

APPENDIX B

TEST PIT LOGS

APPENDIX B.1	1991 TEST PITS
APPENDIX B.2	1995 CURTAIN DRAIN TEST PITS
APPENDIX B.3	1996 TEST PITS



APPENDIX B.1

1991 TEST PITS



PROJECT NUMBER

3698

TEST PIT NUMBER

TP-1

SHEET

OF

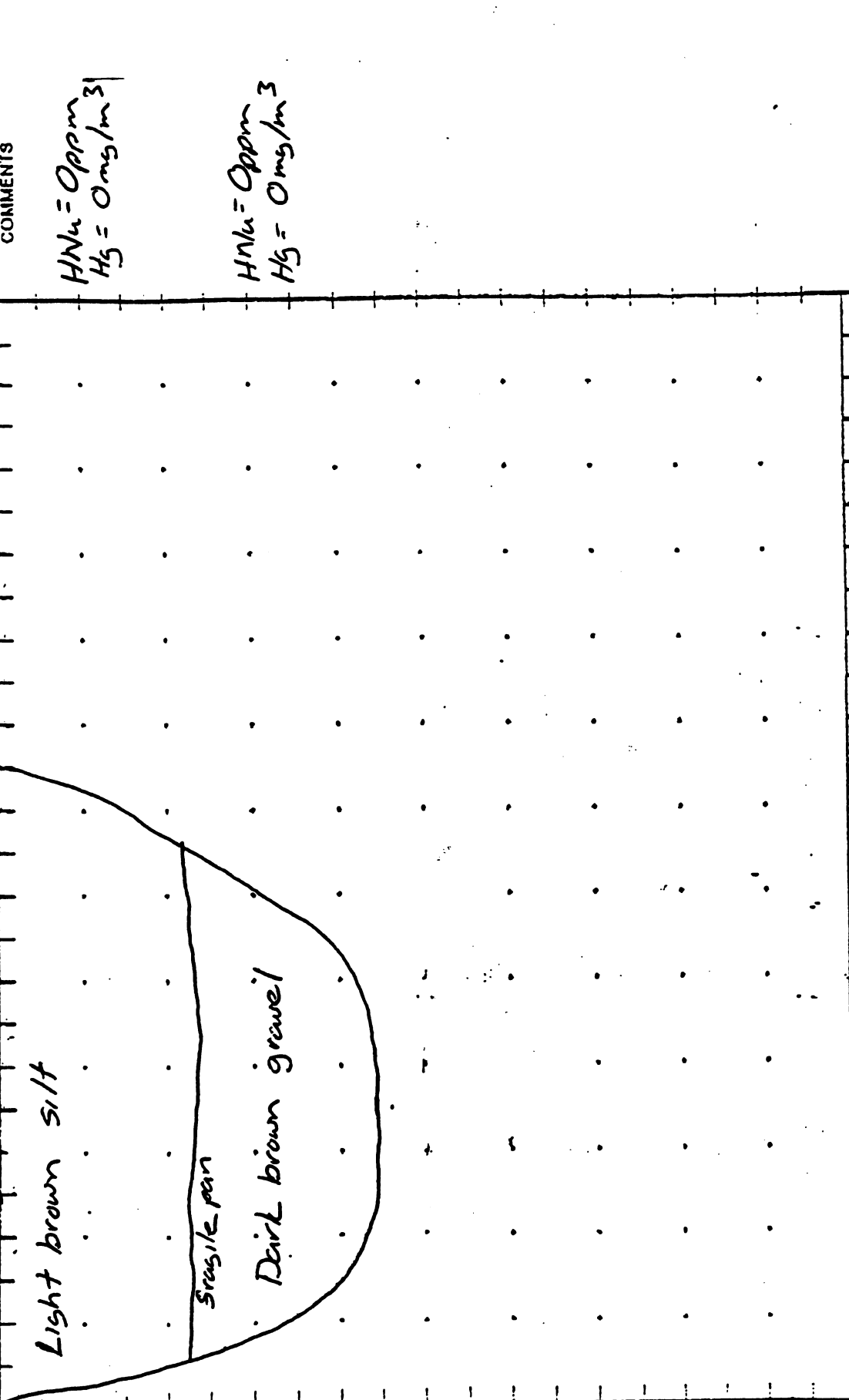
TEST PIT WALL LOG

PROJECT Maybrook Lagoon Site (Nepesa Inc.) LOCATION S of Lagoon #6 MAP OF E WALL OF PIT

ELEVATION \_\_\_\_\_ CONTRACTOR Ciccione DATE EXCAVATED 7/12/91

WATER LEVEL AND DATE \_\_\_\_\_ EXCAVATION METHOD Case LOGGER W.P. Wetsel

APPROXIMATE DIMENSIONS: LENGTH 15' WIDTH 4' DEPTH 9' REMARKS \_\_\_\_\_



COMMENTS

HNu = Oppm  
Hg = 0mg/m<sup>3</sup>

HNu = Oppm  
Hg = 0mg/m<sup>3</sup>

SAMPLE

1  
2  
3

PROJECT NUMBER

3698

TEST PIT NUMBER

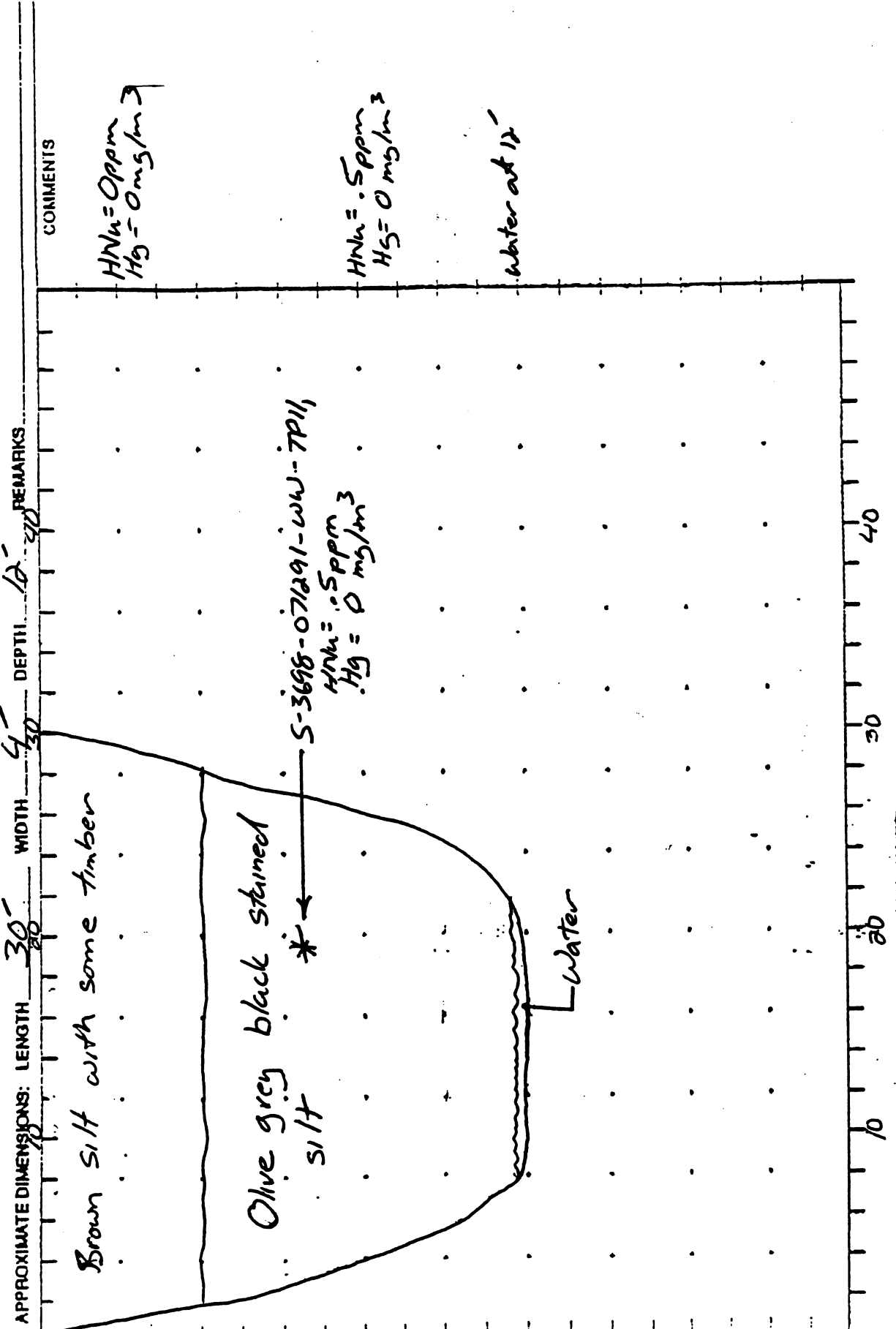
TP-2

SHEET

OF

TEST PIT WALL LOG

PROJECT Manglach Lagoon Site (Nagara Inc) LOCATION Lagoon #5 MAP OF N. WALL OF PIT  
 ELEVATION \_\_\_\_\_ CONTRACTOR Sikong DATE EXCAVATED 7/12/91  
 WATER LEVEL AND DATE 12 7/12/91 EXCAVATION METHOD Case 780 backhoe LOGGER W.P. Welsch  
 APPROXIMATE DIMENSIONS: LENGTH 30 WIDTH 4 DEPTH 12 REMARKS \_\_\_\_\_



Brown silt with some timber

Olive grey black stained silt

Water

S-3698-071291-WW-TP11,  
 HNU = 0.5 ppm  
 Hg = 0 mg/m<sup>3</sup>

HNU = 0 ppm  
 Hg = 0 mg/m<sup>3</sup>

HNU = 0.5 ppm  
 Hg = 0 mg/m<sup>3</sup>

water at 12'

COMMENTS

SAMPLE

2  
3  
4  
5  
6  
7

5

7

5

DEPTH

0 10 20 30 40

PROJECT NUMBER

3698

TEST PIT NUMBER

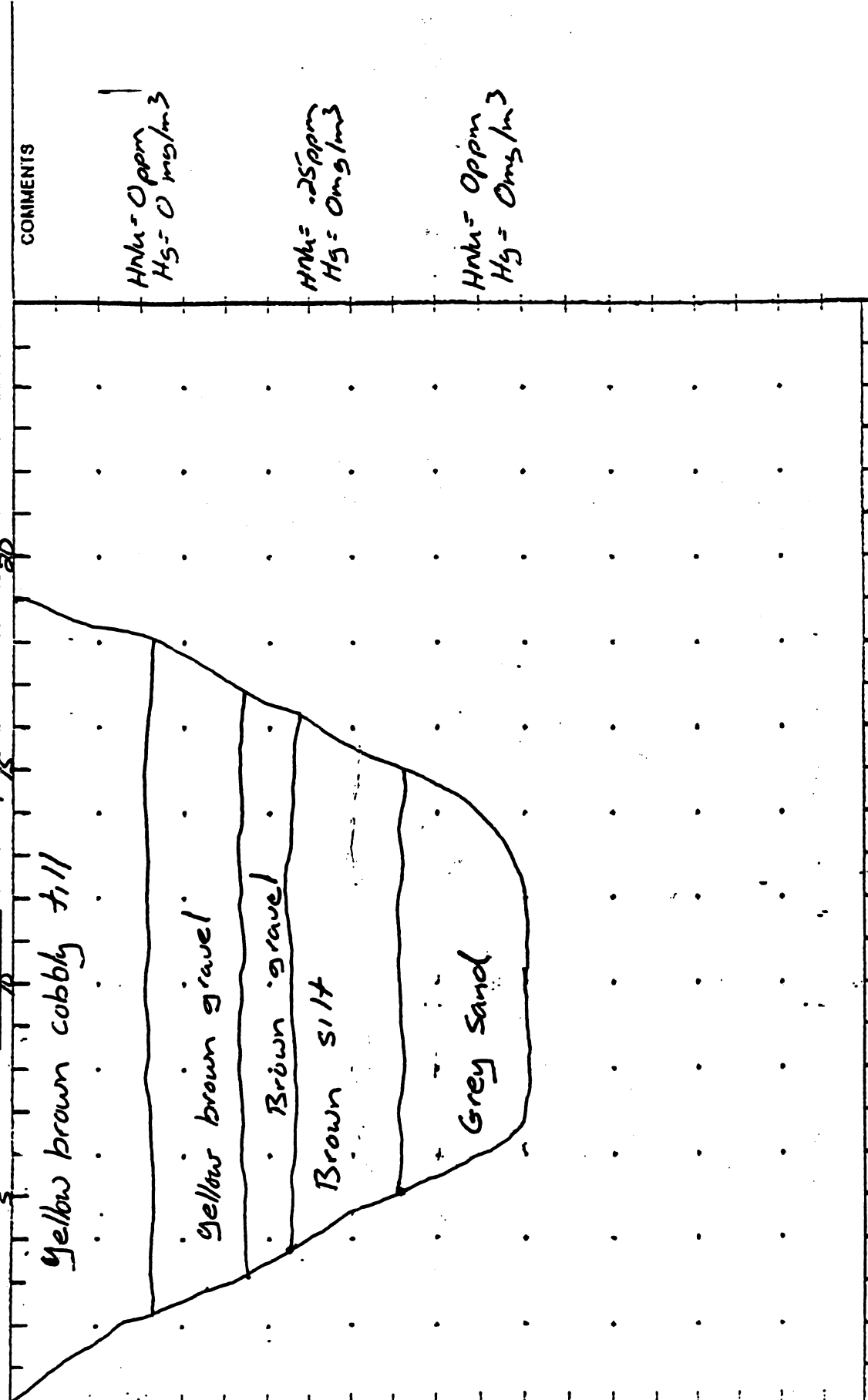
TP-3

SHEET OF

TEST PIT WALL LOG

PROJECT Maybrook Lagoon Site (Alperca Inc.) LOCATION Lagoon #5 MAP OF W WALL OF PIT  
 ELEVATION \_\_\_\_\_ CONTRACTOR C-LEONE DATE EXCAVATED 7/12/91

WATER LEVEL AND DATE \_\_\_\_\_ EXCAVATION METHOD CASE LOGGER W.P. WEBER  
 APPROXIMATE DIMENSIONS: LENGTH 19' WIDTH 4' DEPTH 12' REMARKS \_\_\_\_\_



COMMENTS

HNH4+ = 0 ppm  
Hg = 0 mg/m3

HNH4+ = .25 ppm  
Hg = 0 mg/m3

HNH4+ = 0 ppm  
Hg = 0 mg/m3

SAMPLE	DEPTH
1	0-4'
2	4-6'
3	6-7'
4	7-8'
5	8-12'

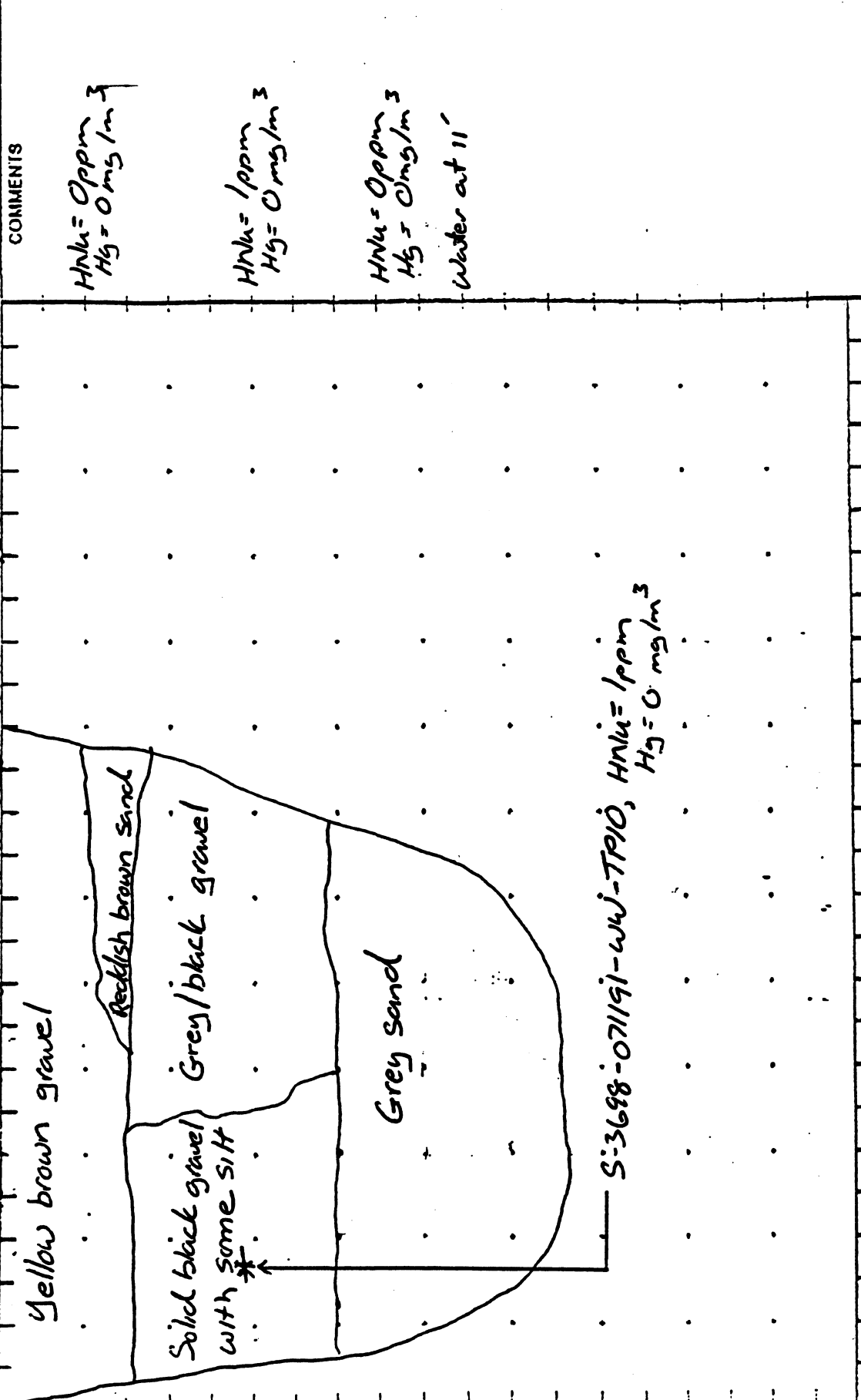
PROJECT NUMBER  
3698

TEST PIT NUMBER  
TP-41

SHEET OF

TEST PIT WALL LOG

PROJECT Mayback Lagoon Site (Aleperu Inc) LOCATION Lagoon #5 MAP OF N WALL OF PIT  
 ELEVATION          CONTRACTOR Cuccane DATE EXCAVATED 7/11/91  
 WATER LEVEL AND DATE 11' 7/11/91 EXCAVATION METHOD Case 250 backhoe LOGGER W.P. Lake/Sek  
 APPROXIMATE DIMENSIONS: LENGTH 32' WIDTH 4' DEPTH 13' REMARKS         



B	TABLE	SAMPLE
5		
6		

LENGTH (FT)  
10 20 30 40

S:3698-071191-WJ-TP10, HNu = 1 ppm, Hg = 0 mg/m<sup>3</sup>

HNu = 0 ppm  
Hg = 0 mg/m<sup>3</sup>

HNu = 1 ppm  
Hg = 0 mg/m<sup>3</sup>

HNu = 0 ppm  
Hg = 0 mg/m<sup>3</sup>

Water at 11'



PROJECT NUMBER

3698

TEST PIT NUMBER

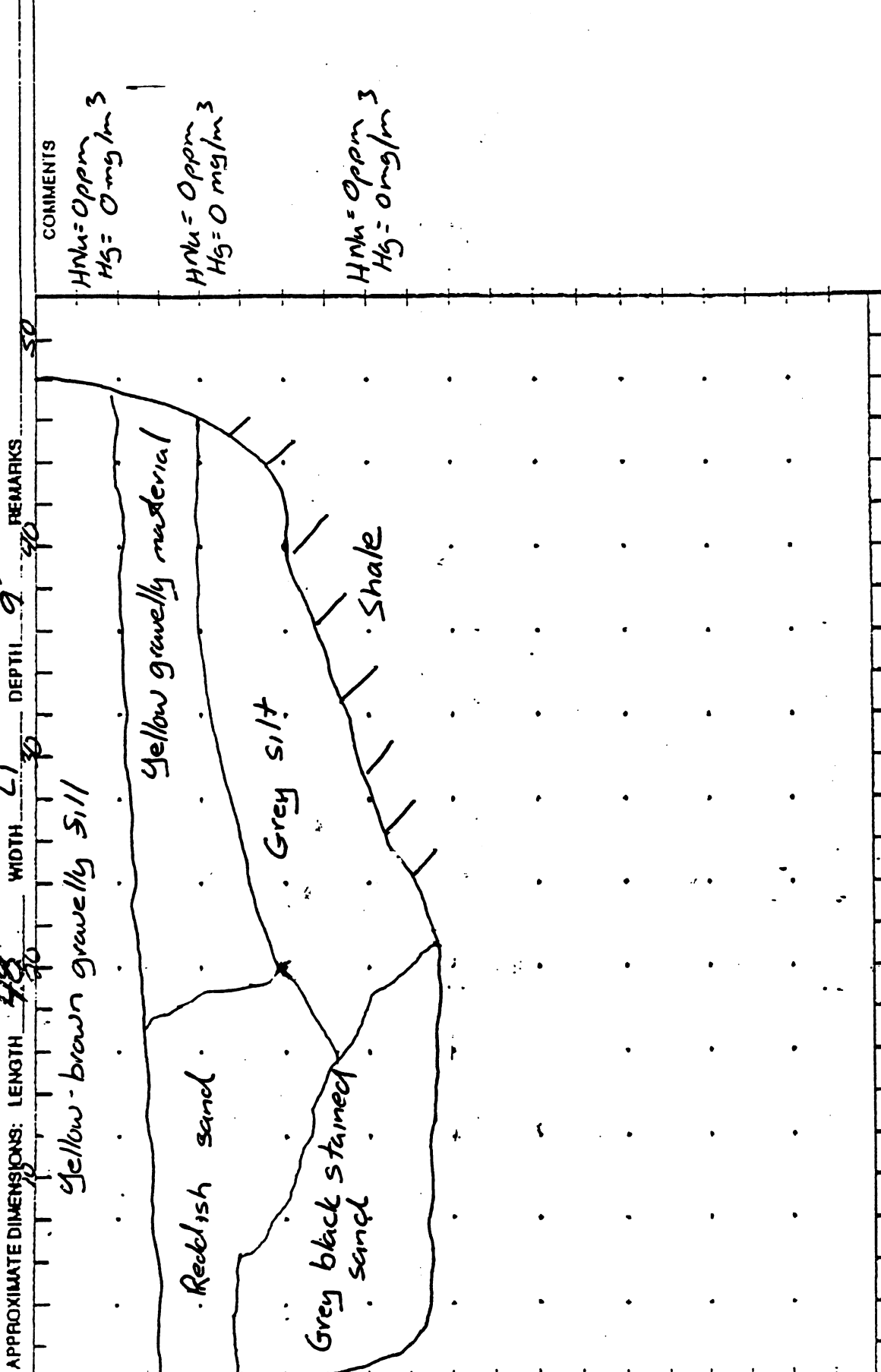
TP-5

SHEET

OF

### TEST PIT WALL LOG

PROJECT Maybrook Lagoon Site (Nepesin In.) LOCATION Lagoon #3 MAP OF N. WALL OF PIT  
 ELEVATION \_\_\_\_\_ DATE EXCAVATED 7/10/91  
 CONTRACTOR CK CONCRE  
 EXCAVATION METHOD Case 750 backhoe LOGGER W.P. White  
 WATER LEVEL AND DATE \_\_\_\_\_  
 APPROXIMATE DIMENSIONS: LENGTH 48' WIDTH 6' DEPTH 9'



SAMPLE  
 1  
 2  
 3  
 4  
 5

DATE

REMARKS

1 2 3 4 5 6 7 8 9 10

PROJECT NUMBER

3698

TEST PIT NUMBER

TP-6

SHEET

OF

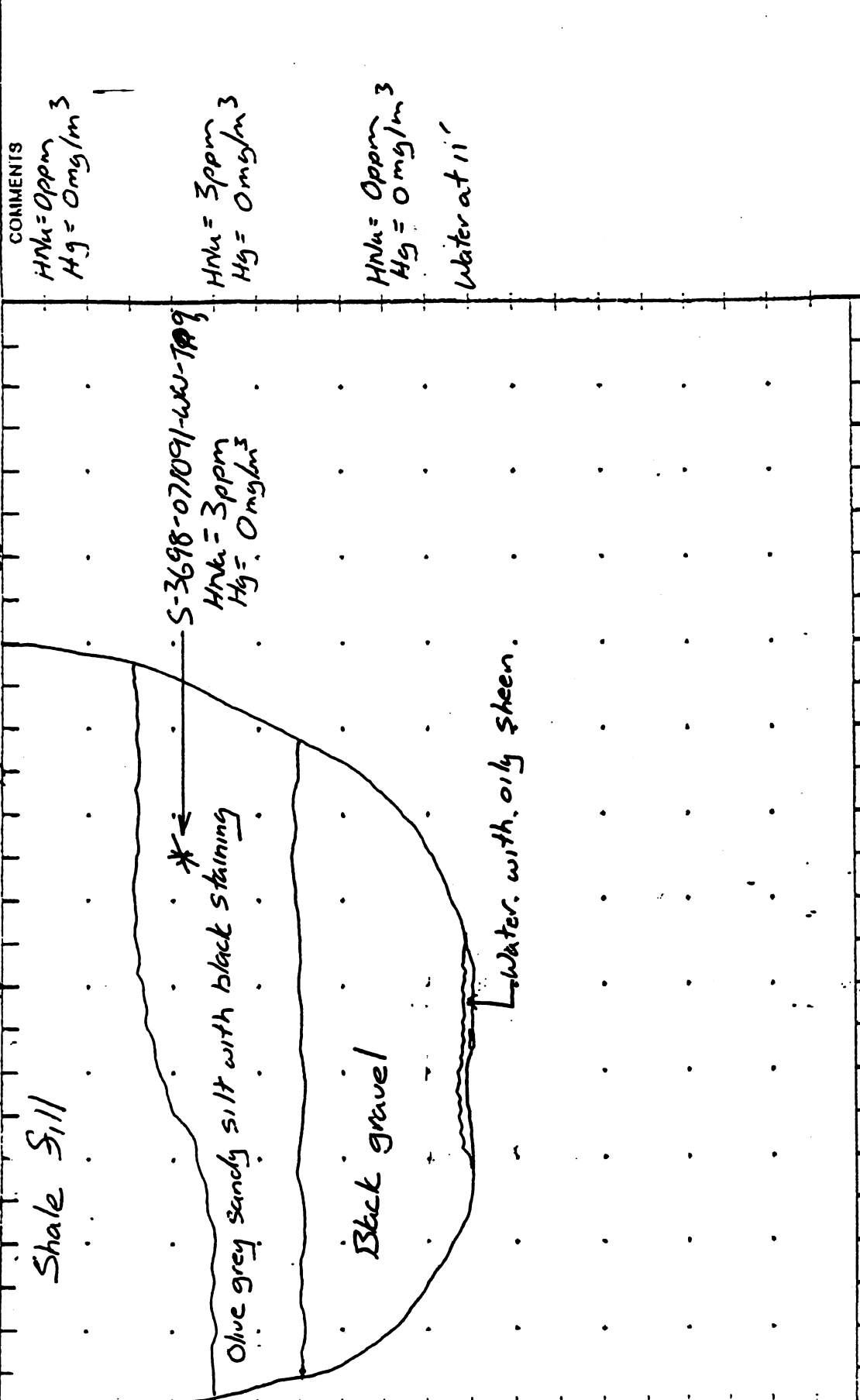
TEST PIT WALL LOG

PROJECT Mightybrook Lagoon Site (Nepela Inc.) LOCATION Laggon #3 MAP OF N WALL OF PIT ELEVATION \_\_\_\_\_ DATE EXCAVATED 7/10/91

CONTRACTOR Ciccane EXCAVATION METHOD Cass 750 backhoe W.P. Welsch

WATER LEVEL AND DATE 11' 7/10/91

APPROXIMATE DIMENSIONS: LENGTH 15' WIDTH 4' DEPTH 11.80' REMARKS \_\_\_\_\_



COMMENTS

HNU = 0ppm  
Hg = 0mg/m<sup>3</sup>

HNU = 3ppm  
Hg = 0mg/m<sup>3</sup>

HNU = 0ppm  
Hg = 0mg/m<sup>3</sup>

Water at 11'

S-3698-071091-WW-TP6  
HNU = 3ppm  
Hg = 0mg/m<sup>3</sup>

SAMPLE

5  
6  
7

4

6

5

PROJECT NUMBER 3698 TEST PIT NUMBER TP-7 SHEET OF

TEST PIT WALL LOG

PROJECT Maybrook Lagoon Site (Nepera Inc.) LOCATION Lagoon #3 MAP OF N. WALL OF PIT  
 ELEVATION \_\_\_\_\_ DATE EXCAVATED 7/10/91  
 CONTRACTOR Ciccione LOGGER W.P. Weikel  
 WATER LEVEL AND DATE 11 7/10/91 EXCAVATION METHOD CASE 780 backhoe  
 APPROXIMATE DIMENSIONS: LENGTH 40 WIDTH 4 DEPTH 11'

REMARKS	COMMENTS
<p>Yellow-brown gravelly silt</p> <p>Brown gravelly silt</p> <p>Reddish-brown gravel</p> <p>Silt</p> <p>Black stained gravel</p> <p>Shale</p> <p>Water</p>	<p>HNu = 0 ppm Hg = 0 mg/m<sup>3</sup></p> <p>HNu = .25 ppm Hg = 0 mg/m<sup>3</sup></p> <p>HNu = .25 ppm Hg = 0 mg/m<sup>3</sup> Water at 11'</p>

10 20 30 40 50 60 70  
LENGTH (FT)

PROJECT NUMBER

3698

TEST PIT NUMBER

TP-8

SHEET OF

TEST PIT WALL LOG

PROJECT Newbrook Lagoon Site (Algebra Inc.) LOCATION Lagoon #3 MAP OF N WALL OF PIT

ELEVATION                      CONTRACTOR Ciccone DATE EXCAVATED 2/10/91

WATER LEVEL AND DATE 10' 7/10/91 EXCAVATION METHOD Case 780 backhoe LOGGER W.P. Welsch

APPROXIMATE DIMENSIONS: LENGTH 33 WIDTH 4' DEPTH 10' up REMARKS                     

COMMENTS

Brown-yellow gravelly silt

Grey gravelly silt with black stain

Grey silt

Reddish-brown gravel

Water

H<sub>2</sub>Nu = 0ppm  
Hg = 0mg/m<sup>3</sup>

H<sub>2</sub>Nu = 0ppm  
Hg = 0mg/m<sup>3</sup>

H<sub>2</sub>Nu = 0ppm  
Hg = 0mg/m<sup>3</sup>  
Water at 10'

10 20 30 40  
DEPTH (FT)

PROJECT NUMBER

3698

TEST PIT NUMBER

TP-9

SHEET OF

TEST PIT WALL LOG

PROJECT Maybrook Lagoon Site (Nepera Inc) LOCATION Lagoon #3 MAP OF W WALL OF PIT

ELEVATION \_\_\_\_\_ CONTRACTOR Ciscone DATE EXCAVATED 7/19/91

WATER LEVEL AND DATE 12-7/91 EXCAVATION METHOD Case 780 backhoe LOGGER G.P. Webster

APPROXIMATE DIMENSIONS: LENGTH 60' WIDTH 4' DEPTH 12' REMARKS

DEPTH	REMARKS	COMMENTS
0 - 12'	Brown gravelly material	HNu = 0 ppm Hg = 0 mg/m <sup>3</sup>
12 - 18'	weathered shale, yellow brown silt	HNu = 0 ppm Hg = 0 mg/m <sup>3</sup>
18 - 60'	Grey poorly graded gravel with black stains	HNu = 0 ppm Hg = 0 mg/m <sup>3</sup>
60 - 70'	Water	Water at 12'

BAMBLE

TYPE #2

10 20 30 40 50 60 70

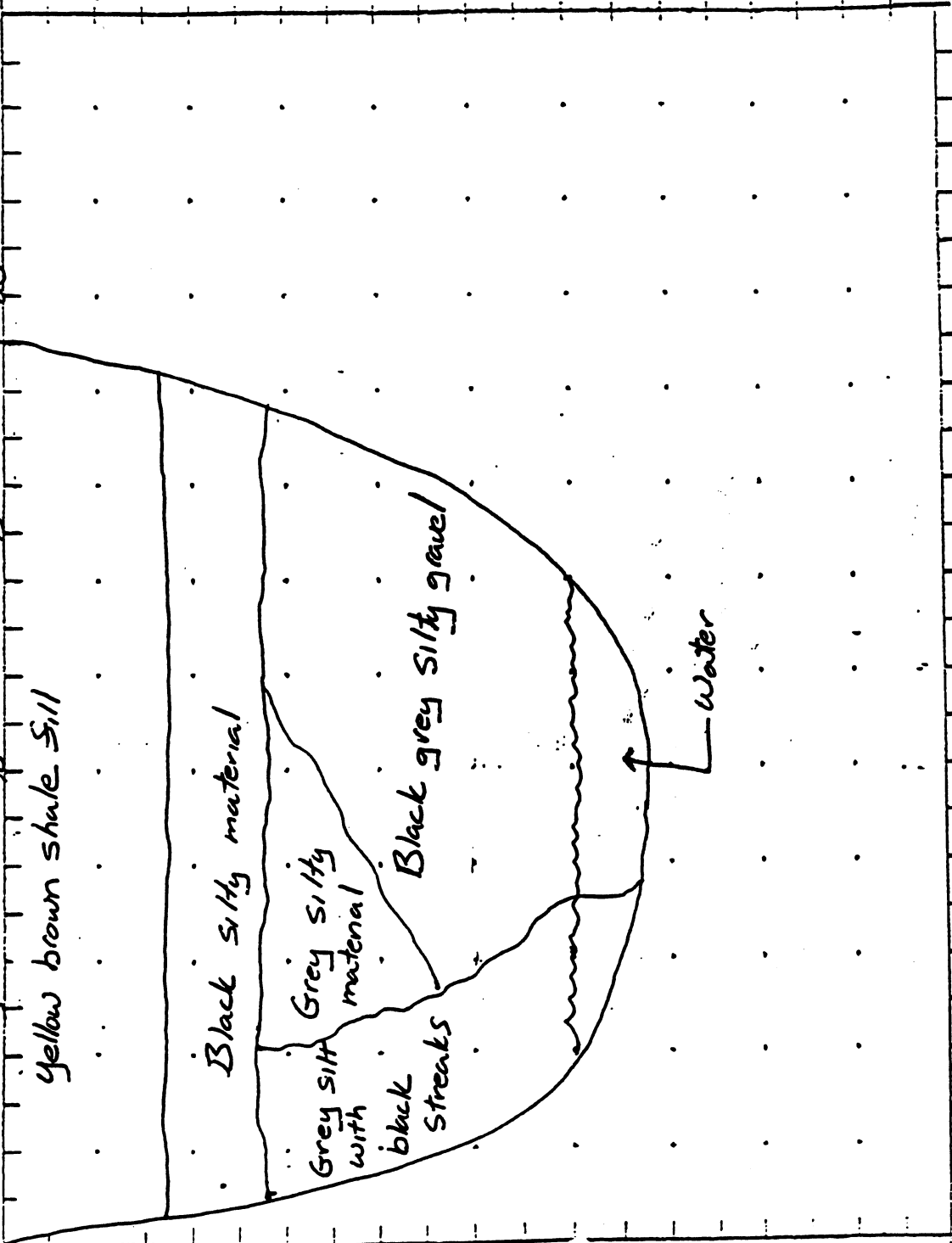
PROJECT NUMBER  
3678

TEST PIT NUMBER  
TP-10

SHEET OF

TEST PIT WALL LOG

PROJECT Mybrook Lagoon Site (Napier Inc.) LOCATION Lagoon #3 MAP OF N. WALL OF PIT  
 ELEVATION \_\_\_\_\_ CONTRACTOR C. K. Carr DATE EXCAVATED 7/19/91  
 WATER LEVEL AND DATE 12' 7/19/91 EXCAVATION METHOD Case 789 backhoe LOGGER W.P. Welseth  
 APPROXIMATE DIMENSIONS: LENGTH 13.5' WIDTH 4' DEPTH 20' REMARKS \_\_\_\_\_



H<sub>2</sub>O = 0 ppm  
H<sub>2</sub> = 0 mg/m<sup>3</sup>

H<sub>2</sub>O = 0 ppm  
H<sub>2</sub> = 0 mg/m<sup>3</sup>

H<sub>2</sub>O = 0 ppm  
H<sub>2</sub> = 0 mg/m<sup>3</sup>

H<sub>2</sub>O = 0 ppm  
H<sub>2</sub> = 0 mg/m<sup>3</sup>  
water at 10'

SAMPLE

5  
3  
2  
1

5 10 15 20

FEET

TEST PIT WALL LOG

PROJECT Baybrook Lagoon Site (Nepesa Inc.) LOCATION Lagoon #1 MAP OF S WALL OF PIT  
 ELEVATION \_\_\_\_\_ DATE EXCAVATED 7/9/91  
 CONTRACTOR Ciccone LOGGER \_\_\_\_\_  
 WATER LEVEL AND DATE \_\_\_\_\_ EXCAVATION METHOD \_\_\_\_\_  
 APPROXIMATE DIMENSIONS: LENGTH 10' WIDTH 4' DEPTH 3' REMARKS \_\_\_\_\_

DEPTH (FT)	COMMENTS
0 - 1	Yellow/brown shale
1 - 3	Crushed carbonyl and many fragments (rings, cardboard), white, brown + black sludges
1	white sludge → HNu = 3ppm Hg = .008 mg/m <sup>3</sup>
2	brown sludge → HNu = 7ppm Hg = 0 mg/m <sup>3</sup>
3	black sludge → HNu = 3ppm Hg = 0 mg/m <sup>3</sup>
4	
5	
6	
7	
8	
9	
10	

LENGTH (FT)

PROJECT NUMBER  
3698

TEST PIT NUMBER  
TP-11B

SHEET

OF

TEST PIT WALL LOG

PROJECT Raybrook Lagoon Site (Alperin Inc.) LOCATION Lagoon #1 MAP OF N. WALL OF PIT  
 ELEVATION \_\_\_\_\_ DATE EXCAVATED 7/9/91  
 CONTRACTOR CICONE LOGGER W.P. WILKIN  
 WATER LEVEL AND DATE \_\_\_\_\_ EXCAVATION METHOD CASE  
 APPROXIMATE DIMENSIONS: LENGTH 24' DEPTH 11' WIDTH 9'

REMARKS	DEPTH	COMMENTS
Shale sill	0 - 11'	H <sub>2</sub> O = 0 ppm Hg = 0 mg/m <sup>3</sup>
Discontinuous black stain	11' - 12'	H <sub>2</sub> O = 0 ppm Hg = 0 mg/m <sup>3</sup>
Olive-grey silty material	12' - 13'	H <sub>2</sub> O = 0 ppm Hg = 0 mg/m <sup>3</sup>
Black stain	13' - 14'	H <sub>2</sub> O = 0 ppm Hg = 0 mg/m <sup>3</sup>
Shale	14' - 15'	H <sub>2</sub> O = 0 ppm Hg = 0 mg/m <sup>3</sup>

SAMPLE  
 1  
 2  
 3  
 4  
 5

LENGTH (FT)



PROJECT NUMBER  
3698

TEST PIT NUMBER  
TP-12

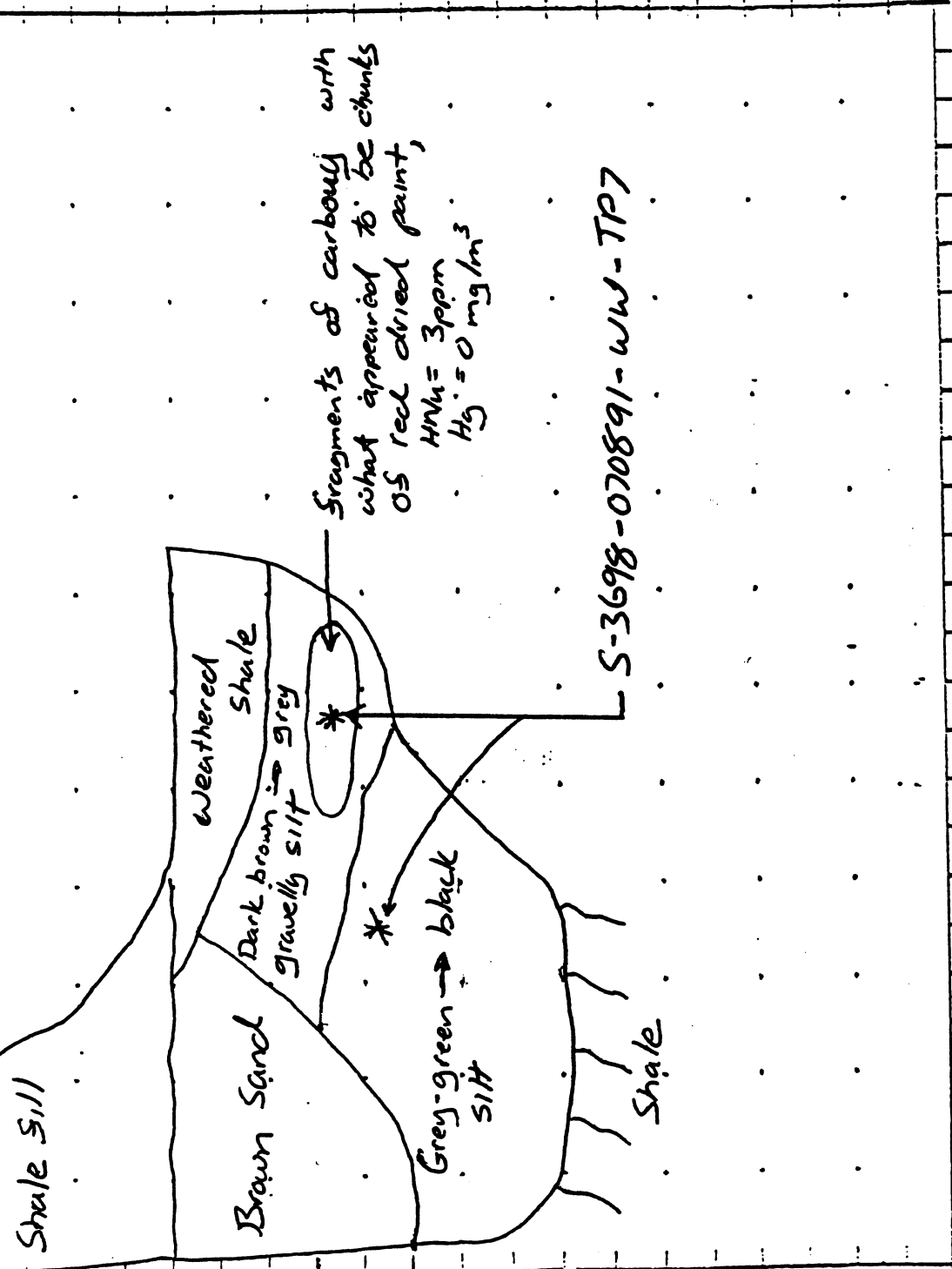
SHEET

OF

TEST PIT WALL LOG

PROJECT Maybrook Lagoon Site (Alparis Inc.) LOCATION Lagoon #1 MAP OF W WALL OF PIT  
 ELEVATION \_\_\_\_\_ DATE EXCAVATED 7/8/91  
 CONTRACTOR CACORC LOGGER W.P. Welsch  
 WATER LEVEL AND DATE \_\_\_\_\_ EXCAVATION METHOD Case 750 buckets  
 APPROXIMATE DIMENSIONS: LENGTH 29' WIDTH 4' DEPTH 1d up

COMMENTS



S-3698-070891-WW-TP7

SAMPLE  
 5 8 5  
 3 8 5  
 1 8 5

7  
9

DEPTH 40  
DISTANCE 30

PROJECT NUMBER  
3698

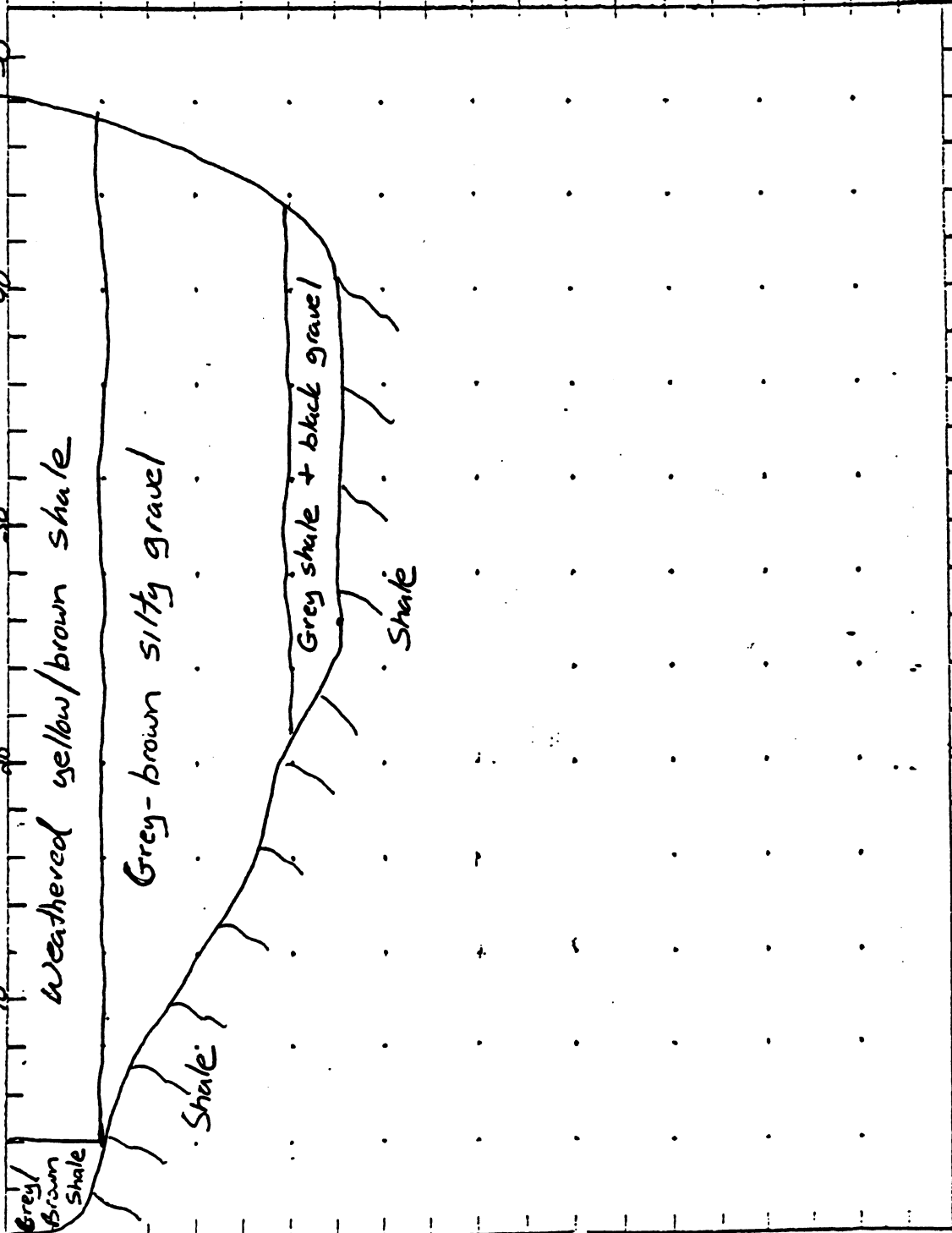
TEST PIT NUMBER  
TP-13

SHEET OF

TEST PIT WALL LOG

PROJECT Maybrook Lagoon Site (Nepera Inc.) LOCATION Lagoon #1 MAP OF N WALL OF PIT  
ELEVATION \_\_\_\_\_ DATE EXCAVATED 7/8/91  
CONTRACTOR Ciccone EXCAVATION METHOD Case 780 backhoe LOGGER W.P. Weber  
WATER LEVEL AND DATE \_\_\_\_\_  
APPROXIMATE DIMENSIONS: LENGTH 48' WIDTH 4' DEPTH 7'

REMARKS



COMMENTS

H<sub>NH<sub>4</sub></sub> = 0ppm  
Hg = 0mg/m<sup>3</sup>

H<sub>NH<sub>4</sub></sub> = 0ppm  
Hg = 0mg/m<sup>3</sup>

SAMPLE  
NO. 1  
DEPTH  
IN FEET

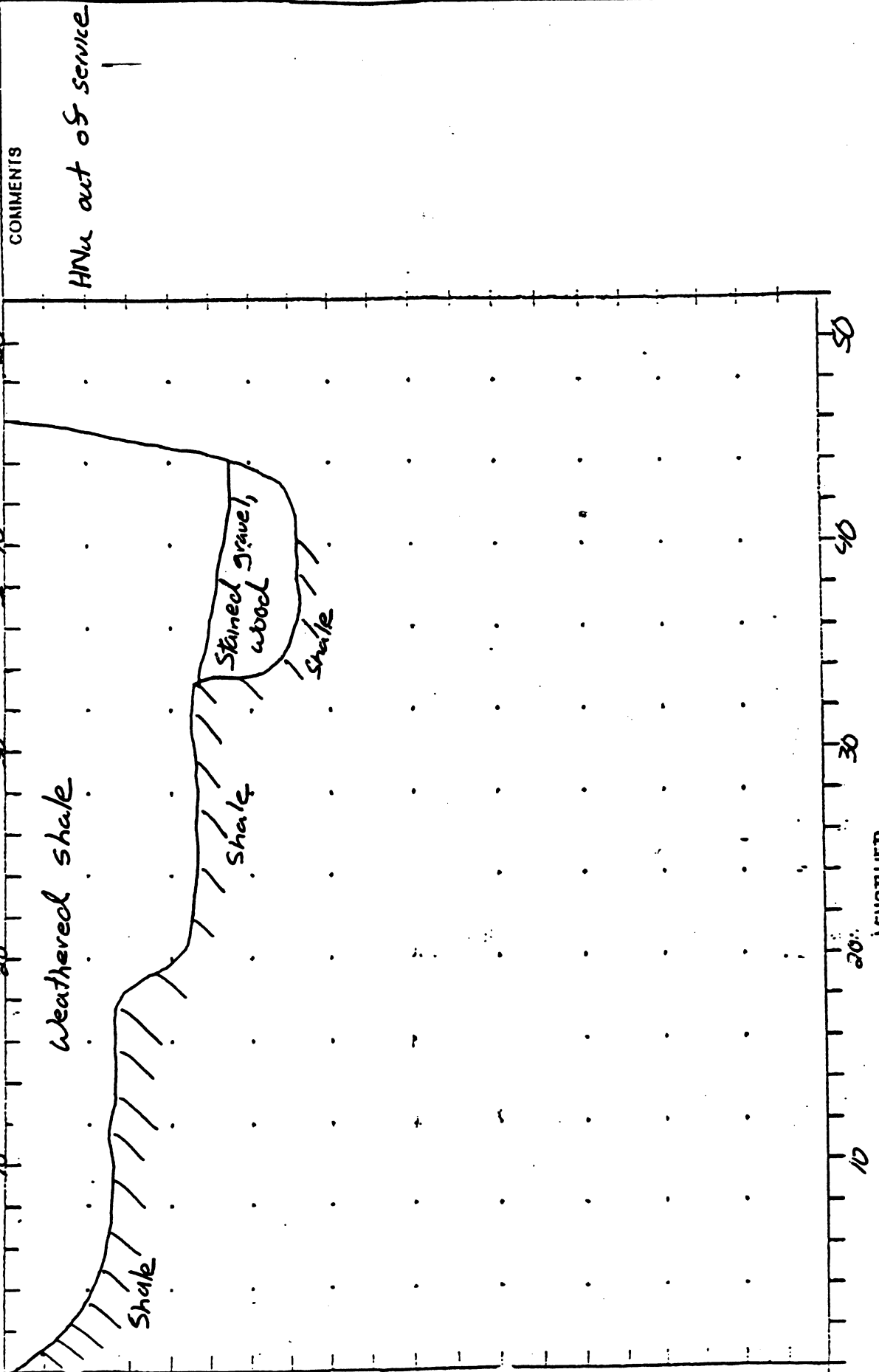
PROJECT NUMBER  
3698

TEST PIT NUMBER  
TP-14

SHEET OF

TEST PIT WALL LOG

PROJECT Maybrook Lagoon Site (Nepera Inc.) LOCATION Lagoon #1 MAP OF N WALL OF PIT  
ELEVATION \_\_\_\_\_ CONTRACTOR Siccane DATE EXCAVATED 7/6/91  
WATER LEVEL AND DATE \_\_\_\_\_ EXCAVATION METHOD Case 750 backhoe LOGGER W.P. Wetsel  
APPROXIMATE DIMENSIONS: LENGTH 46' WIDTH 4' DEPTH 7' REMARKS \_\_\_\_\_



COMMENTS

HNu out of service

SAMPLE  
NO. 1  
NO. 2  
NO. 3

1 FOURTH INCH

PROJECT NUMBER

3698

TEST PIT NUMBER

TP-15

SHEET OF

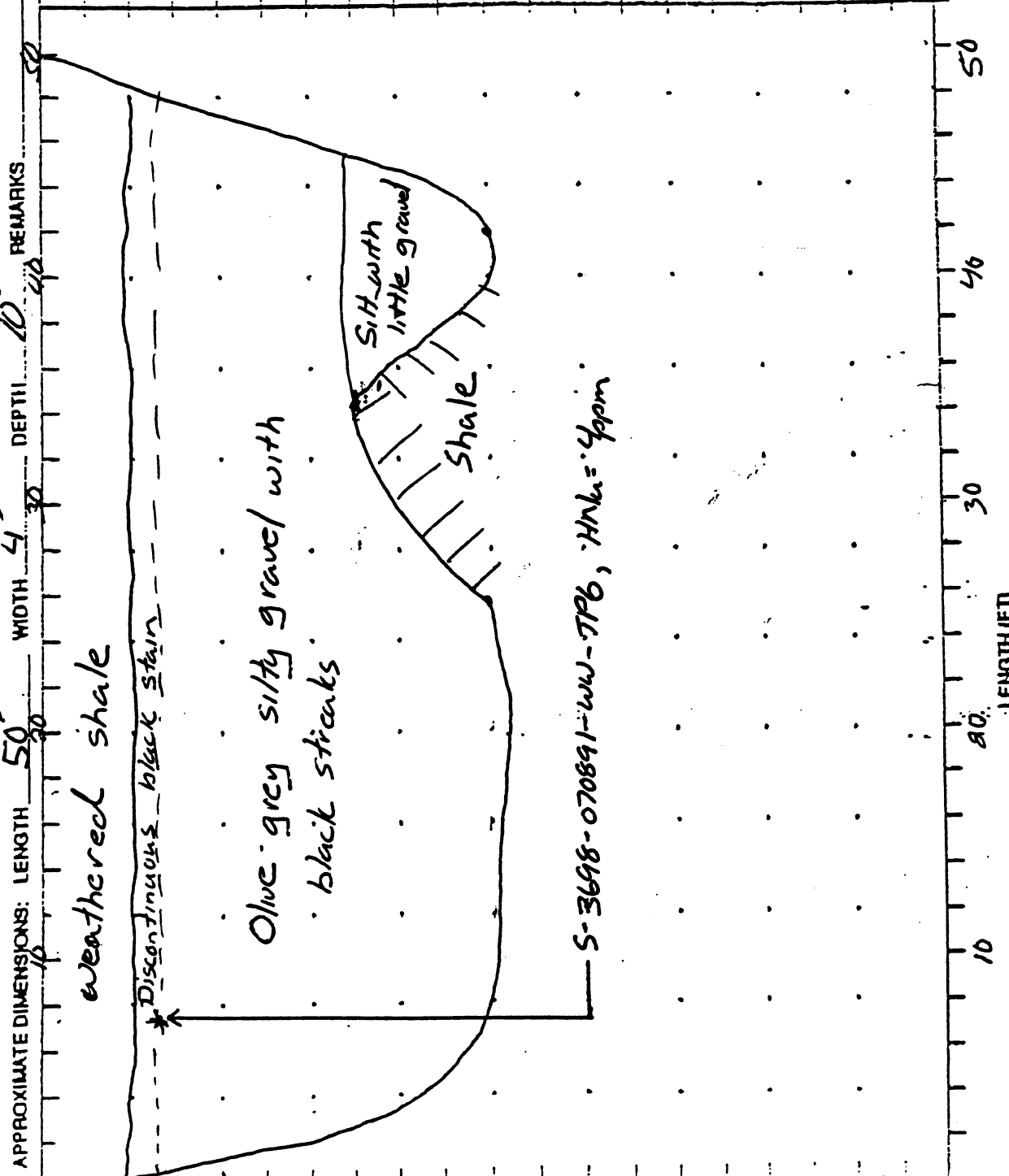
TEST PIT WALL LOG

PROJECT Maybrook Lagoon Site (Nepesa Inc.) LOCATION Lagoon #2/#3 MAP OF N WALL OF PIT

ELEVATION \_\_\_\_\_ CONTRACTOR C&Cone DATE EXCAVATED 7/8/91

WATER LEVEL AND DATE \_\_\_\_\_ EXCAVATION METHOD Case 780 backhoe LOGGER W.P. Webeck

APPROXIMATE DIMENSIONS: LENGTH 50' WIDTH 4' DEPTH 10' REMARKS \_\_\_\_\_



SAMPLE

1  
2  
3  
4

2

4

COMMENTS

HNu = 0ppm

HNu = 4ppm

HNu = 3ppm

S-3698-070891-WW-TP6, HNu = 4ppm

LENGTH (FT)



PROJECT NUMBER

3698

TEST PIT NUMBER

TP-17

SHEET

OF

TEST PIT WALL LOG

PROJECT Maybrook Lagoon Site (Naperu Inc.) LOCATION Lagoon # 1/8 MAP OF E WALL OF PIT

ELEVATION \_\_\_\_\_ CONTRACTOR Ciccione DATE EXCAVATED 7/5/91

WATER LEVEL AND DATE \_\_\_\_\_ EXCAVATION METHOD Case 780 backhoe LOGGER W.P. Welsek

APPROXIMATE DIMENSIONS: LENGTH 15' WIDTH 4' DEPTH 6.5' REMARKS \_\_\_\_\_

COMMENTS

Yellow brown shale



Black Shale

Rusted drum that appeared to contain oil, HNU=0ppm.

HNU = 0ppm  
Hg = 0 mg/m<sup>3</sup>

HNU = 0ppm  
Hg = 0 mg/m<sup>3</sup>

5 10 15 20  
LENGTH (FT)

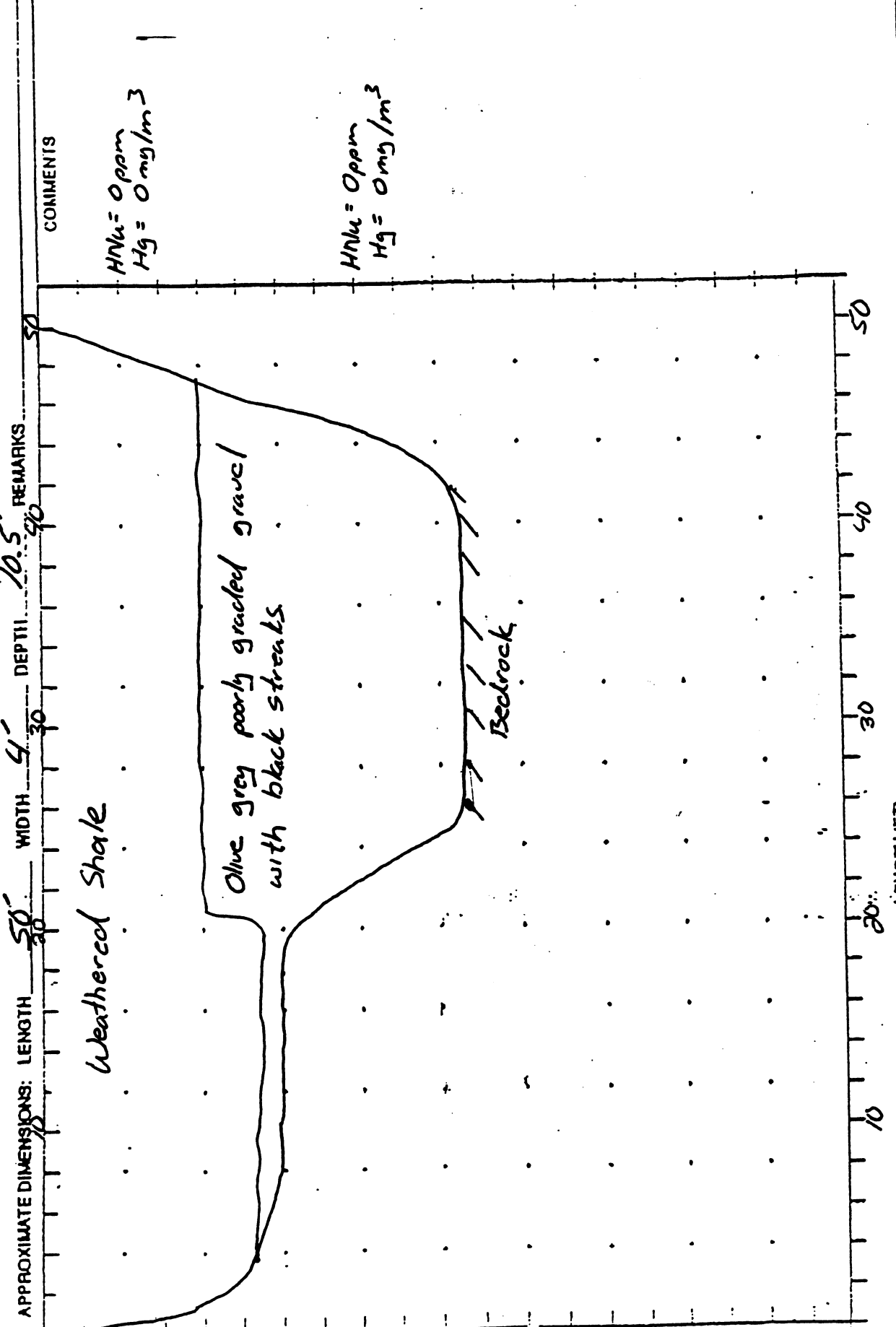
PROJECT NUMBER  
3698

TEST PIT NUMBER  
TP-18

SHEET OF

TEST PIT WALL LOG

PROJECT Maybrook Lagoon Site (Nippon Inc.) LOCATION Lagoon # 2 MAP OF N. WALL OF PIT  
ELEVATION \_\_\_\_\_ CONTRACTOR CILCOE DATE EXCAVATED 7/5/91  
WATER LEVEL AND DATE \_\_\_\_\_ EXCAVATION METHOD Case 780 backhoe LOGGER WLP w/sek  
APPROXIMATE DIMENSIONS: LENGTH 50' WIDTH 4' DEPTH 10.5' REMARKS \_\_\_\_\_

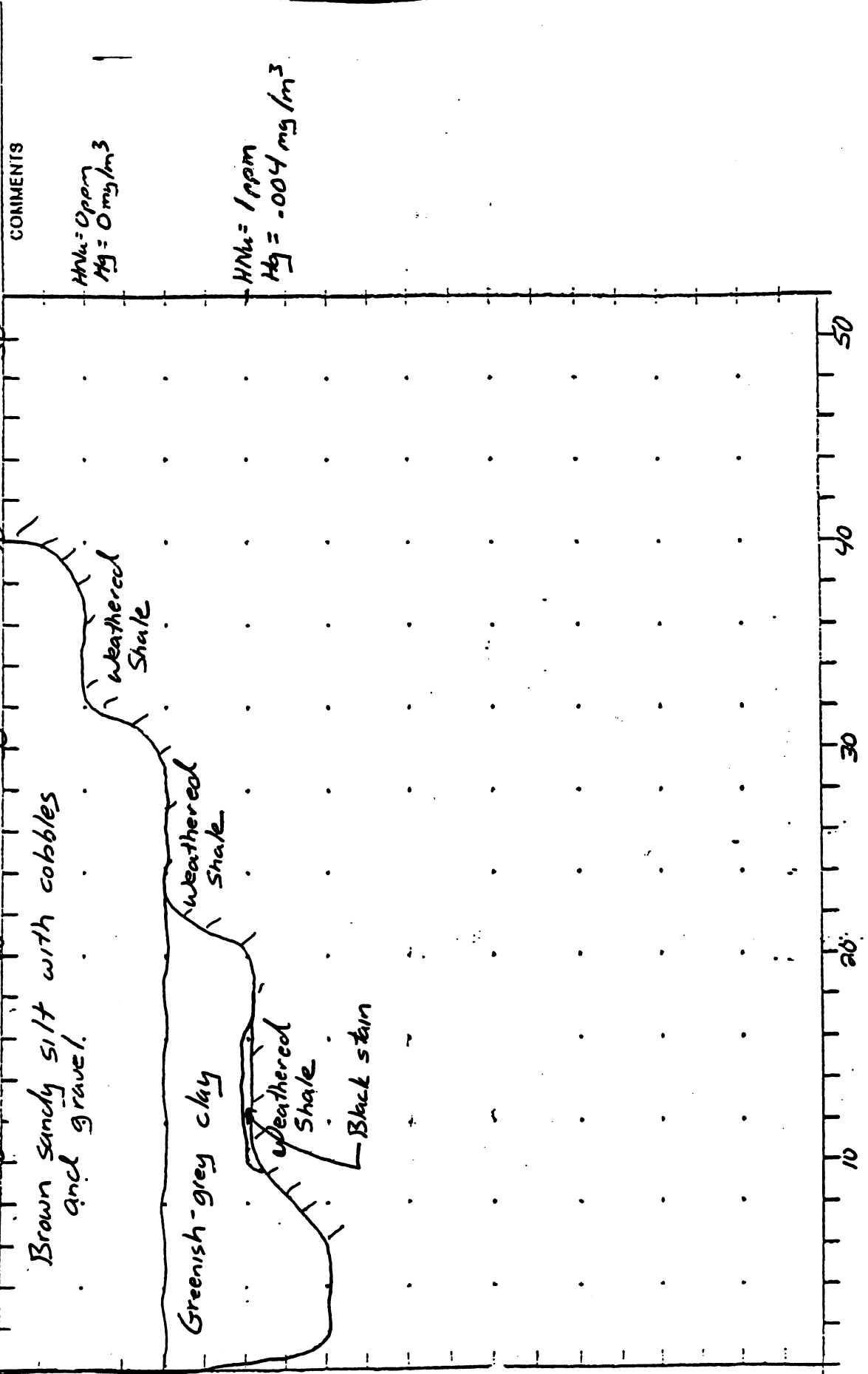


50  
40  
30  
20  
10

COMMENTS

TEST PIT WALL LOG

PROJECT: Maybrook Lagoon Site (Nepesa Inc.) LOCATION: Lagoon #2 MAP OF: S WALL OF PIT  
 ELEVATION: \_\_\_\_\_ CONTRACTOR: Ciccane DATE EXCAVATED: 7/3/91  
 WATER LEVEL AND DATE: \_\_\_\_\_ EXCAVATION METHOD: Case 780 backhoe LOGGER: G.P. Wetschek  
 APPROXIMATE DIMENSIONS: LENGTH: 40' WIDTH: 4' DEPTH: 8' REMARKS: \_\_\_\_\_



COMMENTS  
 H<sub>2</sub>Nu = 0 ppm  
 Mg = 0 mg/m<sup>3</sup>  
 H<sub>2</sub>Nu = 1 ppm  
 Mg = .004 mg/m<sup>3</sup>

SAMPLE NO. \_\_\_\_\_  
 DATE \_\_\_\_\_



PROJECT NUMBER

3698

TEST PIT NUMBER

TP-20

SHEET

OF

TEST PIT WALL LOG

MAP OF 5 WALL OF PIT

LOCATION Lagoon #4

PROJECT Maybrook Lagoon Site (Napa Inc)

DATE EXCAVATED 7/1/91

CONTRACTOR Cicon e

ELEVATION 7/1/91

LOGGER W.P. Welbeck

EXCAVATION METHOD Case 780 backhoe

WATER LEVEL AND DATE 9' 7/1/91

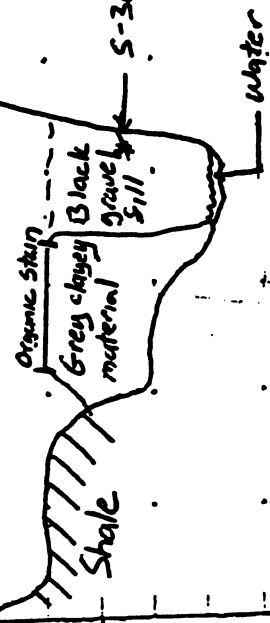
DEPTH 9'

WIDTH 4'

APPROXIMATE DIMENSIONS: LENGTH 52'

Top soil

Yellowish brown Sill



5-3698-070191 - WW-TP3, HNu = 1ppm

HNu = 0ppm

HNu = 1ppm

Water at 9'

COMMENTS

SAMPLE

7

10 20 30 40 50 60

PROJECT NUMBER  
3698

TEST PIT NUMBER  
TP-22

SHEET OF

TEST PIT WALL LOG

PROJECT Maybrook Lagoon Site (Nepersa Ex.) LOCATION Lagoon #4 MAP OF N WALL OF PIT

ELEVATION \_\_\_\_\_ CONTRACTOR Calcone DATE EXCAVATED 7/2/91

EXCAVATION METHOD Case 780 backhoe LOGGER W.P. W/sek

WATER LEVEL AND DATE \_\_\_\_\_

APPROXIMATE DIMENSIONS: LENGTH 30' WIDTH 4' DEPTH 10' REMARKS \_\_\_\_\_

COMMENTS

Gravelly silt

Rock face

Gravelly silt with evidence of Silt (wood)

Poorly graded gravel: black, red, blue-grey, olive

Olive sandy silt  
Grey sandy silt

HNu = Open

HNu = .5 ppm

S-3698-070291-WW-TP4, HNu = .5 ppm



FOOTING

SAMPLE  
2  
3  
4  
5  
6  
7

7

PROJECT NUMBER

3698

TEST PIT NUMBER

TP-23

SHEET

OF

TEST PIT WALL LOG

PROJECT Maybank Lagoon Site (Nepesa Inc) LOCATION Lagoon #4 MAP OF E WALL OF PIT

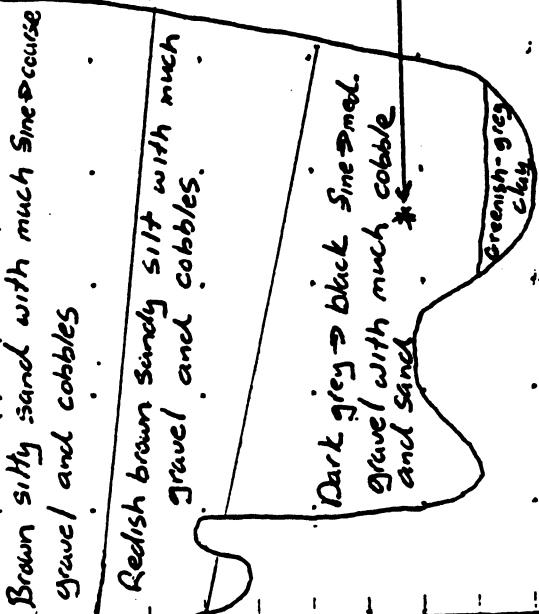
ELEVATION \_\_\_\_\_ CONTRACTOR Ciclope DATE EXCAVATED 7/3/91

WATER LEVEL AND DATE 6' 7/3/91 EXCAVATION METHOD Cass. 780 backhoe LOGGER W.P. Weisbach

APPROXIMATE DIMENSIONS: LENGTH 56' WIDTH 4' DEPTH 10' REMARKS

DEPTH (FEET)	REMARKS	COMMENTS
0 - 10	Brown silty sand with much silt & coarse gravel and cobbles	HNu = 0ppm
10 - 20	Reddish brown sandy silt with much gravel and cobbles.	HNu = 0ppm
20 - 30	Dark grey to black silt med. gravel with much cobble and sand	Water at 6'
30 - 40	Greenish-grey clay	HNu = 3ppm
40 - 50		
50 - 60		
60 - 70		
70 - 80		
80 - 90		
90 - 100		

S-3698-070391 - WW - TPS, HNu 3ppm



10 20 30 40 50 60 DEPTH (FEET)



PROJECT NUMBER

3698

TEST PIT NUMBER

TP-26

SHEET

OF

TEST PIT WALL LOG

PROJECT Highbrook Lagoon Site (Nepera Inc) LOCATION Lagoon #4 MAP OF S WALL OF PIT  
 ELEVATION \_\_\_\_\_ DATE EXCAVATED 7/21/91  
 CONTRACTOR Siecan LOGGER W.P. Wolksek  
 WATER LEVEL AND DATE 10' 7/21/91 EXCAVATION METHOD Cass 750 backhoe  
 APPROXIMATE DIMENSIONS: LENGTH 35' WIDTH 4' DEPTH 10' REMARKS \_\_\_\_\_

COMMENTS

Yellowish brown silty gravel

Black gravelly material

Olive grey sandy silt with black streaks

Blue-grey poorly graded gravel

Water

Water

S-3698-070291-WJ-TP4

HNu = 0ppm

HNu = .5ppm

Water at 10'

10 20 30 40 50 LENGTH (FT)

SAMPLE NO. 1-5

PROJECT NUMBER  
3698

TEST PIT NUMBER  
TP-27

SHEET OF

TEST PIT WALL LOG

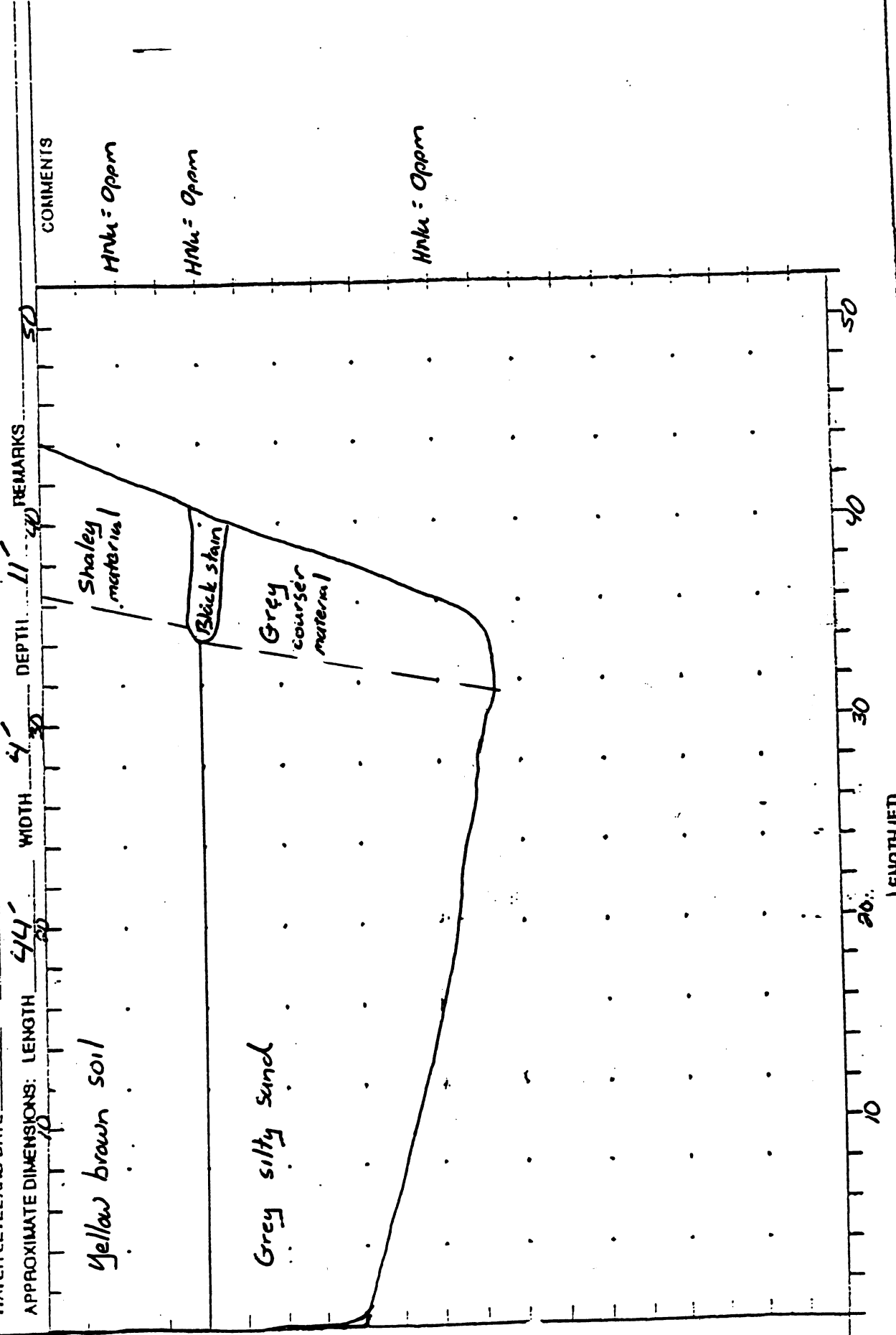
PROJECT Mudbrook Lagoon Site (Nepco Inc.) LOCATION Lagoon #4 MAP OF N WALL OF PIT

ELEVATION \_\_\_\_\_ DATE EXCAVATED 7/2/91

CONTRACTOR Cilcon EXCAVATION METHOD Case LOGGER W.P. Weibel

WATER LEVEL AND DATE \_\_\_\_\_

APPROXIMATE DIMENSIONS: LENGTH 44' WIDTH 4' DEPTH 11' REMARKS SD



SAMPLE

2  
3  
4  
5

REMARKS

PROJECT NUMBER

3698

TEST PIT NUMBER

TP-28

SHEET

OF

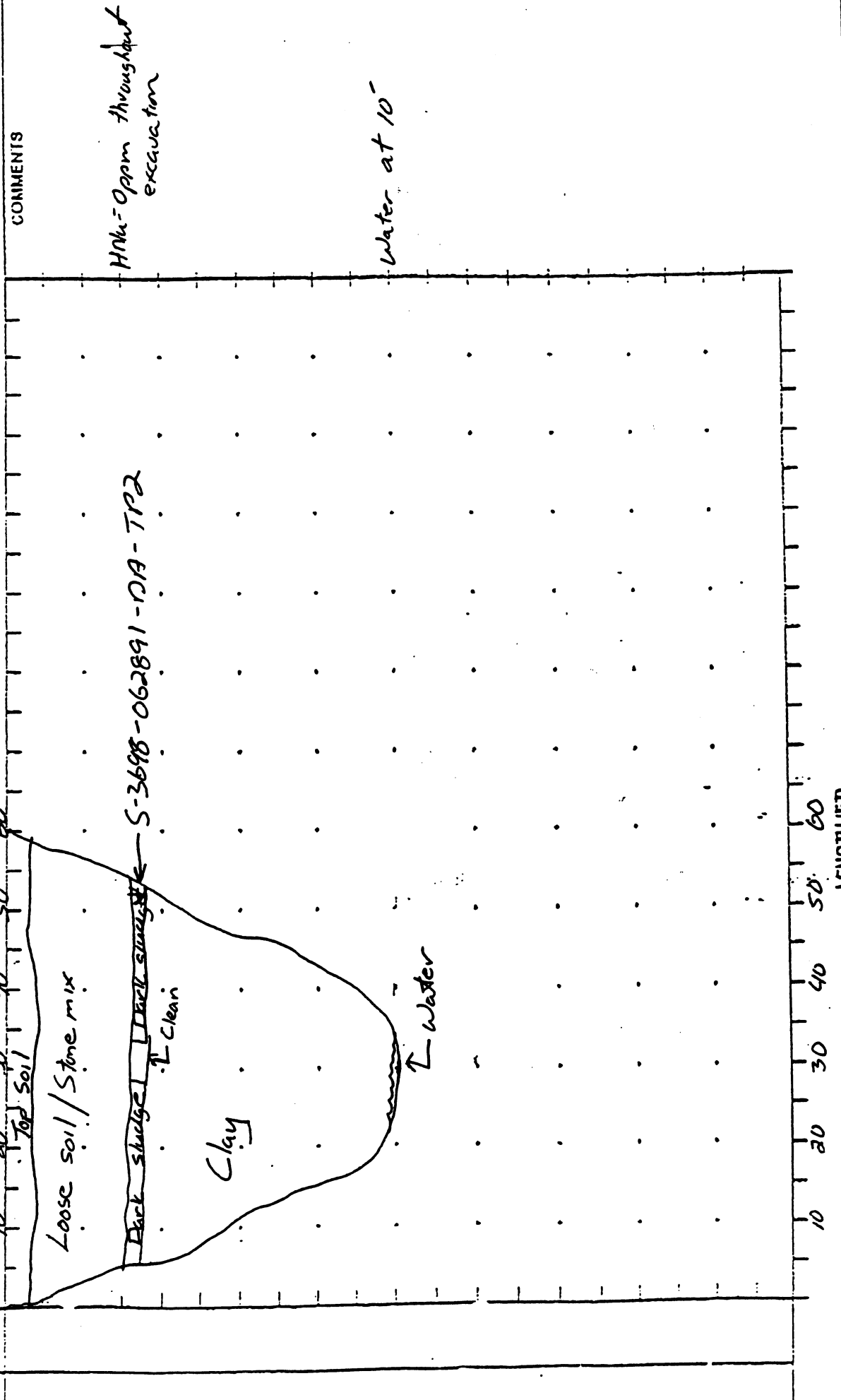
TEST PIT WALL LOG

PROJECT Maybrook Layover Site (Alperia Inc.) LOCATION Lagoon S/4 MAP OF E WALL OF PIT

ELEVATION \_\_\_\_\_ CONTRACTOR Ciccone DATE EXCAVATED 6/28/91

WATER LEVEL AND DATE 10' 6/28/91 EXCAVATION METHOD Case 750 Backhoe LOGGER R. Altman

APPROXIMATE DIMENSIONS: LENGTH 60' WIDTH 4' DEPTH 10' REMARKS



COMMENTS

Hand-Open throughout excavation

Water at 10'

SAMPLE

3  
2  
1

PROJECT NUMBER: 3698  
 TEST PIT NUMBER: TP-29  
 SHEET: OF

TEST PIT WALL LOG

PROJECT: Maybank Lagoon Site (Nepela Inc) LOCATION: Lagoon 5/4 MAP OF: W WALL OF PIT  
 ELEVATION: CONTRACTOR: Scaane DATE EXCAVATED: 7/1/91

WATER LEVEL AND DATE: 9' 7/1/91 EXCAVATION METHOD: CASE 780 BACKHOLE LOGGER W.P. WELSEK  
 APPROXIMATE DIMENSIONS: LENGTH: 65' WIDTH: 4' DEPTH: 10'

REMARKS	COMMENTS
Brown top soil w/ roots	
Greysish greenish brown fine & very coarse gravel w/ much silt	
Grey and black mixed silt (stained cobble, gravel and sand)	HNu = 1ppm
	HNu = 3ppm @ 7ppm
	water at 9'





PROJECT NUMBER

3698

TEST PIT NUMBER

7P-38

SHEET

OF

TEST PIT WALL LOG

MAP OF ... WALL OF PIT

PROJECT Marybrook Layson Site (Nepela Inc.) LOCATION Lagoon #6

ELEVATION \_\_\_\_\_ DATE EXCAVATED 6/26/91

CONTRACTOR Cuccane EXCAVATION METHOD Case 780 backhoe LOGGER W.P. White

WATER LEVEL AND DATE \_\_\_\_\_ APPROXIMATE DIMENSIONS: LENGTH 32' WIDTH 3' DEPTH 5' REMARKS

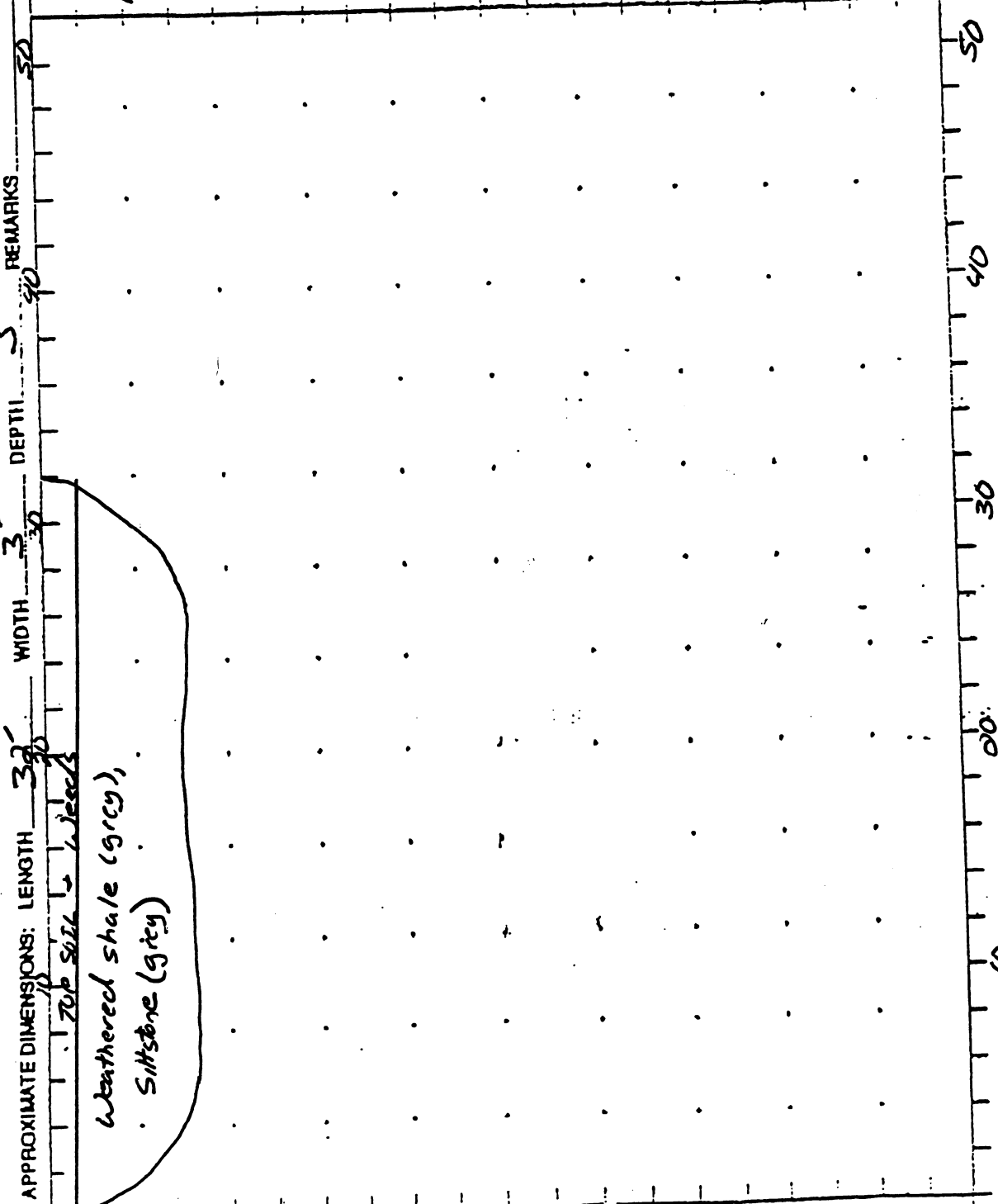
Top Soil - weeds

Weathered shale (grey),

Siltstone (grey)

COMMENTS

ANu = oppm



SAMPLE

NO. OF

PROJECT NUMBER  
3698

TEST PIT NUMBER  
TP-39

SHEET

OF

TEST PIT WALL LOG

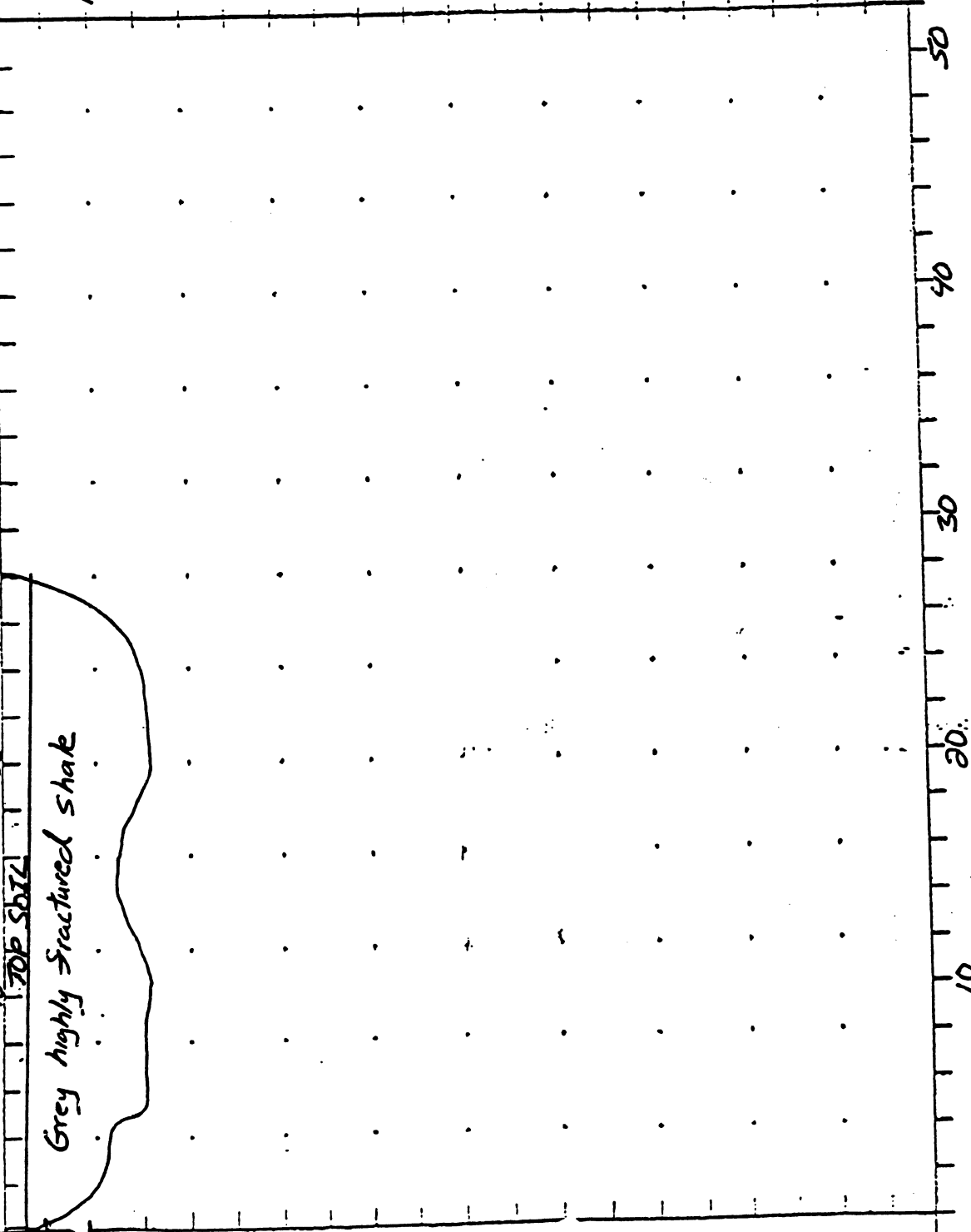
PROJECT Maybrook Lagoon Site (Nepera Inc) LOCATION Lagoon #6 MAP OF N WALL OF PIT  
ELEVATION Ciccone DATE EXCAVATED 6/26/91  
CONTRACTOR Ciccone LOGGER W.P. Welsch  
EXCAVATION METHOD Case 780 backhoe

WATER LEVEL AND DATE  
APPROXIMATE DIMENSIONS: LENGTH 28' DEPTH 3' REMARKS sp  
TOP SHIL

COMMENTS

HNu - 0ppm

Grey highly fractured shale



SAMPLE  
2  
3  
4  
5



PROJECT NUMBER

3698

TEST PIT NUMBER

TP-41

SHEET

OF

TEST PIT WALL LOG

PROJECT Maybrook Lagoon Site (Nepera Imbucation Lagoon #6 MAP OF N WALL OF PIT

ELEVATION \_\_\_\_\_ DATE EXCAVATED 6/26/91

WATER LEVEL AND DATE \_\_\_\_\_ CONTRACTOR Calcone EXCAVATION METHOD Case 780 backhoe LOGGER W.P. White/sek

APPROXIMATE DIMENSIONS: LENGTH 35' WIDTH 4' DEPTH 5' REMARKS \_\_\_\_\_

DEPTH (FT)	REMARKS	COMMENTS
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		

Brown gravelly silt w/ black clay gravel

Brown gravelly silt

Grey highly fractured shale

HNu = Oppm

HNu = Oppm

S-3698-062691-LW-TPI

LENGTH (FT) 10 20 30 40 50



PROJECT NUMBER  
3698

TEST PIT NUMBER  
TP-43

SHEET 1 OF

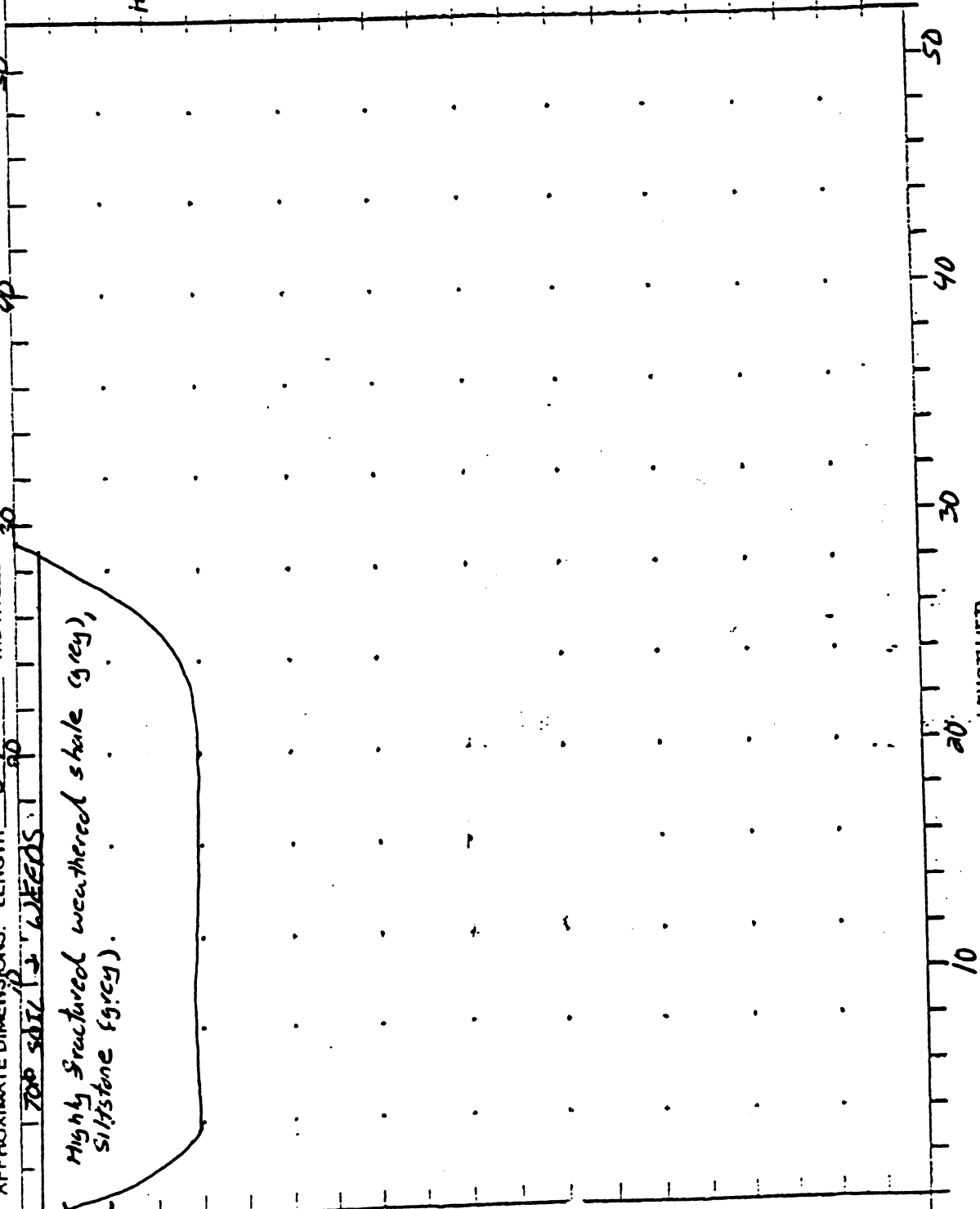
TEST PIT WALL LOG

PROJECT Maybrook Lagoon Site (Nepesa Inc.) LOCATION Lagoon #6 MAP OF M WALL OF PIT  
ELEVATION \_\_\_\_\_ DATE EXCAVATED 6/26/91  
CONTRACTOR CICCOAC LOGGER W.P. Welsek

WATER LEVEL AND DATE \_\_\_\_\_ EXCAVATION METHOD Case 780 backhoe  
APPROXIMATE DIMENSIONS: LENGTH 29' WIDTH 3' DEPTH 4' REMARKS \_\_\_\_\_  
TOP SOIL → WEEDS

Highly fractured weathered shale (grey),  
Siltstone (grey).

COMMENTS  
HNu = Oppm



SAMPLE  
2 3 4 5

PROJECT NUMBER  
3698

TEST PIT NUMBER  
TP-44A

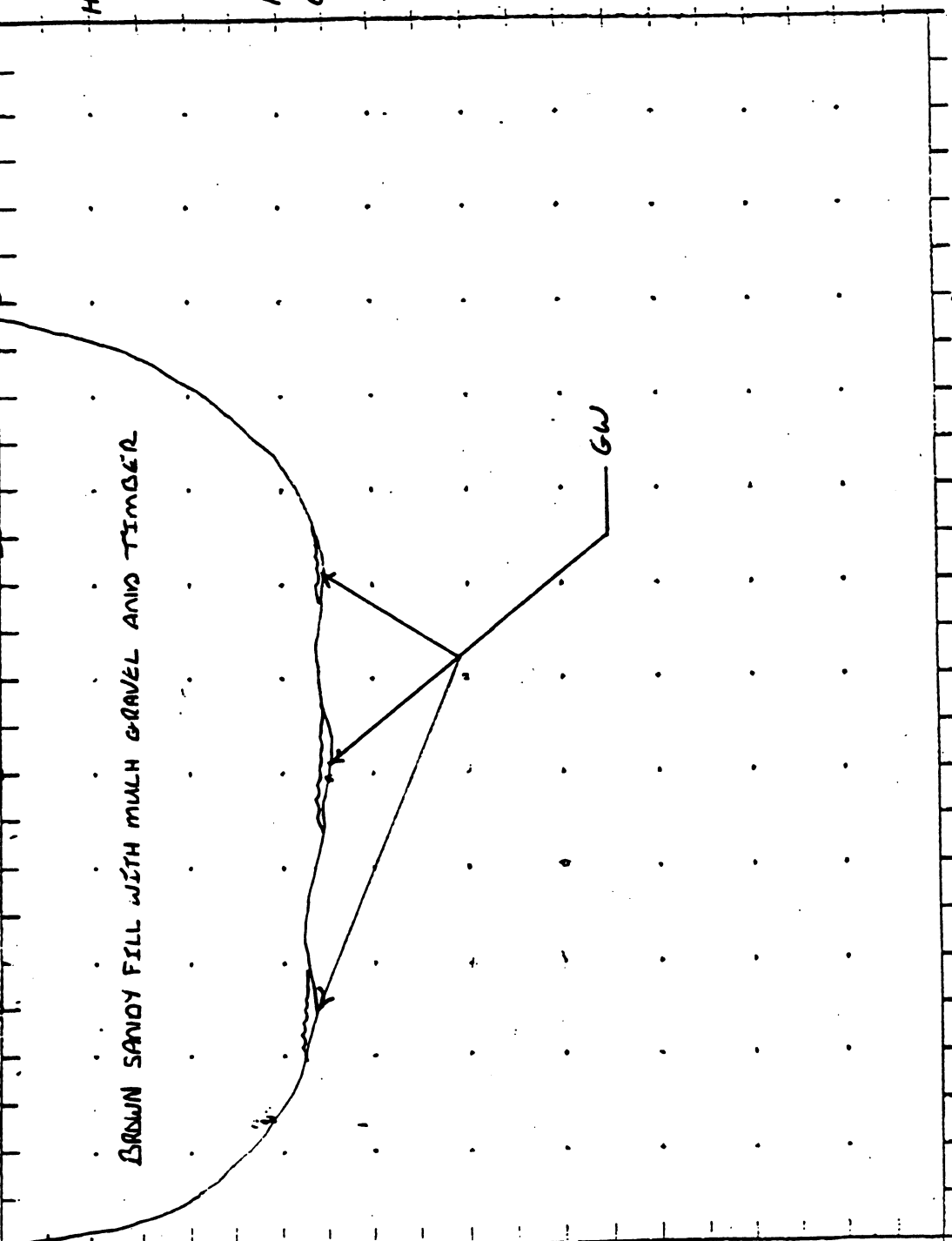
SHEET

OF

TEST PIT WALL LOG

PROJECT MAYBROOK FORMER LAGOON SITE LOCATION MAYBROOK NY MAP OF N WALL OF PIT  
 ELEVATION \_\_\_\_\_ DATE EXCAVATED 12-3-91  
 CONTRACTOR CLEAN HARBORS LOGGER N. WELBEK  
 WATER LEVEL AND DATE 7' 12-3-91 EXCAVATION METHOD CAT 436 BALLADE  
 APPROXIMATE DIMENSIONS: LENGTH 39' WIDTH 4' DEPTH 7' REMARKS \_\_\_\_\_

DEPTH BELOW SURFACE (FT)	SAMPLE NUMBER	REMARKS	COMMENTS
0			
5			HNu = Oppm
10			HNu = Oppm GW AT 7'
15			



PROJECT NUMBER

3698

TEST PIT NUMBER

TP-44B

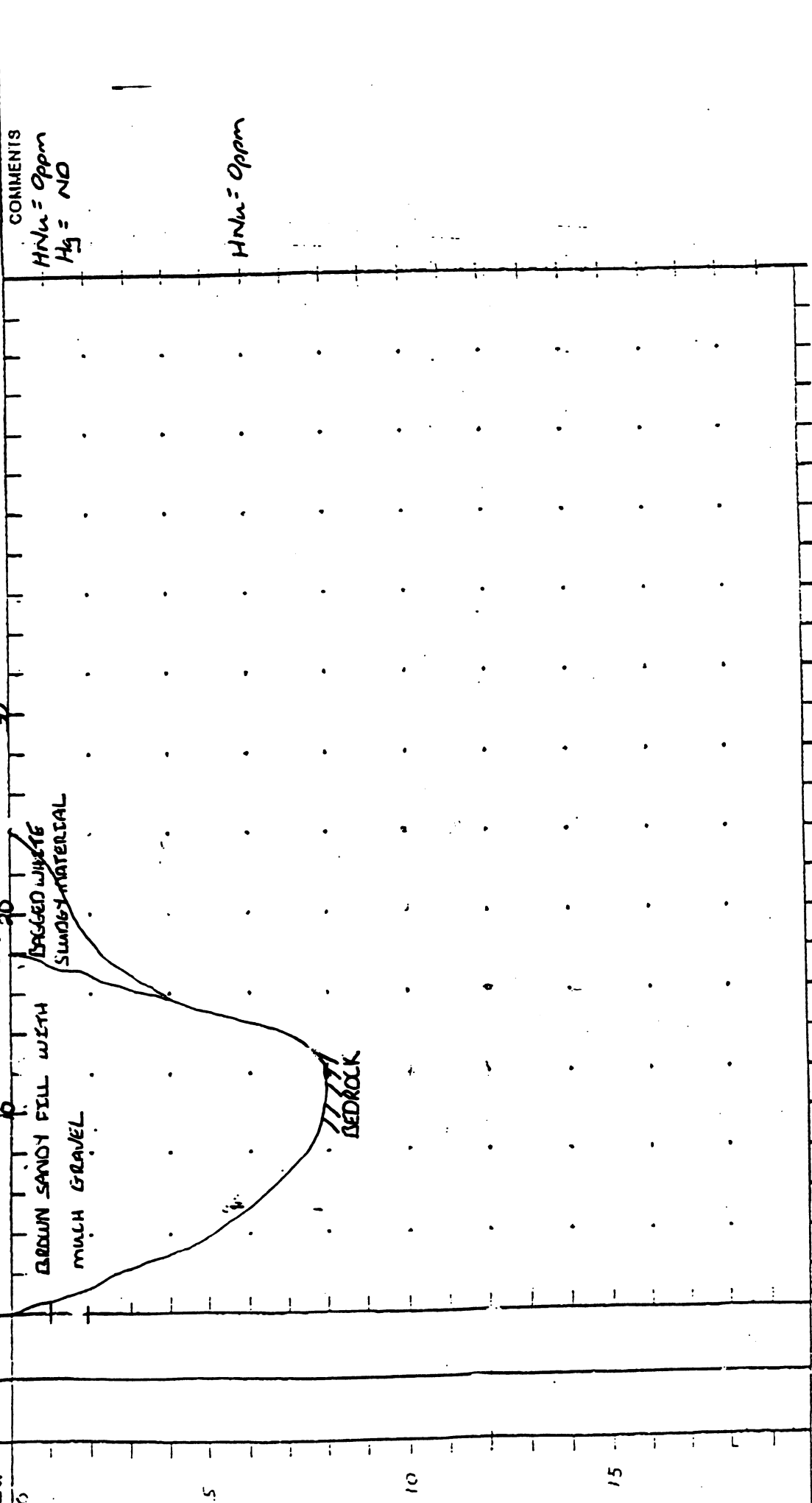
SHEET

OF

TEST PIT WALL LOG

PROJECT MAYBROOK FORMER LAGOON SITE LOCATION MAYBROOK NY MAP OF E WALL OF PIT  
 ELEVATION \_\_\_\_\_ DATE EXCAVATED 12-5-91  
 CONTRACTOR CLEAN HARBORS LOGGER W. Welsch  
 EXCAVATION METHOD CAT 436 BACKHOE LOGGER W. Welsch

WATER LEVEL AND DATE \_\_\_\_\_ DEPTH 5' REMARKS \_\_\_\_\_  
 APPROXIMATE DIMENSIONS: LENGTH 24' WIDTH 4'



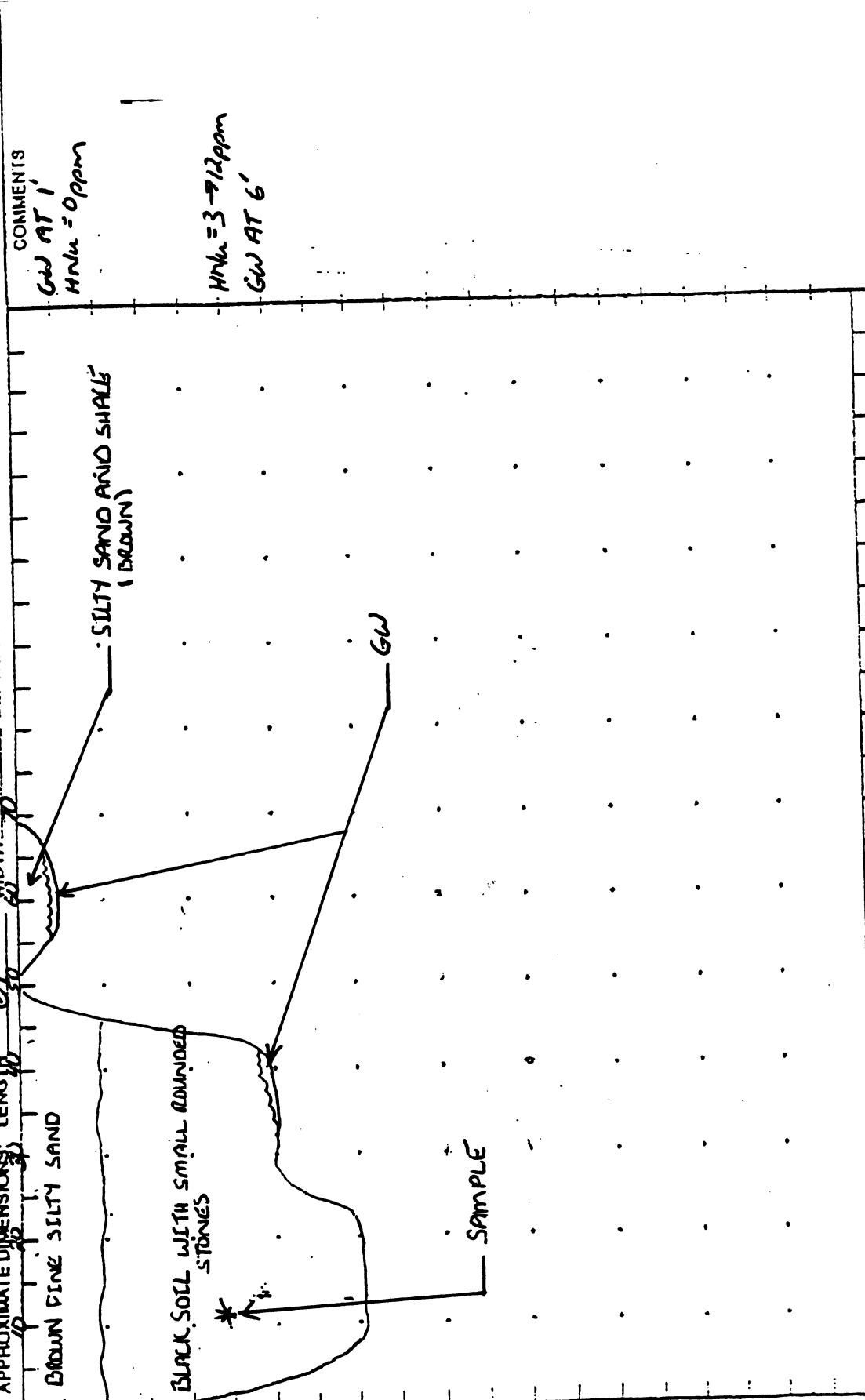
COMMENTS  
 H<sub>Nu</sub> = Open  
 H<sub>g</sub> = NO  
 H<sub>Nu</sub> = Open





TEST PIT WALL LOG

PROJECT **MAYBROOK FORMER CANNON SITE** LOCATION **MAYBROOK NY** MAP OF **W** WALL OF PIT  
 ELEVATION \_\_\_\_\_ DATE EXCAVATED **12-4-91**  
 CONTRACTOR **CLEAN HARBORS** LOGGER **E. FINCK**  
 EXCAVATION METHOD **CAT 436 BACKHOE** LOGGER \_\_\_\_\_  
 WATER LEVEL AND DATE **1, 6' 12-4-91** DEPTH **8'** REMARKS \_\_\_\_\_  
 APPROXIMATE DIMENSIONS: LENGTH **69'** WIDTH **4'**



DEPTH BELOW SURFACE (FT)	TYPE	REMARKS
0		
5	*	
10		
15		

COMMENTS  
 GW AT 1'  
 HNU = 0 ppm  
 HNU = 3 -> 12 ppm  
 GW AT 6'

PROJECT NUMBER

3698

TEST PIT NUMBER

TP-47

SHEET

OF

### TEST PIT WALL LOG

PROJECT MAYBROOK FORMER LADY SITE LOCATION MAYBROOK NY MAP OF W WALL OF PIT  
 ELEVATION \_\_\_\_\_ CONTRACTOR CLEAN HARBOURS DATE EXCAVATED 12-4-91  
 WATER LEVEL AND DATE 3' → 6' 12-4-91 EXCAVATION METHOD CAT 436 BACKHOE LOGGER E. FINCK  
 APPROXIMATE DIMENSIONS: LENGTH 60' WIDTH 4' DEPTH 6' REMARKS

DEPTH BELOW SURFACE (FT)	REMARKS	COMMENTS
0		
5		
10		
15		

LENGTH (FT)



APPENDIX B.2

1995 CURTAIN DRAIN TEST PITS



TEST PIT STRATIGRAPHY LOG

Project Name: NEPERA (MAYBROOK SITE) Contractor: MARCOF - ROCHESTER, N.Y.  
 Project Number: 3698 Date Started: 06-29-95 - 08:15  
 Client: NEPERA Surface Elevation: 366.73 Date Completed: 06-29-95 - 09:30  
 Location: MAYBROOK, N.Y. Test Pit Method: BACKHOE CRA Supervisor: ED FINCK (FIELD)

Depth (mft)		Soil Symbol, Primary Component, Secondary Components, Relative Density/Consistency, Grain Size/Plasticity, Gradation/Structure, Colour, Moisture Content, Supplementary Descriptors	Sample #	Sample Interval	PID	Geologic Profile
From	To					
0	8'	FINE SILTY LOAM			OPM	
8'	9'	CURTAIN DRAIN PIPE BROWN/TAN SILTY CLAY + BROWN SAND			OPM	
		NO SAMPLES COLLECTED				

FORM Completed by: DJ MALAGRIDA Date: 07/19/95  
**CRA**  
 CRA 1001/29/FORM SP-03

TEST PIT STRATIGRAPHY LOG

Project Name: NEPERA (MAYBROOK SITE) Contractor: MARCOR - ROCHESTER, N.Y.  
 Project Number: 3698  
 Client: NEPERA Surface Elevation: 366.84 - 371.29  
 Location: MAYBROOK, N.Y. Test Pit Method: BACKHOE  
 Test Pit Designation: TP-49  
 Date Started: 06-29-95 - 10:39  
 Date Completed: 06-29-95 - 12:20  
 CRA Supervisor: ED. FINCK (FIELD)

Depth (m/ft)		Soil Symbol, Primary Component, Secondary Components, Relative Density/Consistency, Grain Size/Plasticity, Gradation/Structure, Colour, Moisture Content, Supplementary Descriptors	Sample #	Sample Interval	PID	Geologic Profile
From	To					
0	4'	FAN TAN SILTY SAND - 1/4" ROUNDED STONE			0 PPM	
4'	4'	CURTAIN DRAIN PIPE			0-25	
4'	5'	BROWN MEDIUM SAND COBBLES NOTED				
4'	5'	SAMPLE TAKEN FROM BACKHOE BUCKET: S-3698-062995-EFF-041 MS/MSD.				

Location: \_\_\_\_\_  
 Form Completed by: D.J. MACAGRIDA  
 Date: 07-19-95  
**CRA**



TEST PIT STRATIGRAPHY LOG

Project Name: NEPEKA (MAYBROOK SITE) Contractor: MAPCOR - Rochester N.Y. Test Pit Designation: TP-50  
 Project Number: 3698 Surface Elevation: 404.11 - 453.12 Date Started: 06-29-95 - 14:00  
 Client: NEPEKA Test Pit Method: BACK HOE Date Completed: 06-29-95 - 15:05 B.F. - 15:20  
 Location: MAYBROOK, N.Y.

Depth (m/ft)		Soil Symbol, Primary Component, Secondary Components, Relative Density/Consistency, Grain Size/Plasticity, Gradation/Structure, Colour, Moisture Content, Supplementary Descriptors	Sample #	Sample Interval	PID	Geologic Profile
From	To					
0	3'	DRY SILTY TAN LOAM			0 PPM	
3'	4'-6"	TAN SILTY CLAY - COMPACT			0 PPM	
4'-6"	5'-0"	TAN SILTY CLAY - VERY DENSE			0 PPM	
5'-0"	5'	POSSIBLY BEDROCK				
		NO SAMPLE COLLECTED.				

Form Completed by: DEAN MALAGRIDA Date: 07-19-95  
**CRA**

TEST PIT STRATIGRAPHY LOG

Project Name: NEPELA (MAYBROOK SITE) Contractor: MARCOR - ROCHESTER, NY. Test Pit Designation: TP-S1  
 Project Number: 36998 Surface Elevation: 434.62 - 442.25 Date Started: 06-29-95 - 15:45  
 Client: NEPELA Test Pit Method: BACKHOE Date Completed: 06-29-95 - 16:30  
 Location: MAYBROOK, N.Y. CRA Supervisor: ED. FINCK (FIELD)

Depth (m/ft)		Soil Symbol, Primary Component, Secondary Components, Relative Density/Consistency, Grain Size/Plasticity, Gradation/Structure, Colour, Moisture Content, Supplementary Descriptors	Sample #	Sample Interval	PID	Geologic Profile
From	To					
0	4'-6"	TAN SILTY LOAM, DRY + LOOSE			OPM	
4'-6"	4'	CURTAIN DRAIN, TOP OF PIPE			OPM	
4'-6"	5'-0"	TAN SILTY CLAY - DRY COMPACT				
	5'	SAMPLE				
		SAMPLE TAKEN: S-3698-062995-EFF-043 DUPLICATE OF 43: " " - S44 RINSEATE OF SLOW: FB-3698-062995-EFF-042				

Location: \_\_\_\_\_  
 Form Completed by: D.J. MALAGRIDA Date: 07-19-95  
**CRA**  
 CRA 1001/29 / FORM SP-03

TEST PIT STRATIGRAPHY LOG

Project Name: NEPERA (MAYBROOK SITE) Contractor: MARCOR - ROCHESTER, NY  
 Project Number: 3698 Surface Elevation: 391.81 - 413.49  
 Client: NEPERA Test Pit Method: BACKHOLE  
 Location: MAYBROOK, NY Soil Symbol, Primary Component, Secondary Components, Relative Density/Consistency, Grain Size/Plasticity, Gradation/Structure, Colour, Moisture Content, Supplementary Descriptors

Test Pit Designation: TP - 52  
 Date Started: 06-29-95 - 17:20  
 Date Completed: 06-29-95 - 18:40  
 CRA Supervisor: E. FINCK (FIELD)  
 Location:

Depth (mft)	From	To	Sample #	Sample Interval	PID	Geologic Profile
0	1'	3'-6"				
1'	1'	6"				
3'-6"	3'-6"	6"				

Form Completed by: D.J. MALAGRIDA Date: 07-19-95  
**CRA**  
 CRA 1001/29/FORM SP-03



APPENDIX B.3

1996 TEST PITS



TEST PIT STRATIGRAPHY LOG

Project Name: Maybrook Lagoon Site Contractor: Precision Industrial Maintenance Test Pit Designation: Lagoon 1 Test Pit 1  
 Project Number: 3698 Surface Elevation: November 25, 1996 Date Started: November 25, 1996  
 Client: Nepera / Warner Lambert Test Pit Method: Ackerman EC 300 Date Completed: November 25, 1996  
 Location: Hamptonburgh, NY CRA Supervisor: Randy Moore

Depth (ft/m)	Sample Description (Components, Grain Size, Gradation, Colour, Moisture, Native/Fill)	Sample #	Sample Interval	OVA/ HNU	Location:
From 0' To 1'	topsoil, roots, vegetation				17 bgs Geologic Profile
1' to 4'	brown sandy fill, gravel, cobbles, shale fragments				2 brown sandy fill, gravel cobbles, shale
4' to 10'	grey sandy fill, gravel, cobbles, shale fragments				4 grey sandy fill, gravel cobbles, shale
10' to 14'	grey sandy fill, gravel, cobbles, shale fragments				6 grey sandy fill, gravel cobbles, shale
14' to 12'	grey sandy fill, gravel, cobbles, shale fragments, black stained fill throughout, chemical odor				8 black stained fill throughout
12' to 14'	gw table				10 gw
14' to 12'	bedrock not encountered				12 bottom of test pit @ 14' bgs
PID evidence of contamination	Sample S-3698-112596-RM-18 collected from grey sandy fill from approximately 2' bgs	Two	5-gal. pails		Collected for treatability study (Pail ID #18)
Visual and PID evidence of contamination	Sample S-3698-112596-RM-19 collected from black stained fill from approximately 12' to 14' bgs	Two	5-gal. pails		Collected for treatability study (Pail ID #19)

Completed by: Randy Moore Test pit dimensions: 12' x 14' x 4' (L.D.W.) Date: December 2, 1996

CRA







TEST PIT STRATIGRAPHY LOG

Project Name: Maybrook Lagoon Site Contractor: Precision Industrial Maintenance Test Pit Designation: Lagoon 2, Test Pit 1  
 Project Number: 3698 Surface Elevation: \_\_\_\_\_ Date Started: November 26, 1996  
 Client: Nepera / Warner Lambert Test Pit Method: Ackerman EC 300 Date Completed: November 26, 1996  
 Location: Hamptonburgh, NY CRA Supervisor: Randy Moore

Depth (ft/m)	Sample Description (Components, Grain Size, Gradation, Colour, Moisture, Native/Fill)	Sample #	Sample Interval	OVA/ HNU	Location:
0	topsoil, roots, vegetation				FF bgs 12'
6"	brown sandy fill, gravel, cobbles abundance of shale fragments			1/NM (max)	2 brown sandy fill gravel cobbles/shale throughout
1'	grey-brown sandy fill, gravel cobbles, shale fragments, black stained fill throughout			10/NM (max)	4 bedrock @ 5' bgs
5'	bedrock				6 grey-brown sandy fill gravel with black stained fill throughout
	-gw not encountered				test pit dimensions: 2' x 5' x 4' (L,D,W)
no evidence of contamination	Sample S-3698-112696-RM-24 collected from sandy fill from approximately 4' to 5' bgs	two	5-gal. pails		collected for treatability study (Pail ID # 24)
visual and PID evidence of contamination	Samples S-3698-112696-RM-25/26 collected from black stained grey-brown sandy fill from approximately 4' to 5' bgs	two	5-gal. pails		collected for treatability study (Pail ID # 25/26)

Completed by: Randy Moore NM- HNU was not functioning due to rain. Date: December 2, 1996  
**CRA**

TEST PIT STRATIGRAPHY LOG

Project Name: Maybrook Lagoon Site Contractor: Precision Industrial Maintenance  
 Project Number: 3698 Date Started: Lagoon 2, Test Pit 2  
 Client: Nepera / Warner Lambert Date Completed: November 25, 1996  
 Location: Hamptonburgh, NY Test Pit Method Ackerman EC 300 CRA Supervisor: Randy Moore

Depth (ft)	Sample Description (Components, Grain Size, Gradation, Colour, Moisture, Native/Fill)	Sample #	Sample Interval	OVA/ HNU	Location:
0	topsoil, roots, vegetation				11 bgs
6"	brown sandy fill, gravel, cobbles, shale fragments				topsoil 12' → 2 brown sandy fill gravel cobbles/shale throughout
4'	grey sandy fill, gravel, cobbles, shale fragments, black stained fill throughout				4 grey sandy fill gravel black stained
2'	plastic sheeting (may be from previous test pit program)				6 bedrock @ 7' bgs
7'	bedrock				8
Visual and PID evidence of contamination	- gw not encountered Sample S-3698-112596-RM-23 collected from black stained fill from approximately 4' to 6' bgs	Two	5-gal. pails		test pit dimensions: 12' x 7' x 4' (L.D.W.) collected for treatability study (Rail ID #23)

Completed by: Randy Moore Date: December 2, 1996  
 CRA

TEST PIT STRATIGRAPHY LOG

Project Name: Maybrook Lagoon Site  
 Project Number: 3698  
 Client: Nepera / Warner Lambert  
 Location: Hamptonburgh, NY  
 Contractor: Precision Industrial Maintenance  
 Surface Elevation: ---  
 Test Pit Method: Ackerman EC-300  
 Test Pit Designation: Lagoon 3, Test Pit 1  
 Date Started: November 22, 1996  
 Date Completed: November 22, 1996  
 CRA Supervisor: Randy Moore

Depth (ft/m)	Sample Description (Components, Grain Size, Gradation, Colour, Moisture, Native/Fill)	Sample #	Sample Interval	OVA/ HNU	Location:
0' to 6"	topsoil, roots, vegetation				17 bags Geologic Profile
6" to 8'	brown sandy fill, gravel, cobbles				topsoil
8' to 8'	gw table				Sandy fill, gravel cobbles
8' to 14'	Saturated grey silty sand fill, gravel cobbles, pockets of reddish brown oxidized material embedded within fill. Some black stained fill				occasional reddish brown oxidized fill
14'	bottom of test pit				gw
	bedrock not encountered.				grey silty sand black stained fill, gravel
Visual evidence of contamination	Sample S-3698-12296-RM-11 collected from saturated fill with black stains at approximately 8 to 12' bgs		Two 5-gal. pails		bottom of test pit @ 14' bgs
					test pit dimensions: 15' x 14' x 14' (L, D, W)
					collected for treatability study (Pail ID # 11)

Completed by: Randy Moore  
 Date: December 2, 1996  
**CRA**

TEST PIT STRATIGRAPHY LOG

Project Name: Maybrook Lagoon Site Contractor: Precision Industrial Maintenance Test Pit Designation: Lagoon 3 Test Pit 2  
 Project Number: 3698 Surface Elevation: \_\_\_\_\_ Date Started: November 22, 1996  
 Client: Nepera/Warner Lambert Test Pit Method: Ackerman EC 300 Date Completed: November 22, 1996  
 Location: Hamptonburgh, NY CRA Supervisor: Randy Moore

Depth (ft/m)	Sample Description (Components, Grain Size, Gradation, Colour, Moisture, Native/Fill)	Sample #	Sample Interval	OVA/ HNU	Location:
0' to 1'	topsoil, roots, vegetation			topsoil	15' Geologic Profile
1' to 5'	brown sandy fill, gravel, cobbles, shale fragments, assorted debris (stap metal, chrome piece, plastic bag wire, wood), yellow/black discolored fill intermittent			assorted debris yellow/black discoloration	2 Sandy fill, gravel 4 Cobble shale 6 gw 8 black stained Sandy fill
5' to 7'	black stained sandy gravel			black stained	10 Sandy fill, gravel 12 Shale, cobbles
7' to 5 1/2'	gw table			gw	14 Probable bedrock
5 1/2' to 14'	grey-brown sandy fill (saturated) gravel, shale fragments, cobbles (up to 4 in diameter)			Probable bedrock	14 Probable bedrock
14'	Probable bedrock (no evidence of contamination)			Sample S-3698-112296-RM-14 collected from approximately 3' to 5' bgs requested by NYSDE	14 Probable bedrock
Visual and evidence of contamination	Sample S-3698-112296-RM-12 collected from black stained sandy gravel from approximately 5' to 7' bgs			Pail ID #12	collected for treatability study
no evidence of contamination	Sample S-3698-112296-RM-13 collected from sandy fill at approximately 3' to 5' bgs			Pail ID #13	

Completed by: Randy Moore test pit dimensions: 15' x 14' x 4' (L,D,W) Date: December 2, 1996  
 CRA

TEST PIT STRATIGRAPHY LOG

Project Name: Maybrook Lagoon Site Contractor: Precision Industrial Maintenance Test Pit Designation: Lagoon 3 Test Pit 3  
 Project Number: 3698 Surface Elevation: November 22, 1996 Date Started: November 22, 1996  
 Client: Nepera / Water Lambert Test Pit Method: Ackerman EC300 Date Completed: November 22, 1996  
 Location: Hamptonburgh, NY CRA Supervisor: Randy Moore

Depth (ftm) From At To	Sample Description (Components, Grain Size, Gradation, Colour, Moisture, Native/Fill)	Sample #	Sample Interval	OVA/ HNU	Location: Geologic Profile
0' - 1'	topsoil, roots, vegetation			↑	13' topsoil
1' - 5'	brown sandy fill, gravel, cobbles, shale fragments			↓	2 brown sandy fill, gravel, cobbles, shale
5' - 12'	grey-brown silty sand, gravel, cobbles, shale fragments, black stained fill throughout diminishing with depth			100/11 (max)	6 grey-brown silty black stained fill with depth
10' - 12'	gw table			70/10	8 sand, gravel, cobbles, shale
12' - 10' 6"	bottom of test pit - bedrock not encountered			--/0	10 gw bottom of test pit @ 12' bgs
Visual and PID evidence of contamination	Sample S-3698-112296-RM-15 collected from unsaturated silty sand fill with black stains from approximately 5 to 10 bgs		Two 5-gal. pails collected from		12 pails collected for treatability study (Pail ID #15)
no evidence of contamination	Sample S-3698-112296-RM-16 collected from sandy fill from approximately 3 to 5 bgs		Two 5-gal. pails collected from		pails collected for treatability study (Pail ID #16)
visual evidence of contamination	Sample S-3698-112296-RM-17 collected from saturated, silty sand fill with black stains from approximately 12 bgs		Two 5-gal. pails collected from		pails collected for treatability study (Pail ID #17)

Completed by: Randy Moore test pit dimensions: 13' x 12' x 4' (L,D,W) Date: December 2, 1996  
**CRA**

TEST PIT STRATIGRAPHY LOG

Project Name: Maybrook Lagoon Site Contractor: Lagoon 4 Test Pit 1  
 Project Number: 3698 Date Started: November 22, 1996  
 Client: Nepera / Water Lambert Surface Elevation: — Date Completed: November 22, 1996  
 Location: Hamptonburgh, NY Test Pit Method: ACKERMAN EC.300 CRA Supervisor: Randy Moore

Depth (ft/m)	Sample Description (Components, Grain Size, Gradation, Colour, Moisture, Native/Fill)	Sample #	Sample Interval	OVA/ HNU	Location: Geologic Profile
From 0' To 4'	topsoil, brown silty sand fill, gravel, cobbles				0 12' →
3'	beer can, styrofoam cup, oil filter				2 Silty sand fill gravel cobbles X beer can
4' 8'	grey-green silty sand fill, gravel, cobbles with black stained fill from H to G' bgs, chemical odor				4 grey silty sand gravel cobbles X oil filter cup black stained fill
6'	gw table				6 gw fill
8'	bedrock				8 bedrock @ 8' bgs
no evidence of contamination	Sample S-3698-112796-RM-08 collected from unsaturated fill at approximately 2' to 4' bgs		Two 5-gal. pails		test pit dimensions: 12' x 8' x 4' (L,D,W) collected for treatability study (Pail ID # 8)
visual and PID evidence of contamination	Samples S-3698-112796-RM-09/10 collected from unsaturated black stained fill at approximately 4' to 6' bgs		Two 5-gal. pails		pails collected for treatability study (Pail ID # 9/10)

Completed by: Randy Moore Date: December 2, 1996  
**CRA**

TEST PIT STRATIGRAPHY LOG

Project Name: Maybrook Lagoon Site Contractor: Precision Industrial Maintenance Test Pit Designation: Lagoon 4, Test Pit 2  
 Project Number: 3698 Surface Elevation: November 21, 1996 Date Started: November 21, 1996  
 Client: Nepera Warner Lambert Test Pit Method: Ackerman EC 300 Date Completed: November 21, 1996  
 Location: Hamptonburgh, NY CRA Supervisor: Randy Moore

Depth (ft/m)	Sample Description (Components, Grain Size, Gradation, Colour, Moisture, Native/Fill)	Sample #	Sample Interval	OVA/ HNU	Location:
0	topsoil, roots, vegetation			12'	topsoil
6"	brown sandy fill gravel cobbles				sandy fill cobbles, gravel
4'	grey silty sand fill gravel, cobbles with black stained fill throughout			100 (max)	grey silty sand / gravel, cobbles, black stained fill
11'	Water Table				
5'	bottom of test pit - bedrock not encountered				
11'	Sample S-3698-112196-RM-06 collected from 10" saturated black stained fill at approximately 3 to 4' bgs		Two 5-gal. pails collected for treatability study (Pail IDs #6)		bottom of test pit @ 11' bgs
Visual Evidence of Contamination	Sample S-3698-112196-RM-05 collected from saturated black stained fill at approximately 5 to 6' bgs		Two 5-gal. pails collected for treatability study (Pail IDs #5)		
"	Sample S-3698-112196-RM-07 collected from unsaturated sandy fill at 3' bgs		Two 5-gal. pails collected for treatability study (Pail IDs #7)		
no evidence of contamination					

Completed by: Randy Moore test pit dimensions: 12' x 11' x 4' (L, D, W) Date: December 2, 1996  
**CRA**



TEST PIT STRATIGRAPHY LOG

Project Name: Maybrook Lagoon Site Contractor: Precision Industrial Maintenance  
 Project Number: 3698 Surface Elevation: ---  
 Client: Nepeta / Warner Lambert Test Pit Method: ACKERMAN EC 300  
 Location: Hamptonburgh, NY Test Pit Designation: Lagoon 5, Test Pit 1  
 Date Started: November 21, 1996  
 Date Completed: November 21, 1996  
 CRA Supervisor: Randy Moore

Depth (ft/m)	Sample Description (Components, Grain Size, Gradation, Colour, Moisture, Native/Fill)	Sample #	Sample Interval	OVA/ HNU ppm	Location: # of bags	Geologic Profile
0						
6"	topsoil, roots, vegetation				1	topsoil
6"	brown sandy fill, gravel cobbles, shale fragments				2	brown sandy fill, gravel shale, cobbles
5'	layer of black stained sandy fill, gravel cobbles, shale fragments				3	
5'	bedrock				4	black stained fill
6'					5	bedrock @ 6' bgs
Sample S-3698-112196-RM-01 collected from black stained fill material (at approximately 5-6 ft bgs) Visual and Fib/PID Evidence of Contamination)						
Two 5-gal. pails collected of black stained fill for treatability study						

test pit dimensions: 10' x 6' x 4' (L x W x H)  
 - gw table not encountered  
 Pail ID #1

Completed by: Randy Moore Date: December 2, 1996  
**CRA**

TEST PIT STRATIGRAPHY LOG

Project Name: Maybrook Lagoon Site Contractor: Precision Industrial Maintenance Test Pit Designation: Lagoon 5, Test Pit 2  
 Project Number: 3698 Surface Elevation: November 21, 1996 Date Started: November 21, 1996  
 Client: Nepesa / Natter Lambert Test Pit Method: Ackerman EC 300 Date Completed: November 21, 1996  
 Location: Hamptonburgh, NY CRA Supervisor: Randy Moore

Depth (ft/m)	Sample Description (Components, Grain Size, Gradation, Colour, Moisture, Native/Fill)	Sample #	Sample Interval	OVA/ HNU	Location:
0	topsoil, roots, vegetation			Dark ground	13' topsoil
1	brown sandy fill gravel, cobbles, shale fragments				1 brown sandy fill shale cobbles
4	layer of black stained sandy fill, gravel cobbles				2 black stained layer
6	shale fragments, moist bedrock				3 shale fragments, moist bedrock
6	Sample S-3698-112196-RM-02 Collected from black stained material (visual and PID evidence of contamination)		Two 5-gal. pails collected for		4 black stained layer @ 6 bgs
6	Sample S-3698-112196-RM-03 Collected from fill above black stained layer (no evidence of contamination)		Two 5-gal. pails collected for		5 bedrock
	- gw table not encountered				6 test pit dimensions: 13' x 6' x 4' (L,D,W)

Completed by: Randy Moore Date: December 2, 1996  
**CRA**

TEST PIT STRATIGRAPHY LOG

Project Name: Maybrook Lagoon Site Contractor: Precision Industrial Maintenance  
 Project Number: 3698 Surface Elevation: ---  
 Client: Nepera / Water Lambert Test Pit Method: Ackerman EC 300  
 Location: Hamptonburgh, NY Test Pit Designation: Lagoon 6 Test Pit 1  
 Date Started: November 21, 1996  
 Date Completed: November 21, 1996  
 CRA Supervisor: Randy Moore

Depth (ft)	Sample Description (Components, Grain Size, Gradation, Colour, Moisture, Native/Fill)	Sample #	Sample Interval	OVA/ HNU	Location:
0	1 topsoil, roots, vegetation			↑	10' - topsoil/shale
1	2 broken shale fragments, some sand			↓	shale fragment
2	bedrock			↓	bedrock @ 2' bgs
	- no evidence of contamination				
	- no material suitable for sample collection				
	- gw not encountered				
	- no samples collected with concurrence of U.S. EPA and NYSD&C.				

Test pit dimensions: 10' x 2' x 4' (L x W x D)

Completed by: Randy Moore Date: December 2, 1996  
**CRA**

TEST PIT STRATIGRAPHY LOG

Project Name: Maybrook Lagoon Site Contractor: Precision Industrial Maintenance  
 Project Number: 3698 Date Started: November 21, 1996  
 Client: Nepera/Warner Lambert Surface Elevation: \_\_\_\_\_  
 Location: Hamptonburgh, NY Test Pit Method: Ackerman EC 300 CRA Supervisor: Randy Moore

Depth (ft/m)		Sample Description (Components, Grain Size, Gradation, Colour, Moisture, Native/Fill)	Sample #	Sample Interval	OVA/ HNU	Location:
From	To					
0	1	topsoil, roots, vegetation			↓	0 ft bgs
1	4	broken shale fragments, some sand			↓	15' bgs
		bedrock			↓	bedrock @ 4' bgs
		- no evidence of contamination				
		- no material suitable for sample collection				
		- no samples collected with concurrence of U.S. EPA and NYSDEC				
		- gw not encountered				

Completed by: Randy Moore Date: December 2, 1996

CRA

test pit dimensions: 15'x4'x4'(L,D,W)

TEST PIT STRATIGRAPHY LOG

Project Name: Maybrook Lagoon Site Contractor: Precision Industrial Maintenance  
 Project Number: 3698 Date Started: November 21, 1996  
 Client: Nepera / Walter Lambert Surface Elevation: ---  
 Location: Hamptonburgh, NY Test Pit Method Ackerman EC-300 CRA Supervisor: Randy Moore

Test Pit Designation: Lagoon 6, Test Pit 3  
 Date Started: November 21, 1996  
 Date Completed: November 21, 1996  
 CRA Supervisor: Randy Moore

Depth (ft/m)	Sample Description (Components, Grain Size, Gradation, Colour, Moisture, Native/Fill)	Sample #	Sample Interval	OVA/ HNU	Location:
0	topsoil, roots, vegetation			background	0 topsoil
2	broken shale fragments, sandy fill				1 shale/sandy fill
3	small chunks of solidified black material - chemical odor				2 chunks of solidified black material
5	bedrock				3 bedrock @ 5' bgs
	Sample S-3698-112196-RM-4 collected from fill associated with solidified black material (no evidence of contamination)				4
	U.S. EPA collected a sample of solidified material (NPR-5)				5
	- gw table not encountered				

Two 5-gal. dails collected for fre-ability study (Pail 1B #4)

Test pit dimensions: 20x5x4(L,D,W)

Completed by: Randy Moore Date: December 2, 1996  
**CRA**