	-	-	-
Chromium	MGL	0.0019	-	-	-	-	-	-	-
Cobalt	MGL	-	-	-	-	-	-	-	-
Copper	MGL	0.008	-	-	-	-	-	-	-
Lead	MGL	-	-	-	-	-	-	-	-
Mercury	MGL	-	-	-	-	-	-	-	-
Nickel	MGL	0.0028	-	0.0023	-	-	-	-	-
Selenium	MGL	-	-	-	-	-	-	-	-
Thallium	MGL	0.0088	-	-	-	-	-	-	-
Vanadium	MGL	0.0022	-	-	-	-	-	-	-
Zinc	MGL	0.012	-	-	-	-	-	-	-

Notes:

*- indicated not detected

* indicates sample not analyzed

B - The reported result was detected above the MDL but below the CRDL (Inorganics)

E - The percent difference between the parent sample and its serial dilution's concentration exceeds 10%

J - The reported result was detected above the MDL but below the CRDL (Organics)

MGL - micrograms per liter

N - The matrix spike sample recovery is not within the specified control limit.

SPLP - Synthetic precipitation leaching procedure

TCLP - Toxicity Characteristic Leaching Procedure

UG/KG - micrograms per kilogram

UG/L - micrograms per liter

Table E-1
Summary of Unvalidated Chemical Data
Peninsula Area Investigation Report

CYAPCO, Haddam Neck Plant
Haddam, Connecticut

Fra Parameter	Loc Name Field Sample Id Field Sample Date Media Qc Code	TP-1374 TP137403A 5/3/2006 SOIL FS		TP-1374 TP137405 5/3/2006 SOIL FS		TP-1390 TP13900113 6/26/2006 SOIL FS		TP-1390 TP13900213 6/26/2006 SOIL FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Volatile Organic Compounds (Total)									
Acetone	UG/KG	-		-		-		-	833 J
1,2,4-Trimethylbenzene	UG/KG	-		-		-		-	381000
2-Chloro-1,3-butadiene	UG/KG	-		-		-		-	332 J
n-Butylbenzene	UG/KG	-		-		-		-	46000
n-Propylbenzene	UG/KG	-		-		-		-	49000
sec-Butylbenzene	UG/KG	-		-		-		-	32000
Benzene	UG/KG	-		-		-		-	-
Ethyl benzene	UG/KG	-		-		-		-	-
Isopropylbenzene	UG/KG	-		-		-		-	16600
Tetrachloroethene	UG/KG	-		-		43.2 BJ		-	-
Toluene	UG/KG	-		-		-		-	-
Volatile Organic Compounds (TCLP)									
2-Butanone	MGL								
Benzene	MGL								
Tetrachloroethene	MGL								
Polychlorinated Biphenyls									
Aroclor-1254	UG/KG								
Aroclor-1260	UG/KG								
Semi-Volatile Organic Compounds									
1,1-Biphenyl	UG/KG					-		-	166 J
2-Methylnaphthalene	UG/KG					-		-	1970
Pyrene	UG/KG					350 J		-	110
Phenanthrene	UG/KG					138 J		-	135
Fluoranthene	UG/KG					312 J		-	124
Benzo(a)anthracene	UG/KG					-		-	81.8
Benzo(a)pyrene	UG/KG					396 J		-	58.6
Benzo(b)fluoranthene	UG/KG					296 J		-	116
Benzo(ghi)pyrene	UG/KG					-		-	66.5
Chrysene	UG/KG					-		-	82.3
Indeno(1,2,3-cd)pyrene	UG/KG					-		-	83.1
Naphthalene	UG/KG					-		-	3800
Extractable Total Petroleum Hydrocarbon	UG/KG					9.520		-	4,620,000
Herbicides/Pesticides									
-									
Polychlorinated Biphenyls (PCBs)									
Aroclor-1254	UG/KG								28
Aroclor-1260	UG/KG								19
Metals (Total)									
Arsenic	MG/KG					-		-	0.841 J
Antimony	MG/KG					8.7 EN		-	0.296 J
Barium	MG/KG					33.8		-	28.3
Barium	MG/KG					-		-	0.191
Boron	MG/KG					-		-	-
Cadmium	MG/KG					-		-	0.125 J
Chromium	MG/KG					16.7 N		-	10.7
Cobalt	MG/KG					6.7 N		-	4.12
Copper	MG/KG					15.4 EN		-	9.33
Lead	MG/KG					15 N		-	9.28
Mercury	MG/KG					0.086		-	0.0586
Nickel	MG/KG					15.7 N		-	9.96
Silver	MG/KG					-		-	0.07 J
Thallium	MG/KG					0.13 B		-	0.116
Vanadium	MG/KG					15.3 N		-	11.8
Zinc	MG/KG					63.3		-	40.6
Metals (SPLP)									
Antimony	MGL					12.2 B			
Barium	MGL					11.8			
Boron	MGL					15.5			
Chromium	MGL					15.7			
Cobalt	MGL					0.79			
Copper	MGL					5.9			
Lead	MGL					1.8			
Mercury	MGL					-			
Nickel	MGL					2.2			
Selenium	MGL					9			
Thallium	MGL					4.6			
Vanadium	MGL					-			
Zinc	MGL					26.3			

Notes:
 * - Indicated not detected
 * - Indicates sample not analyzed
 B - The reported result was detected above the MDL but below
 E - The percent difference between the parent sample and its
 J - The reported result was detected above the MDL but below
 MGL - milligrams per liter
 N - The matrix spike sample recovery is not within the specific
 SPLP - Synthetic precipitation leaching procedure
 TCLP - Toxicity Characteristic Leaching Procedure
 UG/KG - micrograms per kilogram
 UG/L - micrograms per liter