PROBING LOGS FOR "AREA 1"

9/28

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-H-42 Desig. ____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N ____ E ____

Elevation -1.25 of Water Surface M.L.W.

Elevation Top of Probe -39.25 M.L.W.

Elevation Top of Refusal ~~40~~ M.L.W.

Elevation Bottom of Probe -40.25 M.L.W.

Total Depth of Probe 1.0 Feet

Hammer Wt. 300# Hammer Drop 18"

Probe Started 10:50

Probe Completed 10:55

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1'	WOH	very SOFT Probe ended at -40.25 ft.	Clean Probe Rods

GENERAL REMARKS

8/28

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION A-43

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83- A-43 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation -1.50 of Water Surface M.L.W.

Elevation Top of Probe -40.00 M.L.W.

Elevation Top of Refusal —— M.L.W.

Elevation Bottom of Probe -40.00 M.L.W.

Total Depth of Probe 0" Feet

Hammer Wt. 300# Probe Started 11.10

Hammer Drop 18" Probe Completed 11.15

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Lowered Probe Rods TO -40.00 ft.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH & Me Page 1 of 1 Pages

Probe No. FP-88-A-44 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation 2.5 of Water Surface M.L.W.

Elevation Top of Probe -42.5' M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -44.5' M.L.W.

Total Depth of Probe 2' Feet

Hammer Wt. 300# Hammer Drop 18" Probe Started 3:25 Probe Completed 3:35

Drilled by Don Campbell

Mfg. Des. Drill Acker Ace

Inspected by: Peter Bebbuti

Depth 1" = 2'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1'	WOH	50 FT	RODS WERE CLEAN
2'	3	Bottom of Probe -44.5, No refusal	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH-Fhe Page 1 of 1 Pages

Probe No. FP-83-A-45 Desig. _____ Diam. Probe ROD AW

Coordinates: N _____ E _____

Elevation +3.3' of Water Surface M.L.W.

Elevation Top of Probe -41.7' M.L.W.

Elevation Top of Refusal —— M.L.W.

Elevation Bottom of Probe -47.7' M.L.W.

Total Depth of Probe 6' Feet

Hammer Wt. 300# Hammer Drop 18" Probe Started 250 Probe Completed 305

Drilled by DON CAMPBELL

Mfg. Des. Drill ACKER ACE

Inspected by: Peter J. Bellonti

Depth 1" = 2'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1'	WOH	SOFT	
	3		
2'			
3'	6	MED. STIFF	RODS WERE CLEAN
4'	12	STIFF	
5'	21	VERY STIFF	
	25		
6'		Bottom of Probe -47.7' Refusal	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor — Page 1 of 1 Pages

Probe No. FP-83-A-49 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +1.5 of Water Surface M.L.W.

Elevation Top of Probe -41.8 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -43.8 M.L.W.

Total Depth of Probe 2' Feet

Hammer Wt. 300# Probe Started 4:10

Hammer Drop 18" Probe Completed 4:30

Drilled by R Seymour

Mfg. Des. Drill Acker Ace

Inspected by: PCB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
2	WIEGHT OF HAMMER	VERY SOFT	Clean Rods
		Bottom of Probe -43.8' No refusal	

GENERAL REMARKS

9/28

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
A-50
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83- A-50 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +1.5 of Water Surface M.L.W.

Elevation Top of Probe -40.0 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.0 M.L.W.

Total Depth of Probe 0 Feet

Hammer Wt. 300# Probe Started 9:00

Hammer Drop 18" Probe Completed 9:00

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	—	lowered Rods to -40.0 ft.	Clean probe & Rods

GENERAL REMARKS

9/28

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

A-51

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-A-51 Desig. ____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N ____ E ____

Elevation +1.25 of Water Surface M.L.W.

Elevation Top of Probe -39.75 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.75 M.L.W.

Total Depth of Probe -40.75 Feet

Hammer Wt. 300# Hammer Drop 18"

Probe Started 9:10

Probe Completed 9:15

Drilled by R. Lemaux

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	W.O.H	VERY SOFT Probe taken to -40.75 ft	Clean Probe & Rod

GENERAL REMARKS

9/28.

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
A-52
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-A-52 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +1.0 of Water Surface M.L.W.

Elevation Top of Probe -39.00 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.0 M.L.W.

Total Depth of Probe 1 Feet

Hammer Wt. 300# Probe Started 9:20

Hammer Drop 18" Probe Completed 9:25

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	W.O.H.	VERY SOFT Probe embed at -40.0 ft.	SOME VEG. MATTER ON PROBE

GENERAL REMARKS

9/28

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-B-43 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +1.5 of Water Surface M.L.W.

Elevation Top of Probe -37.0 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.0 M.L.W.

Total Depth of Probe 3' Feet

Hammer Wt. 300# Probe Started 11:00

Hammer Drop 18" Probe Completed 11:10

Drilled by R. Schumann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1 2 3	4 11 17	V. SOFT TO STIFF Probe ended at -40.0 ft.	Clean probe/Rock

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH & Me Page 1 of 1 Pages

Probe No. R-44 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +1.8 of Water Surface M.L.W.

Elevation Top of Probe -37.2' M.L.W.

Elevation Top of Refusal -38.2' M.L.W.

Elevation Bottom of Probe -38.2' M.L.W.

Total Depth of Probe 1' Feet

Hammer Wt. 300# Hammer Drop 18" Probe Started 4:00 Probe Completed 4:10

Drilled by Don Campbell

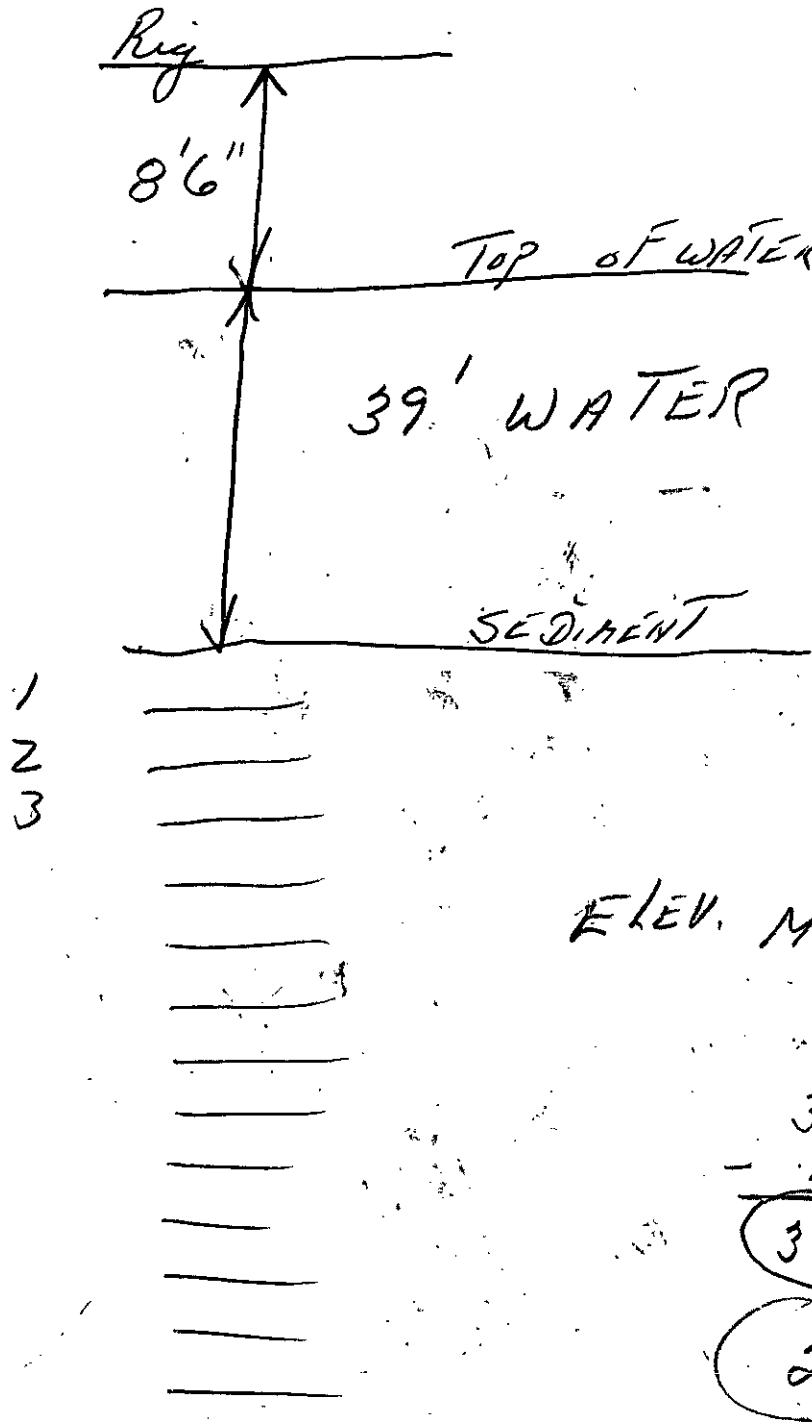
Mfg. Des. Drill Acker Ace

Inspected by: [illegible]

Depth 1" = 2'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1'	92	VERY HARD	Rods clean
		Refusal 50 blows/0". 300 # hammer at -38.2'	
		Bouncing	

GENERAL REMARKS

B-44



50' RoD
- 2'6" ABOVE DECK
47'6"
- 8'6"
39'

ELEV. MLW = +1.8

39
- 1.8
37.2' Top Probe

2.8'

Time start: 4:00

Bot El

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NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH & Me Page 1 of 1 Pages

Probe No. B-45 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +1.5 of Water Surface M.L.W.

Elevation Top of Probe -30.0' M.L.W.

Elevation Top of Refusal -31.5' M.L.W.

Elevation Bottom of Probe -31.5' M.L.W.

Total Depth of Probe 1.5' Feet

Hammer Wt. 300# Probe Started 4:40

Hammer Drop 18" Probe Completed 4:50

Drilled by DON CAMPBELL

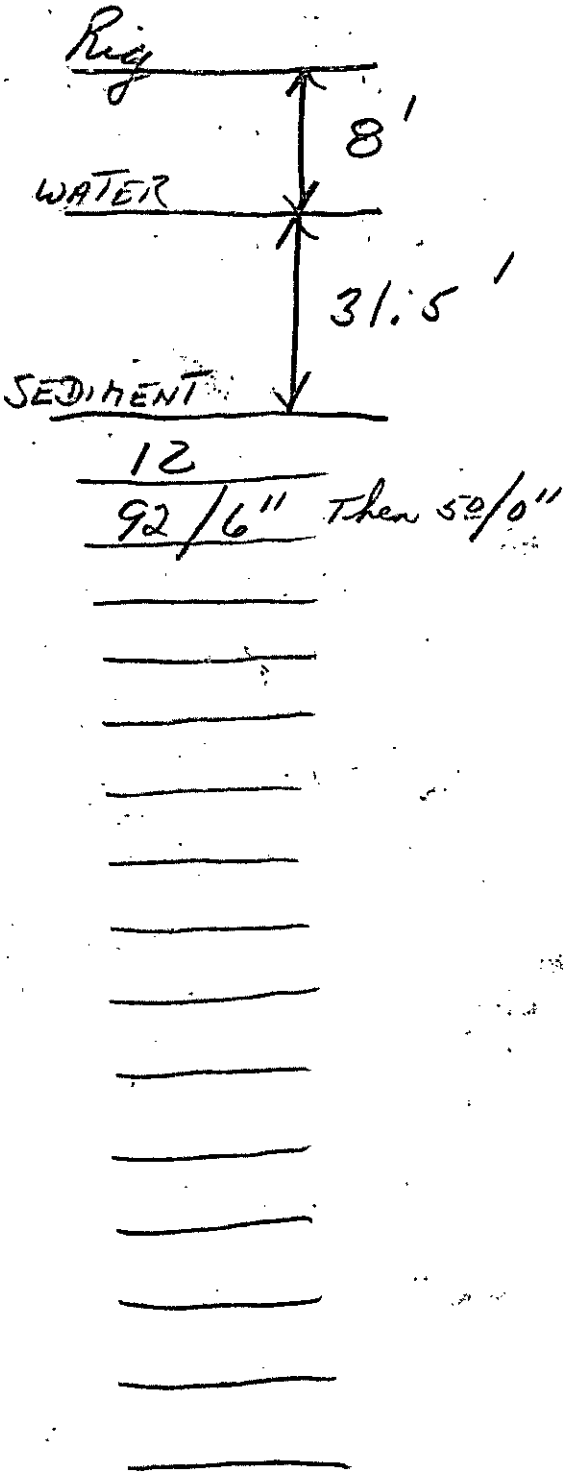
Mfg. Des.Drill ACKER ACE

Inspected by: Peter J Belbuck

Depth 1"= 2'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1'	12	STIFF	
1	92	VERY HARD	
		Rod was Bouncing 50 blows/0" 300# Hammer at -31.5' MLW.	Rods were clean

GENERAL REMARKS

B-45



45' Rod
− 5'6" above Deck
39'6"
− 8' Rise
31'6" = 31.5'

ELEV MLW → +1.5'
Top Probe − 30.0'
Bot Probe − 31.5'
REFUSAL − 31.5'
START 4:40
END 4:50

#1

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NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor — Page 1 of 1 Pages

Probe No. FR-83 B-46 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +1.1' of Water Surface M.L.W.

Elevation Top of Probe -32.0' M.L.W.

Elevation Top of Refusal -32.0' M.L.W.

Elevation Bottom of Probe -32.0' M.L.W.

Total Depth of Probe 0' Feet

Hammer Wt. 250# Probe Started 4:50

Hammer Drop 18" Probe Completed 5:00

Drilled by Don Campbell

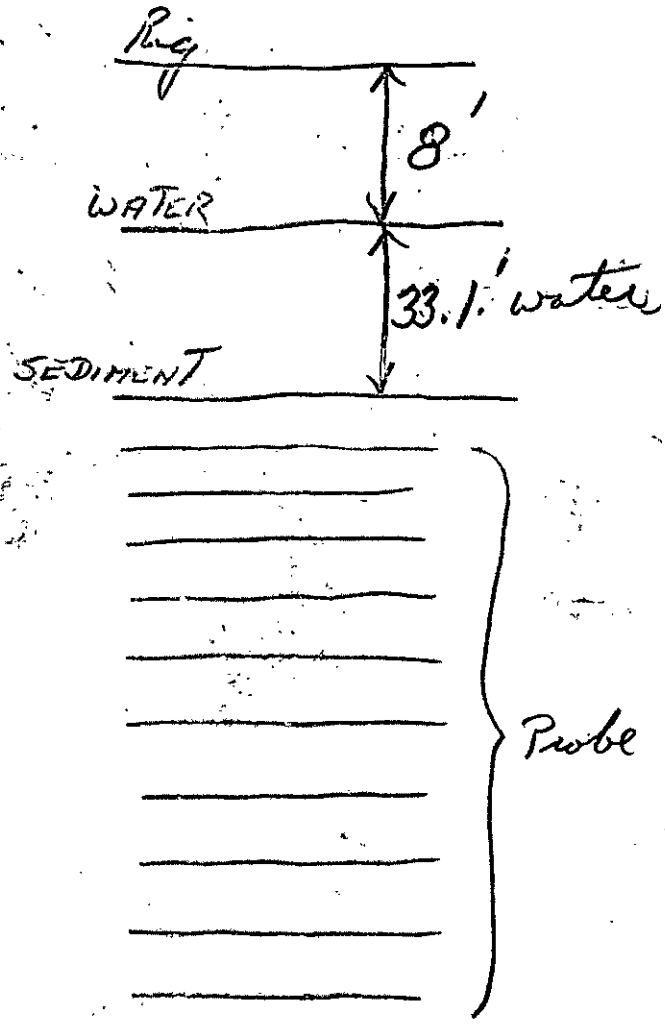
Mfg. Des. Drill Acker Ace

Inspected by: [illegible]

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Rods were Bouncing at depth no material on probe. Refusal at -32.0'.	

GENERAL REMARKS

B-46



45.' Rod
− 4'
41.'1
− 8'
33.'1
− 1.'1
−32'

ELEV. MLW → +1.1'
ELEV. Top Probe → −32.0
" Bot. Probe → −32.0
Refusal −32.0'

Time start:

Time END:

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FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH Page 1 of 1 Pages

Probe No. FP-83 B-47 Desig. _____ Diam. Probe ROD AW

Coordinates: N _____ E _____

Elevation +1.3 of Water Surface M.L.W.

Elevation Top of Probe -38.7 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -41.7 M.L.W.

Total Depth of Probe 3' Feet

Hammer Wt. 300# Probe Started 4:40

Hammer Drop 18" Probe Completed 4:50

Drilled by R. SEYMOUR

Mfg. Des. Drill Acker Ace

Inspected by: PLB

Depth 1"= 1	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	4	VERY SOFT	Clean Rods
2	3		
3	5		
		Bottom of Probe -41.7', No Refusal	

GENERAL REMARKS

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NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor NH Page 1 of 1 Pages

Probe No. PP-B2-48 Desig. ____ Diam. Probe ROD

Coordinates: N ____ E ____

Elevation +3.3 of Water Surface M.L.W.

Elevation Top of Probe -39.3 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.3 M.L.W.

Total Depth of Probe 1' Feet

Hammer Wt. 300# Probe Started 2:50

Hammer Drop 18" Probe Completed 3:10

Drilled by R. SEYMOUR

Mfg. Des. Drill Acker Ace

Inspected by: PLB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	HAMMER WEIGHT	VERY SOFT	Clean rods
		Bottom of Probe -40.3' No refusal.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH-ME Page 1 of 1 Pages

Probe No. FR-83 B-49 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +2.0 of Water Surface M.L.W.

Elevation Top of Probe -31.5 M.L.W.

Elevation Top of Refusal -32.5 M.L.W.

Elevation Bottom of Probe -32.5 M.L.W.

Total Depth of Probe 1' Feet

Hammer Wt. 300 Probe Started 3:30

Hammer Drop 18" Probe Completed 3:50

Drilled by R Seymour

Mfg. Des. Drill Acker Ace

Inspected by: PLB

Depth 1"=		Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1/2	13 50/0"	VERY SOFT BOUNCING REFUSAL 50/0" at -32.5'	Clean Rocks

GENERAL REMARKS

9/28.

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION B-50

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. B-50 FP-83- Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +1.50 of Water Surface M.L.W.

Elevation Top of Probe 22.50 M.L.W.

Elevation Top of Refusal -27.00 M.L.W.

Elevation Bottom of Probe -27.00 M.L.W.

Total Depth of Probe -4.50 Feet

Hammer Wt. 300# Probe Started 9.00

Hammer Drop 18" Probe Completed 9.05

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3 3 4 14 13-6" 50/0	medium SOFT TO STIFF Refusal AT -27.00 FT. 50/0"	Cl clean Probe Rods

GENERAL REMARKS

9h8

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION B-51

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-B-51 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 1.25 of Water Surface M.L.W.

Elevation Top of Probe -24.75 M.L.W.

Elevation Top of Refusal -26.75 M.L.W.

Elevation Bottom of Probe -26.75 M.L.W.

Total Depth of Probe -2.00 Feet

Hammer Wt. 300# Probe Started 9.15

Hammer Drop 18" Probe Completed 9.20

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3/5/50/0	SOFT TO Med. REFUSA AT -26.75 4.50/0"	CLEAN PROBE RODS

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION B-52

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-B-52 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +1 of Water Surface M.L.W.

Elevation Top of Probe -35.00 M.L.W.

Elevation Top of Refusal -37.00 M.L.W.

Elevation Bottom of Probe -37.00 M.L.W.

Total Depth of Probe -2.00 Feet

Hammer Wt. 300# Probe Started 9:30

Hammer Drop 18" Probe Completed 9:35

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	4	SOFT	Clean Probe
	50	Hard	Rods
	50/6	Refusal AT	
		-37.00 ft.	
		50/0"	

GENERAL REMARKS

1-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH/ME Page 1 of 1 Pages

Probe No. FP-83-C-42 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +7.3 of Water Surface M.L.W.

Elevation Top of Probe -20.7 M.L.W.

Elevation Top of Refusal ____ M.L.W.

Elevation Bottom of Probe -41.7' M.L.W.

Total Depth of Probe 21' Feet

Hammer Wt. 300# Probe Started 11:30

Hammer Drop 18" Probe Completed 12:00

Drilled by Don Campbell

Mfg. Des. Drill Acker Ace

Inspected by: PLB

Depth 1" = 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	12	STIFF	
	24	VERY STIFF	
	14	STIFF	
	18	VERY STIFF	
5'	21		
	20		
	31	HARD	
	29	VERY STIFF	RODS WERE CLEAN
	35	HARD	
10'	34		
	49		
	50		
	14	STIFF	
	17	VERY STIFF	
	36	HARD	
15'	22	VERY STIFF	
	20		
	22		
	26		
20'	24		
	29		
		Bottom of Probe at -41.7' Nonfinal	
25'			

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH & ME Page 1 of 1 Pages

Probe No. FP-83 C-43 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +6.5 of Water Surface M.L.W.

Elevation Top of Probe -33.8 M.L.W.

Elevation Top of Refusal -36.8 M.L.W.

Elevation Bottom of Probe -36.8 M.L.W.

Total Depth of Probe 3' Feet

Hammer Wt. 300 Hammer Drop 18" Probe Started 10:45 Probe Completed 11:10

Drilled by R. Seymour

Mfg. Des. Drill Acker Ace.

Inspected by: PLB

Depth 1" = 2'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1, 2	weight of hammer	VERY SOFT	Clean Rods & probe upon completion
3	36	HARD	
4	50/0"	Refusal at -36.8	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH & ME Page 1 of 1 Pages

Probe No. FR-83-C-44 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +5 of Water Surface M.L.W.

Elevation Top of Probe -25.8 M.L.W.

Elevation Top of Refusal -27.8 M.L.W.

Elevation Bottom of Probe -27.8 M.L.W.

Total Depth of Probe 2' Feet

Hammer Wt. 300 Probe Started 10:15

Hammer Drop 18" Probe Completed 10:25

Drilled by R. Slamon

Mfg. Des.Drill Acker Aco

Inspected by: PLR

Depth 1"= 2'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	6	SOFT to MED STIFF	
2	64	HARD to VERY HARD	
3	50/0"	REFUSAL 50 blows/0" at -27.8'	Clean Rods & probe upon completion

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor NAS ME Page 1 of 1 Pages

Probe No. C-45 ~~B-45~~ Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +3.5 of Water Surface M.L.W.

Elevation Top of Probe -27.7 M.L.W.

Elevation Top of Refusal -27.7 M.L.W.

Elevation Bottom of Probe -27.7 M.L.W.

Total Depth of Probe 0" Feet

Hammer Wt. 300# Probe Started 9.45

Hammer Drop 18" Probe Completed 10.00

Drilled by R Sampson

Mfg. Des. Drill Acree Ace

Inspected by: PCB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	50/0"	bouncing refusal 50 blows/0" at -27.7'	clean rods & probe

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Navy, NH Page 1 of 1 Pages

Probe No. FP-83 C-46 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +2.8 of Water Surface M.L.W.

Elevation Top of Probe -33.5 M.L.W.

Elevation Top of Refusal —— M.L.W.

Elevation Bottom of Probe -41.5 M.L.W.

Total Depth of Probe 8' Feet

Hammer Wt. 300 Probe Started 8:35

Hammer Drop 18" Probe Completed 8:50

Drilled by P Seymour

Mfg. Des.Drill Acker Ace

Inspected by: PLB

Depth 1" = 2	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	3	Very soft	"
2	3		
3	4		
4	4		
5	6	Soft to hard	Clay rods
6	11		
7	13		
8	16		
		Bottom of Probe -41.5' No refusal	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH-ME Page 1 of 1 Pages

Probe No. FP-83 C-47 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +3.3 of Water Surface M.L.W.

Elevation Top of Probe -27.2 M.L.W.

Elevation Top of Refusal -36.2 M.L.W.

Elevation Bottom of Probe -36.2 M.L.W.

Total Depth of Probe 9' Feet

Hammer Wt: 300# Probe Started 9:05

Hammer Drop 18" Probe Completed 9:30

Drilled by D. Sennon

Mfg. Des. Drill Arkon Acc

Inspected by: PCB

Depth 1" = 2'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	1	very soft	
2	1		
3	27	boulder	
4	6	soft	
5	8		
6	17	hard	
7	28		
8	60	very hard	some fine sand & fine silt on probe upon completion
9	69		
	50/0" per	Refusal at -36.2' 50 blows 0" per	

GENERAL REMARKS

9/28

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-C-48 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 0.75 of Water Surface M.L.W.

Elevation Top of Probe -22.25 M.L.W.

Elevation Top of Refusal -26.50 M.L.W.

Elevation Bottom of Probe 26.50 M.L.W.

Total Depth of Probe -4.25 Feet

Hammer Wt. 300# Probe Started 10:10

Hammer Drop 18" Probe Completed 10:15

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	2 2 2 6 2 = 6.25 50/0	Very SOFT TO med. REFUSAL AT -26.50 ft. 50/0"	Some Fine SAND + SILT

GENERAL REMARKS

9/28

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
C-49

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83- C-49 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +1.0 of Water Surface M.L.W.

Elevation Top of Probe -22.5 M.L.W.

Elevation Top of Refusal -32.5 M.L.W.

Elevation Bottom of Probe -32.5 M.L.W.

Total Depth of Probe 10' Feet

Hammer Wt. 300# Probe Started 1000 ~~1000~~

Hammer Drop 18" Probe Completed 1010

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1 1 1	VERY SOFT	
5	3 10 10	STIFF	
	16 21	to HARD	
10	35 58 50/0"	Refusal 50/0" at -32.5 ft.	Clean Probe & Rod

GENERAL REMARKS

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U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor NHPME Page 1 of 1 Pages

Probe No. FP-83-D42 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +5' of Water Surface M.L.W.

Elevation Top of Probe -10.0' M.L.W.

Elevation Top of Refusal —— M.L.W.

Elevation Bottom of Probe -40.0' M.L.W.

Total Depth of Probe 30' Feet

Hammer Wt. 300# Probe Started 10:15

Hammer Drop 18" Probe Completed 11:20

Drilled by Don Campbell

Mfg. Des.Drill Acker Ace

Inspected by: PCB

Depth 1"= 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH	SOFT	
	7	MED. STIFF	
	13	STIFF	OBSERVED OF RODS:
	18		
5'	21		BLUE CLAY, SOME
	21		FINE TO MED. SAND
	22		
	22		
	25	VERY STIFF	
10'	22		
	22		
	24		
	19		
	18		
15'	22		
	24		
	31		
	36		
	32		
20'	41	HARD	
	54		
	36		
	31		
	17		
25'	18	VERY STIFF	
	26		
	18		
	15		
	15		
30'	18		Bottom of Probe -40.0', No Refusal

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH FPR Page 1 of 1 Pages

Probe No. FP-83-D-43 Desig. _____ Diam.Probe ROD AW

Coordinates: N _____ E _____

Elevation +2.8 of Water Surface M.L.W.

Elevation Top of Probe -14.2' M.L.W.

Elevation Top of Refusal -39.2' M.L.W.

Elevation Bottom of Probe -39.2' M.L.W.

Total Depth of Probe 25' Feet

Hammer Wt. 300# Probe Started 8:35

Hammer Drop 18" Probe Completed 9:00

Drilled by Don Campbell

Mfg. Des.Drill Acker HCC

Inspected by: PLB

Depth 1"= 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH	SOFT	
1	6		
2	7		
3	6	MED. STIFF	
4	7		
5	5		
6	5		
7	4		
8	11		
9	8		BLUE MARINE CLAY ON RODS
10	8	STIFF	
11	8		
12	13		
13	25		
14	22		
15	30	VERY STIFF	
16	30		
17	14		
18	15		
19	22		
20	26		
21	36	HARD	
22	11	STIFF	
23	39	HARD	
24	94	VERY HARD	
25		50 blows / 0" at -39.2'	

GENERAL REMARKS

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U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

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Probe No. FP.83 D-44 Desig. _____ Diam.Probe ROD AW

Coordinates: N _____ E _____

Elevation +3.5 of Water Surface M.L.W.

Elevation Top of Probe -18.5' M.L.W.

Elevation Top of Refusal -20.0' M.L.W.

Elevation Bottom of Probe -20.0' M.L.W.

Total Depth of Probe 1.5' Feet

Hammer Wt. 300# Probe Started 9:50

Hammer Drop 18" Probe Completed 10:06

Drilled by DON CAMPBELL

Mfg. Des.Drill ACKER ACE

Inspected by: PCB

Depth 1"= 2'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1'	4	MED. STIFF	NO SOIL ON RODS
2'	100	VERY HARD	
		BOUNCING REFUSAL 50 blows/0" 300# HAMMER at -20.0'	

GENERAL REMARKS

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U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH&ME Page 1 of 1 Pages

Probe No FP-83-D-45 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation 3.3 of Water Surface M.L.W.

Elevation Top of Probe -20.2' M.L.W.

Elevation Top of Refusal -21.7' M.L.W.

Elevation Bottom of Probe -21.7 M.L.W.

Total Depth of Probe 1.5' Feet

Hammer Wt 300# Probe Started 9:15

Hammer Drop 18" Probe Completed 9:20

Drilled by Don Campbell

Mfg. Des. Drill Acker ACE

Inspected by: PLB

Depth 1"= 2'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1'	50	VERY HARD	
1.5'	80		RODS WERE CLEAN
		BOUNCING REFUSAL 50 blows /0" at -21.7'	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-E-13 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 6.75 of Water Surface M.L.W.

Elevation Top of Probe -34.75 M.L.W.

Elevation Top of Refusal -37.75 M.L.W.

Elevation Bottom of Probe -37.75 M.L.W.

Total Depth of Probe 3' Feet

Hammer Wt. 300# Probe Started 4:25

Hammer Drop 18" Probe Completed 4:40

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	13 35 58 50/0"	STIFF TO HAND REFUSAL AT -37.75 50/0"	CLEAN PROBE RODS

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-E-14 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 6.00 of Water Surface M.L.W.

Elevation Top of Probe 37.50 M.L.W.

Elevation Top of Refusal -39.00 M.L.W.

Elevation Bottom of Probe -39.00 M.L.W.

Total Depth of Probe 1.50 Feet

Hammer Wt. 300# Probe Started 5:10

Hammer Drop 18" Probe Completed 5:25

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	10	STIFF	Clean Probe Rods
	18/6"	very STIFF	
	50/0"	REFUSAL A -39.00	
		50/0" Pen	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-E-15 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 4.50 of Water Surface M.L.W.

Elevation Top of Probe -34.50 M.L.W.

Elevation Top of Refusal -41.50 M.L.W.

Elevation Bottom of Probe -41.50 M.L.W.

Total Depth of Probe 70 Feet

Hammer Wt. 300# Probe Started 5:30

Hammer Drop 18" Probe Completed 5:50

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	4	med TO	CLEAN PROBE
	8	STIFF	Rods
	16		
	25	very STIFF	
	41		
	65	TO HARD	
	74		
	50/0	Refusal 50 blows/0" at -41.5 FT.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-E16 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 3.50 of Water Surface M.L.W.

Elevation Top of Probe -41.00 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -41.00 M.L.W.

Total Depth of Probe 0" Feet

Hammer Wt. 300# Probe Started 6:05

Hammer Drop 18" Probe Completed 6:15

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Lowered Probe Rods to -41.00 ft.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-E17 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 3 of Water Surface M.L.W.

Elevation Top of Probe -43.00 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -43.00 M.L.W.

Total Depth of Probe 0" Feet

Hammer Wt. 300# Probe Started 6:30

Hammer Drop 18" Probe Completed 6:35

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Lowered Probe Rods To 43.00	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
E.18
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-E.18 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +3.25 of Water Surface M.L.W.

Elevation Top of Probe -40.25 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.25 M.L.W.

Total Depth of Probe 0 Feet

Hammer Wt. 300# Probe Started 6:25

Hammer Drop 18" Probe Completed 6:30

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		lowered probe & Rods to -40.25	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. ~~FP-83-~~ F-13 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 6.50 of Water Surface M.L.W.

Elevation Top of Probe -17.00 M.L.W.

Elevation Top of Refusal -24.25 M.L.W.

Elevation Bottom of Probe -24.25 M.L.W.

Total Depth of Probe 7.25 Feet

Hammer Wt. 300# Probe Started 4:50

Hammer Drop 18" Probe Completed 5:00

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	9	STIFF	Clean Probe Rods
	9		
	7		
	12	STIFF TO HARD	
	17		
	30		
	57		
	~~50/.25~~ 50/0"	REFUSAL AT -24.25 50/0" Pen.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
F-14
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-F-14 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +6.25 of Water Surface M.L.W.

Elevation Top of Probe -16.75 M.L.W.

Elevation Top of Refusal -23.75 M.L.W.

Elevation Bottom of Probe -23.75 M.L.W.

Total Depth of Probe 7' Feet

Hammer Wt. 300# Probe Started 4:58

Hammer Drop 18" Probe Completed 5:05

Drilled by [illegible]

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
5	2 9 7 15 19 33 69 50/0"	V SOFT STIFF to HARD Refusal 50/0" at -23.75 ft.	Clean probe & Rods upon completion

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
F-15

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. F-15 FP-83- Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +6.75 of Water Surface M.L.W.

Elevation Top of Probe -19.75 M.L.W.

Elevation Top of Refusal -26.75 M.L.W.

Elevation Bottom of Probe -26.75 M.L.W.

Total Depth of Probe 7' Feet

Hammer Wt. 300# Probe Started 4:25

Hammer Drop 18" Probe Completed 4:35

Drilled by D Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	2 1	VERY SOFT	
	3 3		
5	7 21	V. STIFF to HARD	
	49		
8	50/0"	Refusal 50/0" at -26.75 ft.	Clean probe & Rods

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
F-16

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-F-16 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +5.5 of Water Surface M.L.W.

Elevation Top of Probe -23.5 M.L.W.

Elevation Top of Refusal -33.5 M.L.W.

Elevation Bottom of Probe -33.5 M.L.W.

Total Depth of Probe 10 Feet

Hammer Wt. 300# Probe Started 5:25

Hammer Drop 18" Probe Completed 5:30

Drilled by R. Lynn

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3 1 2 3	V SOFT	
5	7 11 12 22	MED. STIFF to V. STIFF	
10	17 39	HARD	
11	50/0"	Refusal 50/0" at -33.5 ft.	Clean Probes & Rods

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
F-17
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME. Page 1 of 1 Pages

Probe No. F-17 FP-83- Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +4.5 of Water Surface M.L.W.

Elevation Top of Probe -31.5 M.L.W.

Elevation Top of Refusal -35.5 M.L.W.

Elevation Bottom of Probe -35.5 M.L.W.

Total Depth of Probe 4' Feet

Hammer Wt. 300# Probe Started 5:40

Hammer Drop 18" Probe Completed 5:50

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	2	VERY SOFT	~~VERY SOFT~~
	3		
	2	VERY STIFF	~~V STIFF~~
	19		
	50/0"	Refusal 50/0" at -35.5 ft.	Clean probe & Rods

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83-F18 Desig. ____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N ____ E ____

Elevation +3' of Water Surface M.L.W.

Elevation Top of Probe -28.3 M.L.W.

Elevation Top of Refusal -36.5 M.L.W.

Elevation Bottom of Probe -36.5 M.L.W.

Total Depth of Probe 8.2 Feet

Hammer Wt. 300# Probe Started 10:55

Hammer Drop 18" Probe Completed 11:05

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	2	Firm To	
	3	STIFF	
	4		
	10		
	9		
	22	very STIFF TO	Clean Probe
	40		Rods
	90	HARD	
	50/0	Refusal 50 blows/0"	
		at -36.5 ft.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83-21 Desig. ____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N ____ E ____

Elevation +4' of Water Surface M.L.W.

Elevation Top of Probe -39 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.0 M.L.W.

Total Depth of Probe 1' Feet

Hammer Wt. 300# Probe Started 11:40

Hammer Drop 18" Probe Completed 11:45

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	W.O.M.	Probe ended at -40.0 ft.	Clean Probe Rods

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-22 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +4.0 of Water Surface M.L.W.

Elevation Top of Probe -42.5 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -42.5 M.L.W.

Total Depth of Probe 0 Feet

Hammer Wt. 300# Probe Started 11:40

Hammer Drop 18" Probe Completed 11:40

Drilled by R. Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Lowered to 42.5" Probe ended at -42.5 ft.	clean rods & probe

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
F-23
FIELD LOG OF TEST PROBE

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Probe No. FP-83- F-23 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +3.75 of Water Surface M.L.W.

Elevation Top of Probe -41.75 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe — M.L.W.

Total Depth of Probe 0 Feet

Hammer Wt. 300# Probe Started 11:25

Hammer Drop 18" Probe Completed 11:25

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Lowered probe to -41.75 Probe ended at -41.75 ft.	clean probe & rods upon completion

GENERAL REMARKS

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CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor NH-ME Page 1 of 1 Pages

Probe No. F-24 (F2-83) Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +7.75' of Water Surface M.L.W.

Elevation Top of Probe -37.25' M.L.W.

Elevation Top of Refusal ——— M.L.W.

Elevation Bottom of Probe -43.25' M.L.W.

Total Depth of Probe 6' Feet

Hammer Wt. 300# Probe Started 12:05

Hammer Drop 18" Probe Completed 12:15

Drilled by Don Campbell

Mfg. Des.Drill Acker Bee

Inspected by: Peter Mcblomb

Depth 1"= 1'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH	SOFT	
1'	WOH		
2'			RODS WERE CLEAN
	5	MED. STIFF	
3'			
	8	STIFF	
4'			
	15		
5'			
	7	MED. STIFF	
6'			

GENERAL REMARKS

Bottom of Probe at -43.25', No Refusal

9-22-83

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NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH & ME Page 1 of 1 Pages

Probe No. FP-83-F-25 Desig. ____ Diam.Probe ROD Air

Coordinates: N ____ E ____

Elevation +7.5' of Water Surface M.L.W.

Elevation Top of Probe -38.5' M.L.W.

Elevation Top of Refusal —— M.L.W.

Elevation Bottom of Probe -44.5' M.L.W.

Total Depth of Probe 6' Feet

Hammer Wt. 300# Hammer Drop 18'

Probe Started 11:35

Probe Completed 11:50

Drilled by Don Campbell

Mfg. Des.Drill Baker Ace

Inspected by: Peter J. Bellonti

Depth 1"= 1'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH		
1'			
	WOH		RODS WERE CLEAN
2'			
	1	SOFT	
3'			
	1		
4'			
	3		
5'			
	3		
6'			

GENERAL REMARKS

Bottom of Probe at -44.5', NO REFUSAL

U. S. ARMY
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FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH & Me Page 1 of 1 Pages

Probe No. FP-93-F-26 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +7.0' of Water Surface M.L.W.

Elevation Top of Probe -39.0' M.L.W.

Elevation Top of Refusal ——— M.L.W.

Elevation Bottom of Probe -40.0' M.L.W.

Total Depth of Probe 1' Feet

Hammer Wt. 300# Hammer Drop 18" Probe Started 11:00 Probe Completed 11:10

Drilled by Don Campbell

Mfg. Des. Drill Acker Ace

Inspected by: Peter Ballanti

2-83

Depth 1" = 1'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1'	WOH	SOFT	RODS WERE CLEAN
		Bottom of Probe at -39.0', No Refusal	

GENERAL REMARKS

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CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor NH Page 1 of 4 Pages

Probe No. FP-83-F-27 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +6.3' of Water Surface M.L.W.

Elevation Top of Probe -39.7' M.L.W.

Elevation Top of Refusal ____ M.L.W.

Elevation Bottom of Probe -40.7' M.L.W.

Total Depth of Probe 1' Feet

Hammer Wt. 300# Probe Started 10:45

Hammer Drop 18" Probe Completed 10:55

Drilled by Don Campbell

Mfg. Des.Drill Acker Rex

Inspected by: Peter J. Bettencourt

Depth 1"= 1'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH	SOFT	RODS WERE CLEAN
1'		Bottom of Probe at -40.7', No Refusal.	

GENERAL REMARKS

9-22-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH & ME Page 1 of 1 Pages

Probe No. FP-83-F-28 Desig. _____ Diam.Probe ROD AW

Coordinates: N _____ E _____

Elevation +5.5' of Water Surface M.L.W.

Elevation Top of Probe -41.5' M.L.W.

Elevation Top of Refusal ——— M.L.W.

Elevation Bottom of Probe -42.5' M.L.W.

Total Depth of Probe 1' Feet

Hammer Wt. 300# Probe Started 10:00

Hammer Drop 18" Probe Completed 10:10

Drilled by Don Campbell

Mfg. Des.Drill Acker Ace

Inspected by: Peter Bellanti

Depth 1"= 2'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1'	Wo/H	SOFT Bottom of Probe 42.5' No Refusal	Rods were clean

GENERAL REMARKS

9-22-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH-ME Page 1 of 1 Pages

Probe No. FA-83-P-29 Desig. _____ Diam.Probe ROD AW

Coordinates: N _____ E _____

Elevation +6.0' of Water Surface M.L.W.

Elevation Top of Probe -42.0' M.L.W.

Elevation Top of Refusal ——— M.L.W.

Elevation Bottom of Probe -42.0' M.L.W.

Total Depth of Probe 0'' Feet

Hammer Wt. 300# Probe Started 10:40

Hammer Drop 18" Probe Completed 11:50

Drilled by Don Ebersbach

Mfg. Des.Drill Acker Ace

Inspected by: Peter J. Bellantoni

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Bottom of Probe at -42.0' No refusal	

GENERAL REMARKS

9-21-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NAPMO Page 1 of 1 Pages

Probe No. FP-B3-F-30 Desig. ____ Diam.Probe ROD Aw

Coordinates: N ____ E ____

Elevation +2.0' of Water Surface M.L.W.

Elevation Top of Probe -35.0' M.L.W.

Elevation Top of Refusal -36.0' M.L.W.

Elevation Bottom of Probe -36.0' M.L.W.

Total Depth of Probe 1' Feet

Hammer Wt. 300# Probe Started 4:25

Hammer Drop 18" Probe Completed 4:40

Drilled by Don Campbell

Mfg. Des.Drill Acker Ace

Inspected by: PLB

Depth 1"= 1'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1'	81	VERY HARD	RODS WERE CLEAN
		REFUSAL: 50 blows PER 0" at -36.0' 300 # HAMMER	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH & ME. Page 1 of 1 Pages

Probe No. FP-83-F-31 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

-83

Elevation +2.5 of Water Surface M.L.W.

Elevation Top of Probe -37.0' M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.0' M.L.W.

Total Depth of Probe 3' Feet

Hammer Wt. 360# Hammer Drop 18" Probe Started 3:50 Probe Completed 4:10

Drilled by Don Campbell

Mfg. Des. Drill Acker Ace

Inspected by: PLB

Depth 1" = 2'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH	SOFT	
1'			
	30	HARD	RODS WERE CLEAN
2'			
	49	VERY HARD	
3'		Bottom of Probe at -40.0' No refusal.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH & ME Page 1 of 1 Pages

Probe No. FP-88 F-32 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation 12.0 of Water Surface M.L.W.

Elevation Top of Probe -39.0 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -41.0 M.L.W.

Total Depth of Probe 2' Feet

Hammer Wt. 300# Probe Started 4:15

Hammer Drop 18" Probe Completed 4:25

Drilled by R Seaman

Mfg. Des. Drill Acker Ace

Inspected by: PLB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1/2	3 weight of hammer	VERY SOFT	clean Rods & probe
		Bottom of Probe at -41.0' No refusal.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH&ME Page 1 of 1 Pages

Probe No. FP-83-F-33 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +2.5 of Water Surface M.L.W.

Elevation Top of Probe -37.3 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -41.3 M.L.W.

Total Depth of Probe 4' Feet

Hammer Wt. 300# Probe Started 3:50

Hammer Drop 18" Probe Completed 4:10

Drilled by R Senmour

Mfg. Des. Drill Acker Ace

Inspected by: DLB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1/3	3 weight of hammer	VERY SOFT	Some silt & sand on probe upon completion
2/3	5	STIFF	
	9	Bottom of Probe at -41.3', No Refusal	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH-ME Page 1 of 1 Pages

Probe No. FP-83 F-34 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +0.75 of Water Surface M.L.W.

Elevation Top of Probe -41.25 M.L.W.

Elevation Top of Refusal ——— M.L.W.

Elevation Bottom of Probe -42.25 M.L.W.

Total Depth of Probe 1' Feet

Hammer Wt. 300# Probe Started 6:00

Hammer Drop 18" Probe Completed 6:10

Drilled by Don Campbell

Mfg. Des. Drill Acker ACE

Inspected by: PLB

Depth 1"= 1'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1'	WOH	SOFT	Rock were clean
		Bottom of Probe -42.25 No Refusal.	

GENERAL REMARKS

9-21-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NHF Page 1 of 1 Pages

Probe No. FP-83 F-35 Desig. _____ Diam.Probe ROD AW

Coordinates: N _____ E _____

Elevation +0.75 of Water Surface M.L.W.

Elevation Top of Probe -42.25 M.L.W.

Elevation Top of Refusal ——— M.L.W.

Elevation Bottom of Probe -44.25 M.L.W.

Total Depth of Probe 2' Feet

Hammer Wt. 300# Probe Started 5:35

Hammer Drop 18" Probe Completed 5:50

Drilled by DON CAMPBELL

Mfg. Des.Drill ACKER ACE

Inspected by: RLB

Depth 1"= 2'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1'	WOH	SOFT	
2'	4	MED. STIFF	RODS WERE CLEAN
		Bottom of Probe at -42.25', NO Refusal.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH & ME Page 1 of 1 Pages

Probe No. FP-83 F-36 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation 7.3' of Water Surface M.L.W.

Elevation Top of Probe -37.0' M.L.W.

Elevation Top of Refusal —— M.L.W.

Elevation Bottom of Probe -40.0' M.L.W.

Total Depth of Probe 3' Feet

Hammer Wt. 300# Hammer Drop 18"

Probe Started 11:10

Probe Completed 11:25

Drilled by Don Campbell

Mfg. Des. Drill Acker Ace

Inspected by: Peter Z. Gibbons

Depth 1" = 2'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1'	10	STIFF	CLAY, LITTLE VERY FINE SAND
2'	26	VERY STIFF	
3'	35	HARD	
		Bottom of Probe -40.0' No Refusal.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Naval Shipyard NH Page 1 of 1 Pages

Probe No. 72-83 F-37 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +6'6" of Water Surface M.L.W.

Elevation Top of Probe -39'6" M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -41'6" M.L.W.

Total Depth of Probe 2' Feet

Hammer Wt. 300# Hammer Drop 18"

Probe Started 10:20

Probe Completed 10:45

Drilled by Don Campbell

Mfg. Des. Drill Acker Ace

Inspected by: Peter Pelbarki

Depth 1" = 2'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1'	3	SOFT	CLEAN RODS
2'	7	MED. STIFF	
-41.5'		Bottom of Probe -41.5' No refusal.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor NH 89 Page 1 of 1 Pages
Probe No. FP-85 F-38 Desig. _____ Diam. Probe ROD AW
Coordinates: N _____ E _____

Elevation +6' of Water Surface M.L.W.
Elevation Top of Probe -40'6" M.L.W.
Elevation Top of Refusal ——— M.L.W.
Elevation Bottom of Probe -42'6" M.L.W.
Total Depth of Probe 2' Feet

Hammer Wt. 300# Probe Started 9:30
Hammer Drop 18" Probe Completed 9:50
Drilled by Don Campbell
Mfg. Des. Drill Acker Ace
Inspected by: Peter Belanti

Depth 1"= 2'		Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1'	2	soft	clean Rock
		6	med. stiff	
-42.5	2'		Bottom of Probe at -42.5' No refusal	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portland Harbor, MAINE Page 1 of 1 Pages

Probe No. FP-83 F-39 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +5.3' of Water Surface M.L.W.

Elevation Top of Probe -42.7' M.L.W.

Elevation Top of Refusal —— M.L.W.

Elevation Bottom of Probe -42.7' M.L.W.

Total Depth of Probe 0 Feet

Hammer Wt. 340# Hammer Drop 18" Probe Started 9:15 Probe Completed 9:30

Drilled by DON CAMPBELL

Mfg. Des.Drill ACKER ACE

Inspected by: [illegible]

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Bottom of Probe -42.7' No refusal - No blows administered ——	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH PNE Page 1 of 1 Pages

Probe No. F-40 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +4 of Water Surface M.L.W.

Elevation Top of Probe -41.30 M.L.W.

Elevation Top of Refusal —— M.L.W.

Elevation Bottom of Probe -43.1 M.L.W.

Total Depth of Probe -1.8' Feet

Hammer Wt. 300# Hammer Drop 18" Probe Started 8:30 Probe Completed 8:45

Drilled by Dan Campbell

Mfg. Des. Drill Acker ACE

Inspected by: RLB

Depth 1"= 2'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH	SOFT	clean water
	2		
		Bottom of Probe -43.1' No refusal	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-C-13 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 2.25 of Water Surface M.L.W.

Elevation Top of Probe 16.75 M.L.W.

Elevation Top of Refusal -22.25 M.L.W.

Elevation Bottom of Probe -25.25 M.L.W.

Total Depth of Probe 5.50 Feet

Hammer Wt. 300# Probe Started 1045

Hammer Drop 18" Probe Completed 1100

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	13	STIFF TO	SOME FINE SAND
	23		
	33	very STIFF	+ INORGANIC SILT
	26		
	30		
	58=6'	HARD Refusal at -22.25 ft. 50 blows/0"	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-614 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation -1.25 of Water Surface M.L.W.

Elevation Top of Probe -14.75 M.L.W.

Elevation Top of Refusal -23.75 M.L.W.

Elevation Bottom of Probe -23.75 M.L.W.

Total Depth of Probe 9 Feet

Hammer Wt. 300# Probe Started 10:10

Hammer Drop 18" Probe Completed 10:20

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	5 5 12 12 14	Med TO STIFF	Clean Probe Rods
	16 20 30 60	very STIFF TO HARD	
	50/0	Refusal AT -23.75 FT. 50/0' Penn.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-E-16 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +1 of Water Surface M.L.W. 11.00

Elevation Top of Probe -23.00 M.L.W.

Elevation Top of Refusal -23.00 M.L.W.

Elevation Bottom of Probe -23.00 M.L.W.

Total Depth of Probe -12.00 Feet

Hammer Wt. 300# Probe Started 9:50

Hammer Drop 18" Probe Completed 9:55

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1		
	7	very SOFT TO	
	10	STIFF	
	13		Clean Probe
	13		
	10	STIFF	Rods
	11		
	10		
	12		
	24	very STIFF TO	
	38		
	49	Hard	
	50/0"	Refusal AT	
		-23.00 ft.	
		50/0" Pen	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

9/27/83

Site Portsmouth Harbor N.H.& ME. Page 1 of 1 Pages

Probe No. FP-83- G-17 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +.50 of Water Surface M.L.W.

Elevation Top of Probe ~~[illegible]~~ -17.5 M.L.W.

Elevation Top of Refusal ~~[illegible]~~ -27.0 M.L.W.

Elevation Bottom of Probe ~~27.50~~ -27.0 M.L.W.

Total Depth of Probe 9.50 Feet

Hammer Wt. 300# Probe Started 9:15

Hammer Drop 18" Probe Completed 9:25

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3	SOFT	Clean Probe Rods
	3		
	4		
	6		
	25	Med TO	
	25	HARD	
	24		
	51		
	45	HARD	
	39. 6"	REFUSAL AT	
	50/0"	-27.50 ft.	
		50/0"	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-6-16 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +2.0 of Water Surface M.L.W.

Elevation Top of Probe -19.7 M.L.W.

Elevation Top of Refusal 32.7 M.L.W.

Elevation Bottom of Probe 32.7 M.L.W.

Total Depth of Probe 13' Feet

Hammer Wt. 300# Probe Started 10:25

Hammer Drop 18" Probe Completed 10:35

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1 3 3 8 9 SOFT TO med STIFF	SOFT TO med STIFF	
	18 22 25 18 17 very	~~very~~ very STIFF TO HARD	some fine sand + inorganic silt
	30 39 43 50/0"	very STIFF TO HARD	
		REFUSAL AT -32.7 50/0"	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-619 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 0.75 of Water Surface M.L.W.

Elevation Top of Probe -21' M.L.W.

Elevation Top of Refusal -34.0 M.L.W.

Elevation Bottom of Probe -34.0 M.L.W.

Total Depth of Probe 13' Feet

Hammer Wt. 300# Probe Started 9:25 AM

Hammer Drop 18" Probe Completed 9:45 AM

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	8	med	
	7	med	
	12	STIFF	Some Clay on Probe Rod
	11	STIFF	
	31	HARD	
	12	STIFF	
	15	STIFF	
	13	STIFF	
	25	Very STIFF	
	45	HARD	
	35	HARD	
	50	HARD	
	0"	Refusal 50/0" at -34.0 ft.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
6-20
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-6-20 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +.75 of Water Surface M.L.W.

Elevation Top of Probe -29.75 M.L.W.

Elevation Top of Refusal -39.75 M.L.W.

Elevation Bottom of Probe -39.75 M.L.W.

Total Depth of Probe 10' Feet

Hammer Wt. 300# Probe Started 9:15

Hammer Drop 18" Probe Completed 9:40

Drilled by D Summan

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1 2 3	V SOFT	
5	4 1 11	SOFT to STIFF	
	17 19	V. STIFF	
10	27 30		
11	50/0"	Refusal 50/0" at -39.75 ft.	Clean Rods & probe

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
6-21
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-6-21 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +1.5 of Water Surface M.L.W.

Elevation Top of Probe -31.5 M.L.W.

Elevation Top of Refusal -38.5 M.L.W.

Elevation Bottom of Probe -38.5 M.L.W.

Total Depth of Probe 7' Feet

Hammer Wt. 300# Probe Started 10:10

Hammer Drop 18" Probe Completed 10:20

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
5	1, 2, 3, 4, 11, 18	very soft	
7		STIFF to V. STIFF	
8	Refusal	50/0" Refusal at -38.5 ft.	Clean Rock / probe upon completion

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83-~~5~~ 6-22 Desig. ____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N ____ E ____

Elevation +2.0 of Water Surface M.L.W.

Elevation Top of Probe -37.3 ~~[illegible]~~" M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.5 M.L.W.

Total Depth of Probe 3' Feet

Hammer Wt. 300# Probe Started 10:25

Hammer Drop 18" Probe Completed 10:35

Drilled by R. Symons

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1 2 3	2 1	VERY SOFT Probe ended at -40.5 FT.	Clean Probe & Rods upon completion

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
G-23
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-G-23 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +3.0 of Water Surface M.L.W.

Elevation Top of Probe -38.0 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -41.0 M.L.W.

Total Depth of Probe 3' Feet

Hammer Wt. 300# Probe Started 11:00

Hammer Drop 18" Probe Completed 11:05

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1 2 3	4 6 5	SOFT TO MED. STIFF Probe ended at -41.0 ft.	Clean probe & Rods

GENERAL REMARKS

9-22-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor NH-ME Page 1 of 1 Pages
Probe No. FP-83-G-24 Desig. ____ Diam.Probe ROD AW
Coordinates: N ____ E ____

Elevation +8.0' of Water Surface M.L.W.
Elevation Top of Probe -27.0' M.L.W.
Elevation Top of Refusal —— M.L.W.
Elevation Bottom of Probe -40.0' M.L.W.
Total Depth of Probe 13' Feet

Hammer Wt. 300.# Probe Started 12:30
Hammer Drop 18" Probe Completed 12:55
Drilled by Don Campbell
Mfg. Des.Drill Acker AFE
Inspected by: Peter I Bobowski

Depth 1"= 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH		
	WOH		
	1/5		
	1/5	SOFT	
5'	1/5		
	1/5		GREY SILT, SOME BROKEN SHELLS, LITTLE CLAY.
	1/5		
	5	MED. STIFF	
	8	STIFF	
10'	4	MED. STIFF	
	4		
	10	STIFF	This MATERIAL WAS observed ON RODS, AFTER COMPLETION OF HOLE
	12		
15'		Bottom of Probe -40.0' No Refusal.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH Page 1 of 1 Pages

Probe No. DP-83-G-25 Desig. _____ Diam.Probe ROD AW

Coordinates: N _____ E _____

Elevation +7.75 of Water Surface M.L.W.

Elevation Top of Probe +29.75 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.75 M.L.W.

Total Depth of Probe 11' Feet

Hammer Wt. 300# Probe Started 12:13

Hammer Drop 18" Probe Completed 12:40

Drilled by K Sennom

Mfg. Des.Drill Acker Ace

Inspected by: HB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	1		
2			
3			
4			
5		very soft	
6	weight of hammer		
7			clean rods and probe.
8			
9			
10			
11	2		
		Bottom of Probe at -40.75', No Refusal	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH & ME Page 1 of 1 Pages

Probe No. FE-83-G-26 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +7.5 of Water Surface M.L.W.

Elevation Top of Probe -33.5 M.L.W.

Elevation Top of Refusal —— M.L.W.

Elevation Bottom of Probe -40.5 M.L.W.

Total Depth of Probe 7' Feet

Hammer Wt. 300# Hammer Drop 18' Probe Started 11:40 Probe Completed 12:00

Drilled by R Simmons

Mfg. Des. Drill Acker Ace

Inspected by: PLB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	4	very soft to soft	
2	4		
3	9		
4	15	med. stiff	some silt & sand on probe
5	17		
6	14		
7	16	Bottom of Probe at -40.5', No Refusal.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH & ME Page 1 of 1 Pages

Probe No. FP-83-G-27 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +7.3 of Water Surface M.L.W.

Elevation Top of Probe -30.5 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.5 M.L.W.

Total Depth of Probe 10' Feet

Hammer Wt. 300 Probe Started 10:37

Hammer Drop 18" Probe Completed 11:15

Drilled by K Samson

Mfg. Des. Drill Acker Ace

Inspected by: RJB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	4	soft to med shale	
2	4		
3	6		
4	2		
5	3		
6	5		
7	7		
8	4		
9	8		
10	11	shale	
		Bottom of Probe at -40.5', No Refusal.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH-ME Page 1 of 1 Pages

Probe No. FP-83-G-28 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +5.5 of Water Surface M.L.W.

Elevation Top of Probe -30.5 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.5 M.L.W.

Total Depth of Probe 10' Feet

Hammer Wt. 300 Probe Started 10:05

Hammer Drop 18" Probe Completed 10:20

Drilled by K Seymour

Mfg. Des.Drill Acker Ako

Inspected by: DCB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1, 2, 3, 4	weight of hammer	Very soft	
5	2		
6	3		
7	7		
8	8	Soft to stiff	
9	11		some silt and veg. on rocks
10	10		
		Bottom of Probe at -40.5', No Refusal.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH Page 1 of 1 Pages

Probe No. FP-83 G-29 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +6.3 of Water Surface M.L.W.

Elevation Top of Probe -28.0 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -41.0 M.L.W.

Total Depth of Probe 13' Feet

Hammer Wt. 300 Probe Started 10:40

Hammer Drop 18" Probe Completed 11:00

Drilled by R Seymour

Mfg. Des. Drill Acker Ace

Inspected by: PLB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	2	very soft	
2	2		
3	3		
4	3		
5	2	soft to med stiff	
6	3		
7	6		
8	5		
9	7		
10	7		Some SAND & SILT on Rods
11	11	stiff	
12	13		
13	10		
		Bottom of Probe -41.0' No refusal	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH & ME Page 1 of 1 Pages

Probe No. FA83 G-30 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +1.75 of Water Surface M.L.W.

Elevation Top of Probe -1.75' M.L.W.

Elevation Top of Refusal -15.75' M.L.W.

Elevation Bottom of Probe -15.75' M.L.W.

Total Depth of Probe 14' Feet

Hammer Wt. 200# Probe Started 4:50

Hammer Drop 18" Probe Completed 5:20

Drilled by Don Campbell

Mfg. Des.Drill Acker Hee

Inspected by: MB

Depth 1"= 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	8	STIFF	
	12		
	50	VERY HARD	
	20	VERY STIFF	RODS WERE CLEAN
5'	19		
	20		
	23		
	26		
	33	HARD	
10'	48		
	80	VERY HARD	
	51		
	76		
	89		
15'		REFUSAL at -15.75	

GENERAL REMARKS

.83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor NH & ME Page 1 of 1 Pages

Probe No. FP-83-G-31 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +15 of Water Surface M.L.W.

Elevation Top of Probe -8.8 M.L.W.

Elevation Top of Refusal -21.8 M.L.W.

Elevation Bottom of Probe -21.8 M.L.W.

Total Depth of Probe 13' Feet

Hammer Wt. 300 Probe Started 4:35

Hammer Drop 18" Probe Completed 5:00

Drilled by R Sennott

Mfg. Des.Drill Arlen Ace

Inspected by: PB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	9	STIFF	
2	10		
3	8		
4	11		
5	12		
6	17		
7	18	VERY STIFF	
8	26		
9	27		
10	21		
11	38		
12	63		
13	81	VERY HARD	Some silt & sand on probe
14	50/0"	Refusal 50/0" at -21.8'	
15			
16			
17			
18			
19			
20			

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor — Page 1 of 1 Pages

Probe No. FP-83-6-32 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +1.0 of Water Surface M.L.W.

Elevation Top of Probe -17.8 M.L.W.

Elevation Top of Refusal -31.8 M.L.W.

Elevation Bottom of Probe -31.8 M.L.W.

Total Depth of Probe 14' Feet

Hammer Wt. 300 Probe Started 5:05

Hammer Drop 18" Probe Completed 5:40

Drilled by R. Simpson

Mfg. Des. Drill Acker Acq

Inspected by: DIB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	8	STIFF	
2	10		
3	30		
4	25	VERY STIFF	
5	27		
6	26		
7	28		
8	19		
9	41	HARD	
10	49		
11	69		
12	81		
13	91	VERY HARD	
14	96		
	50/0"	Refusal 50/0" at -31.8'	Some silt & sand on probe

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH-ME Page 1 of 1 Pages

Probe No. FR-83-6-33 Desig. _____ Diam.Probe ROD AW

Coordinates: N _____ E _____

Elevation +0.75 of Water Surface M.L.W.

Elevation Top of Probe -27.5 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.5 M.L.W.

Total Depth of Probe 13' Feet

Hammer Wt. 300# Probe Started 5:50

Hammer Drop 18" Probe Completed 6:05

Drilled by R Seymour

Mfg. Des.Drill Arkon ACO

Inspected by: DLB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	6	SOFT	
2	7		
3	11	STIFF	
4	19		
5	21	VERY STIFF	
6	22		
7	25		
8	27		
9	29		
10	33		Some silt & sand on probes
11	30	HARD	
12	27		
13	33		
		Bottom of Probe -40.5' No Refusal.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NAPA Page 1 of 1 Pages

Probe No. FP-83-G-34 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +0.75 of Water Surface M.L.W.

Elevation Top of Probe -30.75 M.L.W.

Elevation Top of Refusal -34.75 M.L.W.

Elevation Bottom of Probe -34.75 M.L.W.

Total Depth of Probe 4 Feet

Hammer Wt. 300 lb Probe Started 6:15

Hammer Drop 18" Probe Completed 6:20

Drilled by D Sennon

Mfg. Des. Drill Acker 4CP

Inspected by: PLB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	1	VERY SOFT	
2	1		
3	7		
4	8	STIFF	
5	50/0"	Refusal 50/0" at -34.75'	Clear probe upon completion

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NHIME Page 1 of 1 Pages

Probe No. FP-83 G-36 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation 7'3" of Water Surface M.L.W.

Elevation Top of Probe -8.5' M.L.W.

Elevation Top of Refusal -20.5' M.L.W.

Elevation Bottom of Probe -20.5' M.L.W.

Total Depth of Probe 12' Feet

Hammer Wt. 300# Probe Started 11:45

Hammer Drop 18" Probe Completed 12:30

Drilled by Don Campbell

Mfg. Des. Drill Acker ACE

Inspected by: Peter J. Bettencourt

Depth 1"= 2'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1'	13	STIFF	CLEAN RODS (NO SOIL TO DETERMINE TYPE)
2'	24	VERY STIFF	
3'	23	VERY STIFF	
4'	20	VERY STIFF	
5'	19	VERY STIFF	
6'	20	VERY STIFF	
7'	29	VERY STIFF	
8'	33	HARD	
9'	43	HARD	
10'	42	HARD	
11'	55	VERY HARD	
12'	87	VERY COMPACT	

GENERAL REMARKS Refusal encountered at -20.5'

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH & ME Page 1 of 1 Pages

Probe No. FR-83 G-37 Desig. ____ Diam. Probe ROD 4W

Coordinates: N ____ E ____

Elevation +3.5 of Water Surface M.L.W.

Elevation Top of Probe -18.5 M.L.W.

Elevation Top of Refusal -31.5 M.L.W.

Elevation Bottom of Probe -31.5 M.L.W.

Total Depth of Probe - 13 ft Feet

Hammer Wt. 300 Probe Started 8:20

Hammer Drop 30" Probe Completed 9:15 AM

Drilled by R. SEYMOUR

Mfg. Des. Drill ACKER ACE

Inspected by: PLB

Depth 1" = 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	9, 13, 15, 20	SOFT to HARD	SM (fine sand & silt)
23.5	17, 60		
	35, 31, 32	HARD to VERY HARD	?
28.5	44, 78, 124	OPEN/50 blows	
		REFUSAL AT - 31.5'	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Naval Shipyard NHPP Page 1 of 1 Pages

Probe No. FP-83 G-38 Desig. _____ Diam. Probe ROD Auger

Coordinates: N _____ E _____

Elevation +6.3 of Water Surface M.L.W.

Elevation Top of Probe -18.4 M.L.W.

Elevation Top of Refusal -30.4 M.L.W.

Elevation Bottom of Probe -30.4 M.L.W.

Total Depth of Probe 12.0' Feet

Hammer Wt. 500 Probe Started 10:00

Hammer Drop 18" Probe Completed 10:25AM

Drilled by R. SEYMOUR

Mfg. Des. Drill Acker

Inspected by: PLB

Depth 1" = 10'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	10	SOFT TO HARD	
	13		
	18		
	18		
	12		
	32	HARD to VERY HARD	
	67		
	69		
28.4	53		
	64		
	71		
30.4	50/6"	REFUSAL 50/0" at -30.4 MLW	clean Probe & Rods

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH Page 1 of 1 Pages

Probe No. PP-83 G-39 Desig. _____ Diam. Probe ROD AW

Coordinates: N _____ E _____

Elevation +7.3 of Water Surface M.L.W.

Elevation Top of Probe -12.5 M.L.W.

Elevation Top of Refusal -31.5 M.L.W.

Elevation Bottom of Probe -31.5 M.L.W.

Total Depth of Probe 19' Feet

Hammer Wt. 300 Probe Started 11:30

Hammer Drop 18" Probe Completed 12:15

Drilled by R SEYMOUR

Mfg. Des. Drill ACKER ACE

Inspected by: PLB

Depth 1" = 10'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	4, 11, 16	VERY SOFT to SOFT	
5	24, 36, 39, 36, 38, 38, 34, 35, 27, 36, 39, 39	SOFT to HARD	
15	45, 63, 72, 69, 50/0"	HARD to VERY HARD	Clean Probe & Rocks
20		REFUSAL 50/0" at -31.5 MLW	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Naval, NH FAR Page 1 of 1 Pages

Probe No. FA-83-G-40 Desig. _____ Diam.Probe ROD AW

Coordinates: N _____ E _____

Elevation +6.5 of Water Surface M.L.W.

Elevation Top of Probe -21.8 M.L.W.

Elevation Top of Refusal -33.8 M.L.W.

Elevation Bottom of Probe -33.8 M.L.W.

Total Depth of Probe 12' Feet

Hammer Wt. 300 Probe Started 12:45

Hammer Drop 18" Probe Completed 1:10 PM

Drilled by R. SEYMOUR

Mfg. Des.Drill Acker Ace

Inspected by: PLB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	10, 11	SOFT	
	56, 40, 49, 36, 39	HARD	
5			
	61, 81, 90, 94	VERY HARD	Rods clean
10			
	50/0.	Refusal 50/0" at -33.8.	
15			

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor — Page 1 of 1 Pages

Probe No. FP-83-G-41 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +6.3 of Water Surface M.L.W.

Elevation Top of Probe -28.5 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.00 M.L.W.

Total Depth of Probe 11.5' Feet

Hammer Wt. 300# Hammer Drop 18"

Probe Started 1:20 Probe Completed 1:40

Drilled by Don Campbell

Mfg. Des. Drill Acker

Inspected by: Peter L. Bellmont

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH	SOFT	
1	3		
2	3		
3	3		
4	6	MED. STIFF	
5	5		
6	11	STIFF	
7	14		
8	21	VERY STIFF	Clean Rock
9	23		
10	21		
11	18		
-40		Bottom of Probe at -40.0'	

GENERAL REMARKS: No refusal.

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-14#13 Desig. ____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N ____ E ____

Elevation +1.50 of Water Surface M.L.W.

Elevation Top of Probe -7.50 M.L.W.

Elevation Top of Refusal -9.00 M.L.W.

Elevation Bottom of Probe -9.00 M.L.W.

Total Depth of Probe -1.50 Feet

Hammer Wt. 300# Probe Started 10:25

Hammer Drop 18" Probe Completed 10:35

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	2	Very SOFT	
	2-6"	Very SOFT	
	50/0	Bouncing Refusal AT -9.00 ft. 50/0" Penn	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE H-14

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-H-14 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +1.5 of Water Surface M.L.W.

Elevation Top of Probe -8.0 M.L.W.

Elevation Top of Refusal -16.0 M.L.W.

Elevation Bottom of Probe -16.0 M.L.W.

Total Depth of Probe 8' Feet

Hammer Wt. 300# Probe Started [illegible]

Hammer Drop 18" Probe Completed [illegible]

Drilled by _____

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
5	3 5 7 7 7 8 5 20 20/0	Refusal 8/0' at -16.0A	Clean Pebbles & Rocks
10			

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
H-15
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-H-15 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +1.0' of Water Surface M.L.W.

Elevation Top of Probe -9.5' M.L.W.

Elevation Top of Refusal -15.5' M.L.W.

Elevation Bottom of Probe -15.5 M.L.W.

Total Depth of Probe 6' Feet

Hammer Wt. 300# Probe Started 9:55

Hammer Drop 18" Probe Completed 10:00

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
5 6	2 2 6 9 15 41 50/0"	V. SOFT STIFF to HARD Refusal at -15.5 ft. 50/0"	Clam probe & Rods

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE H-16

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-H-16 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +0.5 of Water Surface M.L.W.

Elevation Top of Probe -9.0 M.L.W.

Elevation Top of Refusal -16.0 M.L.W.

Elevation Bottom of Probe -16.0 M.L.W.

Total Depth of Probe 7' Feet

Hammer Wt. 300# Probe Started 9:35

Hammer Drop 18" Probe Completed 9:45

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
5	1 2 2 5 11 26 7 48 50/0"	50/0" Refusal at -16.0 ft. Clean probe & Rods	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
H-17

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-4-17 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +0.5 of Water Surface M.L.W.

Elevation Top of Probe -9.5 M.L.W.

Elevation Top of Refusal -10.5 M.L.W.

Elevation Bottom of Probe -10.5 M.L.W.

Total Depth of Probe 1' Feet

Hammer Wt. 300# Probe Started 9.17

Hammer Drop 18" Probe Completed 9.22

Drilled by W. Sampson

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1/2	50/0"	V HARD Refusal at -10.5 ft 50blows/0"	Rock or boulder directly on bottom [illegible] As scribed [illegible] on probe

GENERAL REMARKS

9-23-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor Page 1 of 1 Pages

Probe No. H-18 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +4.5 of Water Surface M.L.W.

Elevation Top of Probe -20.5' M.L.W.

Elevation Top of Refusal -33.5' M.L.W.

Elevation Bottom of Probe -33.5' M.L.W.

Total Depth of Probe 13' Feet

Hammer Wt. 300# Hammer Drop 18"

Probe Started 3:50 Probe Completed 4:10

Drilled by Don Campbell

Mfg. Des. Drill Acker ACE

Inspected by: PLB

Depth 1" = 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3	SOFT	observed on Rods:
	2		Grey silt & Fine
	6	MED. STIFF	sand, little clay
	7		
5'	7		
	26	VERY STIFF	
	35	HARD	
	30	VERY STIFF	
	37	HARD	
	93		
10'	64	VERY HARD	
	69		
14'	74		
		Refusal 50 blows Per 0" at -33.5 ft	

GENERAL REMARKS

9-23-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor — Page 1 of 1 Pages

Probe No. H-19 Desig. ____ Diam. Probe ROD

Coordinates: N ____ E ____

Elevation +5.0' of Water Surface M.L.W.

Elevation Top of Probe -20.0' M.L.W.

Elevation Top of Refusal -36.0' M.L.W.

Elevation Bottom of Probe -36.0' M.L.W.

Total Depth of Probe 16' Feet

Hammer Wt. 300# Probe Started 3:25

Hammer Drop 18" Probe Completed 3:45

Drilled by Don Campbell

Mfg. Des. Drill Acker Ace

Inspected by: PLB

Depth 1" = 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	2	SOFT	
	3		
	2		
	5	MED. STIFF	Rods were clean upon completion
5'	6		
	18	VERY STIFF	
	21		
	18		
	21		
10'	19		
	33	HARD	
	26	VERY STIFF	
	29		
	43	HARD	
15'	30	VERY STIFF	
	54	VERY HARD	
	Refusal 50 blows/0" (Bouncing) at -36.0 ft		

GENERAL REMARKS

9-23-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor Page 1 of 1 Pages

Probe No. H-20 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +6.0' of Water Surface M.L.W.

Elevation Top of Probe -25.0' M.L.W.

Elevation Top of Refusal -39.0' M.L.W.

Elevation Bottom of Probe -39.0' M.L.W.

Total Depth of Probe 14' Feet

Hammer Wt. 300# Hammer Drop 18"

Probe Started 2:45

Probe Completed 3:15

Drilled by Don Campbell

Mfg. Des.Drill Acker Hoe

Inspected by: PLB.

Depth 1"= 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	4	SOFT	Rods were clean
	WOH		
	WOH		
	23	VERY STIFF	
5'	25		
	29		
	22		
	30		
	33	HARD	
10'	26	VERY STIFF	
	36	HARD	
	56	VERY HARD	
	98		
	91		
15'		REFUSAL 50 blows/0" at -39.0 ft.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor Page 1 of 1 Pages

Probe No. H-21 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +3.25 of Water Surface M.L.W.

Elevation Top of Probe -25.75 M.L.W.

Elevation Top of Refusal -31.75 M.L.W.

Elevation Bottom of Probe -31.75 M.L.W.

Total Depth of Probe 6' Feet

Hammer Wt. 300 Probe Started 4:40

Hammer Drop 18" Probe Completed 4:50

Drilled by P. Seymour

Mfg. Des.Drill Acker AC

Inspected by: PCB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3 hammer weight 3 4 5 50/0"	very soft Refusal 50/0" at -31.75 ft.	clean Rods & probe

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor — Page 1 of 1 Pages

Probe No. H-22 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +4.5 of Water Surface M.L.W.

Elevation Top of Probe -21.5 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.5 M.L.W.

Total Depth of Probe 19' Feet

Hammer Wt. 300 Probe Started 4:00

Hammer Drop 18" Probe Completed 4:15

Drilled by R Summers

Mfg. Des.Drill Acker Ace

Inspected by: DRB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
5	weight of hammer 2	very soft	
10	1 2 3 5	Soft to stiff	
15	12 10 13 16		
20	19 12 22	very stiff Probe ended at -40.5 ft.	Clean Rods & probe upon completion

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor — Page 1 of 1 Pages

Probe No. H-23 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +5.0 of Water Surface M.L.W.

Elevation Top of Probe -20.0 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.0 M.L.W.

Total Depth of Probe 20' Feet

Hammer Wt. 300 Probe Started 3:25

Hammer Drop 18" Probe Completed 3:50

Drilled by R Simmons

Mfg. Des. Drill Acker Ace

Inspected by: PCB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
5, 10	weight of hammer	very soft	
15	4 3 7 3 5 5 15 12	soft to med stiff	clean probe & Rods
20	13 16	Probe ended at -40 ft	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH & Me Page 1 of 1 Pages

Probe No. FA83-H-24 Desig. _____ Diam.Probe ROD AW

Coordinates: N _____ E _____

Elevation +1.25 of Water Surface M.L.W.

Elevation Top of Probe -20 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40 M.L.W.

Total Depth of Probe 20' Feet

Hammer Wt. 300# Probe Started 5:25

Hammer Drop 18" Probe Completed 5:40

Drilled by R. Simon

Mfg. Des.Drill Atlantic

Inspected by: PLB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
5	weight of hammer	very soft	
10			
15			
16	2	very soft	some veg. matter on probe
	3		
	3		
20	3		
		Bottom of Probe -40' No refusal.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH Page 1 of 1 Pages

Probe No. PP-93 H-25 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +1.5 of Water Surface M.L.W.

Elevation Top of Probe -19.0 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -41.0 M.L.W.

Total Depth of Probe 22' Feet

Hammer Wt. 300# Probe Started 5:00

Hammer Drop 18" Probe Completed 5:15

Drilled by R Sennoon

Mfg. Des.Drill Atlas Acc

Inspected by: GIB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
5, 10, 15	2 (weight of hammer)	Extremely very soft	
20, 22	2, 1, 2, 3, 3	very soft	some veg. matter on probe.
		Bottom of Probe at -41.0', No Refusal.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH PNS Page 1 of 1 Pages
Probe No. FP83 H-26 Desig. ____ Diam. Probe ROD AW
Coordinates: N ____ E ____

Elevation +3.5 of Water Surface M.L.W.
Elevation Top of Probe -17.2 M.L.W.
Elevation Top of Refusal — M.L.W.
Elevation Bottom of Probe -40.2 M.L.W.
Total Depth of Probe 23' Feet

Hammer Wt. 300# Probe Started 4:00
Hammer Drop 18" Probe Completed 4:25
Drilled by R Seymour
Mfg. Des. Drill Aiken Ace
Inspected by: PLB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	2	very soft to soft	
2	2		
3	2		
4	3		
5	2		
6	hammer weight		
7			
8			
9	3		
10	4		
11	7		
12	5		
13	5		
14	5		
15	14	med. stiff stiff to Hard	Clean probe & Rods
16	12		
17	15		
18	23		
19	41		
20	45		
21	35		
22	38		
23	27		
		Bottom of Probe -40.2, No Refusal	

GENERAL REMARKS

9-22-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor NH Page 1 of 1 Pages

Probe No. FP-83-H-27 Desig. _____ Diam.Probe ROD AW

Coordinates: N _____ E _____

Elevation +1.5' of Water Surface M.L.W.

Elevation Top of Probe -16.5' M.L.W.

Elevation Top of Refusal -39.0' M.L.W.

Elevation Bottom of Probe -39.0 M.L.W.

Total Depth of Probe 22.5' Feet

Hammer Wt. 300# Probe Started 5:10

Hammer Drop 18" Probe Completed 5:25

Drilled by Don Campbell

Mfg. Des.Drill Acker ACE

Inspected by: Peter Zabbarski

Depth 1"= 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH	SOFT	OBSERVED ON RODS: GREY SILT, LITTLE CLAY, SOME BROKEN SHELLS.
	WOH		
	WOH		
	WOH		
5'	WOH		
	WOH		
	WOH		
	WOH		
	WOH		
10'	1		
	2		
	1		
	1		
	2		
15'	6	MED. STIFF	
	6		
	11	STIFF	
	7	MED. STIFF	
	8	STIFF	
20'	10		
	15		
	20	VERY STIFF	
	26		
25'		REFUSAL @ -39.0' 50 BLOWS/0" PENETRATION (300#)	

GENERAL REMARKS

9-22-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH Page 1 of 1 Pages

Probe No. FA-B3 H-28 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +2.5' of Water Surface M.L.W.

Elevation Top of Probe -15.5' M.L.W.

Elevation Top of Refusal -30.5' M.L.W.

Elevation Bottom of Probe -30.5' M.L.W.

Total Depth of Probe 15' Feet

Hammer Wt. 300# Probe Started 4:30

Hammer Drop 18" Probe Completed 4:55

Drilled by Don Campbell

Mfg. Des.Drill Acker Ace

Inspected by: Peter Bellonti

Depth 1" = 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	4	MED. STIFF	OBSERVED ON RODS: CLAY, SOME BROKEN SHELLS, TRACE OF FINE SAND.
	4		
	5		
	7		
5'	10	STIFF	
	15		
	14		
	12		
	7	MED. STIFF	
	11	STIFF	
10'	7	MED. STIFF	
	7		
	11	STIFF	
	11		
15'	14		
		REFUSAL 50 blows PER 0" at -30.5'	

GENERAL REMARKS

9-22-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor NH-PNE Page 1 of 1 Pages

Probe No. FA-83 H-29 Desig. _____ Diam.Probe ROD Aw

Coordinates: N _____ E _____

Elevation +2.7 of Water Surface M.L.W.

Elevation Top of Probe -14.3' M.L.W.

Elevation Top of Refusal -34.9' M.L.W.

Elevation Bottom of Probe -34.9' M.L.W.

Total Depth of Probe 20.6' Feet

Hammer Wt. 300# Probe Started 3:45

Hammer Drop 18" Probe Completed 4:15

Drilled by Don Campbell

Mfg. Des.Drill Acker ACE

Inspected by: Peter Bellantoni

Depth 1"= 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH	SOFT	
	WOH		
	WOH		
	7	MED STIFF	
5'	1	SOFT	RODS WERE CLEAN
	2		
	2		
	17	VERY STIFF	
	22		
10'	45	HARD	
	33		
	21	VERY STIFF	
	19		
	20		
15'	34	HARD	
	33		
	31	VERY STIFF	
	28		
	32	HARD	
20'	30	VERY HARD	
	100		
		REFUSAL 50 blows PER 0" at -34.9'	

GENERAL REMARKS

22-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
H-30
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-H-30 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +7.0 of Water Surface M.L.W.

Elevation Top of Probe -7.0 M.L.W.

Elevation Top of Refusal -13.0 M.L.W.

Elevation Bottom of Probe -13.0 M.L.W.

Total Depth of Probe 6' Feet

Hammer Wt. 300# Probe Started 5:10

Hammer Drop 18" Probe Completed 5:20

Drilled by Rlymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	2 3	V SOFT	
	1 5		
	10 11	STIFF	
	50/0"	Refusal 50/0" at -13.0 ft	Clean probe & Rod, possible boulder

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE H-31

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-H-31 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 17.5 of Water Surface M.L.W.

Elevation Top of Probe -3.5 M.L.W.

Elevation Top of Refusal -12.5 M.L.W.

Elevation Bottom of Probe -12.5 M.L.W.

Total Depth of Probe 9' Feet

Hammer Wt. 300# Probe Started 4:50

Hammer Drop 18" Probe Completed 5:00

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3 2		
	2 1		
5	3 5		
	6 13		
10	14 50/0"	Refusal 50/0" at -12.5 ft.	possible boulder clean Rods & probe

GENERAL REMARKS

10-3-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83- Desig. H-52 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +7.25' of Water Surface M.L.W.

Elevation Top of Probe -3.75' M.L.W.

Elevation Top of Refusal -11.75' M.L.W.

Elevation Bottom of Probe -11.75' M.L.W.

Total Depth of Probe 8' Feet

Hammer Wt. 300# Probe Started 10:35

Hammer Drop 18" Probe Completed 10:45

Drilled by Dan Campbell

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"= 2'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1	SOFT	
	3		
2'	4	STIFF	
	10		
4'	21	VERY STIFF	
	27		
6'	29		
	30		
8'		Bouncing Refusal 50 blows/0" @ -11.75 FEET	observed on O.E. GREEN. SILT, SOME FINE SAND.

GENERAL REMARKS

10/3/83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
433
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-433 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +7.5 of Water Surface M.L.W.

Elevation Top of Probe -20 M.L.W.

Elevation Top of Refusal -11.0 M.L.W.

Elevation Bottom of Probe -11.0 M.L.W.

Total Depth of Probe 9' Feet

Hammer Wt. 300# Probe Started 10.3

Hammer Drop 18" Probe Completed 10.4.83

Drilled by [illegible]

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1 1 2 1	V SOFT	
5	3 5 11 17 22	STIFF TO V STIFF HARD	
10	50/0"	Refusal 50/0" at -11.0G "borderline Refusal	Clean probe & Rods * possible boulder

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. A-34 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation 1.50 of Water Surface M.L.W.

Elevation Top of Probe 2.50 M.L.W.

Elevation Top of Refusal 21.0 M.L.W.

Elevation Bottom of Probe 21.0 M.L.W.

Total Depth of Probe 18.50 Feet

Hammer Wt. ___ Hammer Drop _____

Probe Started 10:45

Probe Completed 11:00

Drilled by Wasselmann

Mfg. Des. Drill _____

Inspected by: Scott S.

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	7 7 12 12 12	Soft to me	
	16 36 63	Medio Hard	
	14 18 21		
	33 26 33	Hard	
	42		
	21 27 31	Hard	
	55/1"	Bouncing	
	50/0 Bouncing	Refusal at 21.0	Clean Probe Rods
		50/0 Bouncing	

GENERAL REMARKS

9/28

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION H-35

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. H-35 FP-83- Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 3.75 of Water Surface M.L.W.

Elevation Top of Probe 0.25 M.L.W.

Elevation Top of Refusal -24.75 M.L.W.

Elevation Bottom of Probe -24.75 M.L.W.

Total Depth of Probe -24.50 Feet

Hammer Wt. 300# Probe Started 12.50

Hammer Drop 18" Probe Completed 1.10

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1	very SOFT	
	1		
	3		
	5	SOFT TO	
	6		
	7	STIFF	
	9		
	10		
	9		
	14	STIFF	
	13		
	11		
	12	STIFF TO	
	14		
	15	very STIFF	
	15		
	18		
	24	very STIFF	
	28		
	31	TO HARD	
	31		
	32		
	45		Some Sand
	48	HARD	
	47 - 6"		silt clay
	50/	Refusal AT	
		-24.75 ft 50/0"	

GENERAL REMARKS

9/28.

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
H-36
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages
Probe No. FP-83- H-36 Desig. _____ Diam. Probe ROD AW-1 3/4"D
Coordinates: N _____ E _____

Elevation +3.75 of Water Surface M.L.W.
Elevation Top of Probe -0.25 M.L.W.
Elevation Top of Refusal -25.25 M.L.W.
Elevation Bottom of Probe -25.25 M.L.W.
Total Depth of Probe 25' Feet

Hammer Wt. 300# Probe Started 12:55
Hammer Drop 18" Probe Completed 1:20
Drilled by R. Seymour
Mfg. Des. Drill ACKER ACE
Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1, 1, 3, 3, 5, 7, 6, 5	V SOFT	
5		SOFT to MED. STIFF	
10	4, 5, 7, 6, 4, 4	~~SO~~ MED. STIFF to STIFF	
15	4, 11, 12, 25	V. STIFF	
20	27, 16, 22, 29, 25, 23		
25	33, 50/0"	HARD Refusal 50/0" at -25.25 ft	Clean probe rods

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
H-37
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages
Probe No. FP-83-H37 Desig. _____ Diam. Probe ROD AW-1 3/4"D
Coordinates: N _____ E _____

Elevation +5.5 of Water Surface M.L.W.
Elevation Top of Probe -0.5 M.L.W.
Elevation Top of Refusal -35.5 M.L.W.
Elevation Bottom of Probe -35.5 M.L.W.
Total Depth of Probe 35' Feet

Hammer Wt. 300# Probe Started 1:35
Hammer Drop 18" Probe Completed 2:00
Drilled by P Sennoran
Mfg. Des. Drill ACKER ACE
Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1, 1, 3, 6, 8, 11, 16, 8, 11, 14, 11, 12, 8, 10, 12, 11, 11, 9, 12, 16, 10, 10, 14, 15, 12, 10, 8, 8, 9, 11, 20, 36, 43, 47, 36, 50/04	V SOFT MED STIFF to STIFF MED STIFF to STIFF V STIFF HARD 50/0" Refusal at -35.5 ft.	Some silt & SAND ON Rods & probe upon Completion

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NHEMG Page 1 of 1 Pages

Probe No. H-38 Desig. _____ Diam. Probe ROD AW

Coordinates: N _____ E _____

Elevation +6.5 of Water Surface M.L.W.

Elevation Top of Probe -5.5 M.L.W.

Elevation Top of Refusal -33.5 M.L.W.

Elevation Bottom of Probe -33.5 M.L.W.

Total Depth of Probe 28 Feet

Hammer Wt. 300 Hammer Drop 18

Probe Started 2:00 Probe Completed 3:00

Drilled by R. Seymour

Mfg. Des. Drill Acker Ace

Inspected by: HB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1, 1, 4	VERY SOFT	
5	4, 12, 17, 25, 26, 25, 23, 26, 25, 27, 28, 26, 28, 27, 21, 26, 27, 26, 25, 14, 21, 23, 28	MED STIFF to HARD	
	45, 61	VERY HARD	
30	50/0"	REFUSAL 50 blows/0" at -33.5	

GENERAL REMARKS

9/28.

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION A-39

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-17-39 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 5.50 of Water Surface M.L.W.

Elevation Top of Probe .50 M.L.W.

Elevation Top of Refusal -23.50 M.L.W.

Elevation Bottom of Probe -23.50 M.L.W.

Total Depth of Probe -28.50 Feet

Hammer Wt. 300# Probe Started _____

Hammer Drop 18" Probe Completed _____

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1	very soft to mod.	
	2		
	9		
	21		
	22	very stiff	
	22		
	24		
	25		
	25		
	25	very stiff	
	26		
	26		
	29		
	30		
	31		
	32	very stiff to hard	
	37		
	41		
	47		
	48		some sand silt + some clay
	37		
	32	Hard	
	30		
	27		
	27	Hard	
	29		
	32		
	50/c	Refusal at -28.5 ft	

GENERAL REMARKS

9/28

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION H-40

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83- H-40 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 6.50 of Water Surface M.L.W.

Elevation Top of Probe -2.50 M.L.W.

Elevation Top of Refusal -23.00 M.L.W.

Elevation Bottom of Probe -23.00 M.L.W.

Total Depth of Probe 20.50 Feet

Hammer Wt. 300# Probe Started 8:00

Hammer Drop 18" Probe Completed 8:30

Drilled by Hasselbrook

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
3'	WOH	VERY SOFT	
	7		
	17	STIFF TO VERY	
	39		
	22	STIFF	
	30		
	37		
	30		
	37	SAND	
	40		
	39		
	49		
	45		
	38	HARD	
	[illegible]		SOME SAND
	39		
	[illegible]	HARD	SILT-CLAY
	50/[illegible]		
		REFUSAL AT	
		-23.00 FT.	
		50/[illegible]	

GENERAL REMARKS

9-21-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NHPME Page 1 of 2 Pages

Probe No. FP-83-H-41 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +6.5' of Water Surface M.L.W.

Elevation Top of Probe -4.5' M.L.W.

Elevation Top of Refusal —— M.L.W.

Elevation Bottom of Probe -40.5 M.L.W.

Total Depth of Probe 36' Feet

Hammer Wt. 300# Hammer Drop 18" Probe Started 2:00 Probe Completed 2:45

Drilled by DON CAMPBELL

Mfg. Des.Drill ACKER ACE

Inspected by: PCB

Depth 1" = 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH	SOFT	OBSERVED GREY COLORED CLAY, SOME BROKEN SHELLS. LITTLE FINE TO MED. SAND, ON RODS.
	WOH		
	1		
	1		
	1		
5'	7	MED. STIFF	
	9	STIFF	
	13		
	15	VERY STIFF	
10'	16		
	25		
	23		
	23		
	21		
15'	17		
	20		
	16		
	14	STIFF	
	16	VERY STIFF	
20'	15		
	15		
	17		
	17		
	16		
25'	14	STIFF	
	13		
	13		
	14		
	17	VERY STIFF	
30'	25		

GENERAL REMARKS

9-21-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH&ME Page 2 of 2 Pages

Probe No. PP-83 11-41 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +6.5' of Water Surface M.L.W.

Elevation Top of Probe -4.5' M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.5' M.L.W.

Total Depth of Probe 36' Feet

Hammer Wt. 300# Hammer Drop 18" Probe Started 2:00 Probe Completed 2:45

Drilled by Don Campbell

Mfg. Des. Drill Acker Ace

Inspected by: RB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	38	HARD	
	25		
	23	VERY STIFF	
	29		
35'	26		
	34	HARD	
		Bottom of Probe -40.5' No Refusal	

GENERAL REMARKS

9-23-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor — Page 1 of 1 Pages

Probe No. I-18 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +3.25 of Water Surface M.L.W.

Elevation Top of Probe -11.75 M.L.W.

Elevation Top of Refusal -24.75 M.L.W.

Elevation Bottom of Probe -24.75 M.L.W.

Total Depth of Probe 13' Feet

Hammer Wt. 300# Hammer Drop 18"

Probe Started 4:30 Probe Completed 4:50

Drilled by Don Campbell

Mfg. Des. Drill Acker ACE

Inspected by: PLB

Depth 1" = 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1	SOFT	observed on Rods: Greenish Grey silt, little clay, Trace of Fine sand.
	7		
	7	MED. STIFF	
	7		
5'	8	STIFF	
	9		
	43	HARD	
	27	VERY STIFF	
	33	HARD	
10'	45		
	46		
	55	VERY HARD	
13'	45	HARD	
		Refusal 50/0" "Bouncing" at a depth of -24.75 ft.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor Page 1 of 1 Pages

Probe No. T-19 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +2.25 of Water Surface M.L.W.

Elevation Top of Probe -10.75 M.L.W.

Elevation Top of Refusal -24.25 M.L.W.

Elevation Bottom of Probe -24.25 M.L.W.

Total Depth of Probe 13.5 Feet

Hammer Wt. 300# Probe Started 5:05

Hammer Drop 18" Probe Completed 5:25

Drilled by Don Campbell

Mfg. Des.Drill Acker Ace.

Inspected by: PLB

Depth 1"= 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1	SOFT	observed on Rods:
	WOH		
	WOH		
	2		
5'	9	STIFF	Grey silt, little fine sand, little clay.
	6	MED. STIFF	
	9	STIFF	
	10		
	15		
10'	14		
	30	VERY STIFF	
	90	VERY HARD	
	91		
13.5'	47		
		Refusal: 50. blows Per 0" at -24.25 ft.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Bristol Harbor Page 1 of 11 Pages

Probe No. I-20 Desig. _____ Diam.Probe ROD AW

Coordinates: N _____ E _____

Elevation +1.75 of Water Surface M.L.W.

Elevation Top of Probe -13.75 M.L.W.

Elevation Top of Refusal -23.75 M.L.W.

Elevation Bottom of Probe -23.75 M.L.W.

Total Depth of Probe -10 Feet

Hammer Wt. 300 Probe Started _____

Hammer Drop 18" Probe Completed _____

Drilled by R Seymour

Mfg. Des.Drill Acker Ace

Inspected by: PLB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1 3 5	very soft to soft	
5	12 10 14	stiff to very stiff	
	20 17 15		some sand & silt on probe & rods
10	50 27	Refusal 50/0" at -23.75 ft.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor Page 1 of 1 Pages

Probe No. I-71 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation + 2.75 of Water Surface M.L.W.

Elevation Top of Probe - 17.25 M.L.W.

Elevation Top of Refusal - 26.25 M.L.W.

Elevation Bottom of Probe - 26.25 M.L.W.

Total Depth of Probe 9' Feet

Hammer Wt. 300 Probe Started 9/55 ~~5:05~~

Hammer Drop 18" Probe Completed 5:05

Drilled by R. Lupour

Mfg. Des.Drill Acker Ace

Inspected by: PIB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3 3	very soft	
	4 9	stiff to	
	15 19	very stiff	
	27 25		
10	26 50/0"	Refusal 50/0" at -26.25 ft.	Clean probe & rods

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor — Page 1 of 1 Pages

Probe No. I-22 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +7 of Water Surface M.L.W.

Elevation Top of Probe -14 M.L.W.

Elevation Top of Refusal -26 M.L.W.

Elevation Bottom of Probe -26 M.L.W.

Total Depth of Probe 12' Feet

Hammer Wt. 300 Probe Started 2:30

Hammer Drop 18 Probe Completed 2:40

Drilled by R Sermon

Mfg. Des. Drill Acker Ace

Inspected by: PRL

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3 hammer light	very soft	
5	4	soft to med stiff	
	5		
	12	med. stiff to hard	
	8		
10	9		
	17		Clean Rods & probe
	29		
13	50/0"	Refusal 50/0" at -26 ft.	
15			

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor — Page 1 of 1 Pages

Probe No. I:23 Desig. ____ Diam. Probe ROD Ave

Coordinates: N ____ E ____

Elevation +6.25 of Water Surface M.L.W.

Elevation Top of Probe -16.5 M.L.W.

Elevation Top of Refusal -33.5 M.L.W.

Elevation Bottom of Probe -33.5 M.L.W.

Total Depth of Probe 17' Feet

Hammer Wt. 300# Probe Started 3:00

Hammer Drop 18" Probe Completed 3:20

Drilled by R Sennom

Mfg. Des. Drill Acker Ace

Inspected by: PLB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	hammer washed	very soft	
5	3 4	Soft to stiff	
	4 5		
	6		
10	11 16		
	17 10		
15	25 23		
	26 27		
20	50/0"	Refusal 50/0" at -33.5 ft.	Clean probe & rods upon completion

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor NH/Me Page 1 of 1 Pages

Probe No. FP-B3-I-25 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +7.75 of Water Surface M.L.W.

Elevation Top of Probe -13.3 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.3 M.L.W.

Total Depth of Probe 27' Feet

Hammer Wt. 300# Probe Started 1:10

Hammer Drop 18" Probe Completed 1:40

Drilled by R Seymour

Mfg. Des. Drill Arkon Aco

Inspected by: PLR

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	3 weight of hammer		
2	3		
	3	Very soft to soft	
	3		
5	4		
	3		
	3		
	4		
	5		
10	5		
	15	stiff to med hard	
	14		
	20		
	26		
15	39		
	47		
	49		
	63		
	61		
20	68	Hard to very Hard	
	73		
	63		
	62		
	53		
25	63		Clean Rods & Probe upon completion
	61		
27	63		
		Bottom of Probe -40.3' No Refusal.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH&ME Page 1 of 1 Pages

Probe No. FP-83-I-26 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +7.0 of Water Surface M.L.W.

Elevation Top of Probe -9.5 M.L.W.

Elevation Top of Refusal -31.5 M.L.W.

Elevation Bottom of Probe -31.5 M.L.W.

Total Depth of Probe 22' Feet

Hammer Wt. 300# Probe Started 2:15

Hammer Drop 18" Probe Completed 2:30

Drilled by R Semrod

Mfg. Des. Drill Acker ACQ

Inspected by: PLB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	weight hammer		
3		very soft	
	3		
5	3		
	3		
	1		
	2		
	2		
10	2		
	2		
	1		
	2	very soft to soft	
	3		
15	6		some silt and sand on probe
16	7	stiff	
17	19		
	36	hard	
	52		
20	63		
	71		
	73		
23	50/0"	refusal 50/0" at -31.5'	

GENERAL REMARKS

9-22-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH ERCE Page 1 of 1 Pages

Probe No. FP 83-I-27 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +7.5' of Water Surface M.L.W.

Elevation Top of Probe -12.5' M.L.W.

Elevation Top of Refusal -34.0' M.L.W.

Elevation Bottom of Probe -34.0' M.L.W.

Total Depth of Probe 21.5' Feet

Hammer Wt. 300# Probe Started 1:20

Hammer Drop 18" Probe Completed 1:45

Drilled by DON CAMPBELL

Mfg. Des.Drill ACKER ACE

Inspected by: Ruth Z Rabbowski

Depth 1"= 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH		
	WOH		
	WOH		
	WOH		
5'	WOH		
	WOH		
	1		GREY SILT, SOME BROKEN SHELLS, LITTLE CLAY. OBSERVED ON RODS UPON COMPLETION
	2	SOFT	
	WOH		
10'	WOH		
	WOH		
	WOH		
	1		
	1		
15'	2		
	1		
	3		
	8	STIFF	
	13		
20'	22	VERY STIFF	
	8	STIFF	
	24	VERY STIFF	
		Refusal -34.0', 50 blows/0" pen.	
25'			

GENERAL REMARKS

9-22-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH & Me Page 1 of 1 Pages

Probe No. FY83-I-28 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +7.0' of Water Surface M.L.W.

Elevation Top of Probe -14.0' M.L.W.

Elevation Top of Refusal -31.5' M.L.W.

Elevation Bottom of Probe -31.5' M.L.W.

Total Depth of Probe 17.5' Feet

Hammer Wt. 300# Probe Started 2:15

Hammer Drop 18" Probe Completed 2:35

Drilled by Don Campbell

Mfg. Des.Drill Acker Rel

Inspected by: [illegible]

Depth 1"= 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH		
	1	SOFT	
	1		
	WOH		
5'	2		RODS WERE CLEAN
	5	MED. STIFF	
	8	STIFF	
	6	MED. STIFF	
	8	STIFF	
10'	9		
	6	MED. STIFF	
	5		
	10	STIFF	
	12		
15'	13		
	17	VERY STIFF	
	18		
17.5'	15	STIFF	
		Refusal 50 blows Per 0" at -31.5'	

GENERAL REMARKS

9-22-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH Page 1 of 1 Pages

Probe No. FR-83 I-29 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +5.5' of Water Surface M.L.W.

Elevation Top of Probe -12.5' M.L.W.

Elevation Top of Refusal -26.5' M.L.W.

Elevation Bottom of Probe -26.5' M.L.W.

Total Depth of Probe 14' Feet

Hammer Wt. 300# Hammer Drop 18

Probe Started 3:43

Probe Completed 3:45

Drilled by Don Campbell

Mfg. Des. Drill Acker Ace

Inspected by: Peter T. Bickford

Depth 1" = 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH		
	WOH	SOFT	
	1		RODS WERE CLEAN
	1		
5'	4	MED. STIFF	
	4		
	4		
	3	SOFT	
	10	STIFF	
10'	6	MED. STIFF	
	16	VERY STIFF	
	22		
	46	HARD	
	53	VERY HARD	
15'		REFUSAL 50 blows/0" at -26.5' MLW.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION 1-30

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-1-30 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 7.25 of Water Surface M.L.W.

Elevation Top of Probe -4.75 M.L.W.

Elevation Top of Refusal -25.85 M.L.W.

Elevation Bottom of Probe -25.25 M.L.W.

Total Depth of Probe 20.50 Feet

Hammer Wt. 300# Probe Started 5:05

Hammer Drop 18" Probe Completed 5:15

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH	very SOFT	
	4'		
	1	very SOFT	
	1		
	3		
	5		
	5		
	4	SOFT to very STIFF	
	5		
	13		
	12		
	17		
	24	very STIFF	
	30		
	23		
	24		
	19		
	52	HARD	
	37.050		
	50/0	Bouncing Refusal At -25.25 50/0" Pen	some SILT + CLAY

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE I-31

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-I-31 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +8.0 of Water Surface M.L.W.

Elevation Top of Probe -1.5 M.L.W.

Elevation Top of Refusal -21.5 M.L.W.

Elevation Bottom of Probe -21.5 M.L.W.

Total Depth of Probe 20' Feet

Hammer Wt. 300# Probe Started 4/25

Hammer Drop 18" Probe Completed 4/25

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1, 2, 2, 3, 11, 21, 16, 11, 12, 26, 47, 50/0"	VERY SOFT	
5		STIFF to V. STIFF	
10			
15		STIFF to HARD	
20		Refusal at -21.5 ft 50/0"	Some silt on probe and rods

GENERAL REMARKS

10-3-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83- Desig. I-32 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +8' of Water Surface M.L.W.

Elevation Top of Probe -3' M.L.W.

Elevation Top of Refusal -23' M.L.W.

Elevation Bottom of Probe -23' M.L.W.

Total Depth of Probe 20' Feet

Hammer Wt. 300# Probe Started 9:10

Hammer Drop 18" Probe Completed 9:25

Drilled by Don Campbell

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"= 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH		
	WOH	SOFT	
	3		
	5	MED. STIFF	
5'	9		
	12		
	10	STIFF	RODS WERE CLEAN
	10		
	12		
10'	11		
	6	MED. STIFF	
	9	STIFF	
	31	HARD	
	21	VERY STIFF	
15'	26		
	33	HARD	
	29	VERY STIFF	
	80		
	57	VERY HARD	
20'	75		
		REFUSAL 50/0" @ -23 FEET	

GENERAL REMARKS

10/3/83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
I-33

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H. & ME Page 1 of 1 Pages

Probe No. FP-83- I-33 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +8.0 of Water Surface M.L.W.

Elevation Top of Probe -3.0 M.L.W.

Elevation Top of Refusal -15.5 M.L.W.

Elevation Bottom of Probe -15.5 M.L.W.

Total Depth of Probe 12.5 Feet

Hammer Wt. 300# Probe Started 9.10

Hammer Drop 18" Probe Completed 9.25

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	5 7 4 6	MED STIFF	
5	7 11 33 22	STIFF	
	17 40	V STIFF to HARD	
10	54 61 50/0"	Refusal 50/0" at -15.5 ft.	Some silt on bars
15			

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. I-34 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation 2.75 of Water Surface M.L.W.

Elevation Top of Probe 1.25 M.L.W.

Elevation Top of Refusal 24.50 M.L.W.

Elevation Bottom of Probe 24.50 M.L.W.

Total Depth of Probe 23.0 Feet

Hammer Wt. ___ Hammer Drop _____

Probe Started 11:20

Probe Completed 11:45

Drilled by Hasselmann

Mfg. Des. Drill _____

Inspected by: Scott S.

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3	SOFT to med	
	4		
	3		
	2		
	12		
	17	STIFF	
	15		
	14		
	21		
	16	very STIFF	
	25		
	15		
	40		
	26	very STIFF to	
	27		
	33	HARD	
	42		
	36	HARD	
	30		
	50/0	Bouncing Refusal AT	Clean Probe
	Boulder?	24.50 50/0"	Rock
		Boulder ?	

GENERAL REMARKS

9/28

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-1-35 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 8.0 of Water Surface M.L.W.

Elevation Top of Probe .0 M.L.W.

Elevation Top of Refusal -17.00 M.L.W.

Elevation Bottom of Probe -17.00 M.L.W.

Total Depth of Probe -17.00 Feet

Hammer Wt. 300# Probe Started 4:10

Hammer Drop 18" Probe Completed 4:25

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1 3 5 5 6 8 9 11 16 23 29 50 50 27 40 45 50/0"	SOFT Clay SOFT to SOFT STIFF STIFF TO HARD HARD Refusal AT -17.00 ft. 50/0"	some sand silt + clay

GENERAL REMARKS

9/28

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
I-36
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. I-36 FP-83- Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +6.0 of Water Surface M.L.W.

Elevation Top of Probe +.5 M.L.W.

Elevation Top of Refusal -5.5 M.L.W.

Elevation Bottom of Probe -5.5 M.L.W.

Total Depth of Probe 6' Feet

Hammer Wt. 300# Probe Started 4:20

Hammer Drop 18" Probe Completed 4:30

Drilled by R Supra

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1 5 8 10 12 18 50/0"	V SOFT STIFF HARD Refusal 50/0" at -5.5 FT.	Clean probe & Rock

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor, NH & Me Page 1 of 1 Pages

Probe No. FR83-I-38 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +7.1 of Water Surface M.L.W.

Elevation Top of Probe -1 M.L.W.

Elevation Top of Refusal -22 M.L.W.

Elevation Bottom of Probe -22 M.L.W.

Total Depth of Probe 21' Feet

Hammer Wt. 300 Probe Started 12:40

Hammer Drop 18" Probe Completed 1:05

Drilled by R Seymour

Mfg. Des. Drill Arkes Ace

Inspected by: PLR

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	hammer weight	soft to Med stiff	
5	9 11		
	20 30 36	Med. Stiff to hard	
10	39 42 53 45		
15	39 37 34 41 45	Hard	fine silt and sand on probe & rods
20	62 76 96		
21	50/0"	Refusal 50 blows/0" at -22.0' MLW	

GENERAL REMARKS

9/28

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
I-39
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83- I-39 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +7.5 of Water Surface M.L.W.

Elevation Top of Probe 0' M.L.W.

Elevation Top of Refusal -23.0 M.L.W.

Elevation Bottom of Probe -23.0 M.L.W.

Total Depth of Probe 23' Feet

Hammer Wt. 300# Probe Started 3:20

Hammer Drop 18" Probe Completed 3:45

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1 1	V SOFT	
5	2 7 9	STIFF to V. STIFF	
	16 12		
10	19 21		
	26 18		
	19 21		alt & organic material on probe and rods
15	29 36		
	32 24		
20	22 33	HARD	
	39 63		
24	75 50/0"	Refusal 50/0" at -23.0 ft.	

GENERAL REMARKS

9/28

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-140 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +7.25 of Water Surface M.L.W.

Elevation Top of Probe +0.75 M.L.W.

Elevation Top of Refusal -30.75 M.L.W.

Elevation Bottom of Probe -30.75 M.L.W.

Total Depth of Probe -31.50 Feet

Hammer Wt. 300# Probe Started 3:00

Hammer Drop 18" Probe Completed 3:25

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
5'	4 CH	VERY SOFT TO SOFT	
	2		
	2		
	4		
	12	STIFF TO HARD	
	12		
	22		
	35		
	10	HARD TO STIFF	
	21		
	14		
	12		
	16		
	51	VERY STIFF TO HARD	
	20		
	30		
	76		
	31	HARD TO VERY STIFF	
	31		
	31		
	33		
	31	VERY STIFF TO STIFF	
	65		
	13		
	9		
	9		
	34		
	71-3"	VERY STIFF TO HARD	
	50/3"		
		REFUSAL AT 30.75 ft. 50/3"	SOME SAND SILT + CLAY

GENERAL REMARKS

9-21-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor — Page 1 of 2 Pages

Probe No. FY83 J-41 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +7.1 of Water Surface M.L.W.

Elevation Top of Probe -7.9' M.L.W.

Elevation Top of Refusal —— M.L.W.

Elevation Bottom of Probe -40.9' M.L.W.

Total Depth of Probe 33' Feet

Hammer Wt. 300# Hammer Drop 18"

Probe Started 12:40 Probe Completed 1:10

Drilled by DON CAMPBELL

Mfg. Des. Drill ACKER ACE

Inspected by: Peter J. Schlenker

Depth 1" = 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH	SOFT	OBSERVED GREY COLORED CLAY, SOME BROKEN SHELLS, LITTLE FINE SAND, ON RODS
	WOH		
	WOH		
	2		
5'	6	MED. STIFF	
	11	STIFF	
	13		
	22	VERY STIFF	
	21		
10'	17		
	19		
	23		
	24		
	25		
15'	26		
	23		
	22		
	21		
	22		
20'	18		
	20		
	24		
	21		
	19		
25'	23		
	25		
	20		
	18		
	19		
30'	16		

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Water MA-NH FP83- Page 2 of 2 Pages

Probe No. I41 Desig. ____ Diam.Probe ROD Aw

Coordinates: N ____ E ____

Elevation +7.1 of Water Surface M.L.W.

Elevation Top of Probe -7.9' M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.9 M.L.W.

Total Depth of Probe 33' Feet

Hammer Wt. 300 Probe Started 12:40

Hammer Drop 18" Probe Completed 1:10

Drilled by Don Campbell

Mfg. Des.Drill Acker Aze

Inspected by: Peter L. Sutherland

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	17		
	23	very stiff	
35'	27		
		Bottom of Probe -40.9', No Refusal.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-5-90 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 8' of Water Surface M.L.W.

Elevation Top of Probe 12' M.L.W.

Elevation Top of Refusal -28.00 M.L.W.

Elevation Bottom of Probe -28.00 M.L.W.

Total Depth of Probe -16.00 Feet

Hammer Wt. 300# Hammer Drop 18"

Probe Started 2:30 Probe Completed 2:45

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1	very soft to soft	
	1		
	1		
	2		
	3		
	6	med to very stiff	
	7		
	12		
	22		
	20		
	18	very stiff to hard	
	20		
	22		
	27		
	38		
	55	hard	
	50/0	Refusal at -28.00	
		50/0"	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-J-21 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 7.75 of Water Surface M.L.W.

Elevation Top of Probe -19.75 M.L.W.

Elevation Top of Refusal 27.75 M.L.W.

Elevation Bottom of Probe 27.75 M.L.W.

Total Depth of Probe 15.50 Feet

Hammer Wt. 300# Probe Started 1150

Hammer Drop 18" Probe Completed 2:10

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH	very SOFT ~~[illegible]~~	CLEAN PROBE RODS
2		very SOFT TO STIFF ~~[illegible]~~	
6			
8			
10		~~[illegible]~~	
13			
17			
15		very STIFF TO	
17		HARD	
23			
35			
37.6"		HARD	
50/0		REFUSAL AT -27.75	
		50/0"	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-J-27 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 7' of Water Surface M.L.W.

Elevation Top of Probe -25' M.L.W.

Elevation Top of Refusal ~~[illegible]~~ M.L.W.

Elevation Bottom of Probe -40.00 M.L.W.

Total Depth of Probe 15' Feet

Hammer Wt. 300# Probe Started 1:20

Hammer Drop 18" Probe Completed 1:30

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
3'	WOH	very Loose	Clean Probe Rods
3'	WOH	very Loose	
3'	7	so FT	
5'	7 8 12 15	Med to STIFF	
3'	16 25	very STIFF	
		Probe ended at -40.0 FT.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-23 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 6.25 of Water Surface M.L.W.

Elevation Top of Probe 9.75 M.L.W.

Elevation Top of Refusal -36.75 M.L.W.

Elevation Bottom of Probe -36.75 M.L.W.

Total Depth of Probe 27 Feet

Hammer Wt. 300# Probe Started 12:20

Hammer Drop 18" Probe Completed 12:55

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
15	WOH		
20	3 3 5 4 3	SOFT	
25	6 10 18 22 21	med TO very STIFF	Clean Probe Rods
30	16 25 37 35 27	very STIFF	
	27 35 40 43 47	very STIFF TO HARD	
	45 67 50/0"	HARD	
		REFUSAL AT 27' 50/0" -36.75	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
J.24
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83- J.24 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +6.0 of Water Surface M.L.W.

Elevation Top of Probe -15.0 M.L.W.

Elevation Top of Refusal -38.0 M.L.W.

Elevation Bottom of Probe -38.0 M.L.W.

Total Depth of Probe 23' Feet

Hammer Wt. 300# Probe Started 12:25

Hammer Drop 18" Probe Completed 12:50

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	2 2	V. SOFT	
	5 2		
5	6 12	MED STIFF to STIFF	
	19 20		
10	16 18	VERY STIFF	
	30 28	to	
	39 39	HARD	
15	51 68		
	68 58		
20	63 68		
	71 79		
	78		
25	50/0"	Refusal 50/0" at -38.0 FT	Some silt & sands on probe

GENERAL REMARKS

9-23-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor Page 1 of 1 Pages

Probe No. I-25 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +7.5 of Water Surface M.L.W.

Elevation Top of Probe -9.5' M.L.W.

Elevation Top of Refusal -32.5 M.L.W.

Elevation Bottom of Probe -32.5' M.L.W.

Total Depth of Probe 23' Feet

Hammer Wt. 300# Hammer Drop 18" Probe Started 11:50 Probe Completed 12:25

Drilled by DON CAMPBELL

Mfg. Des. Drill ACKER ACE

Inspected by: PAB.

Depth 1" = 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH	SOFT	
	WOH		
	WOH		
	4	MED. STIFF	Rods were clean upon completion
5'	WOH.	SOFT	
	1		
	1		
	3		
	4	MED. STIFF	
10'	2	SOFT	
	6	MED. STIFF	
	8	STIFF	
	5	MED. STIFF	
	7		
15'	10	STIFF	
	16	VERY STIFF	
	20		
	30		
	41	HARD	
20'	54	VERY HARD	
	50		
	56		
23'	89		
		Refusal 50 blows/0" at -32.5 ft.	

GENERAL REMARKS

9-23-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Rockport Harbor Page 1 of 1 Pages

Probe No. J-26 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +6.0 of Water Surface M.L.W.

Elevation Top of Probe -11.0' M.L.W.

Elevation Top of Refusal ____ M.L.W.

Elevation Bottom of Probe -41.0' M.L.W.

Total Depth of Probe 30' Feet

Hammer Wt. 300# Hammer Drop 18" Probe Started 11:00 Completed 11:15

Drilled by Don Campbell

Mfg. Des. Drill Acker Ace

Inspected by: ____

Depth 1"= 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1		
	1		
	1		
	2		RODS WERE CLEAN
5'	7		UPON COMPLETION
	1		
	1		
	1	SOFT	
	WOH		
10'	WOH		
	1		
	1		
	WOH		
	WOH		
15'	WOH		
	6	MED. STIFF	
	22		
	30	VERY STIFF	
	40	HARD	
20'	15	VERY STIFF	
	21		
	36	HARD	
	51		
	60	VERY HARD	
25'	64		
	56		
	78		
	60		
	54		
30'	83		Probe ended at -41.0 ft.

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor Page 1 of 1 Pages

Probe No. J-27 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation 5.5 of Water Surface M.L.W.

Elevation Top of Probe -10' M.L.W.

Elevation Top of Refusal -35 M.L.W.

Elevation Bottom of Probe -35 M.L.W.

Total Depth of Probe 25' Feet

Hammer Wt. 300 Hammer Drop 18

Probe Started 10:20 Probe Completed 10:50

Drilled by R Sawyer

Mfg. Des. Drill Acker Ace

Inspected by: DLB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	hammer wight		
5	1 2	very soft	
10	hammer wight		
	3 4	soft to med stiff	
15	5 14 15		
	17 23		
20	33 38	stiff to hard	some silt on probe
	45 50		
25	61 63 50/0"	Refusal 50/0" at -35 ft.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor — Page 1 of 1 Pages

Probe No. J-29 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +6.75 of Water Surface M.L.W.

Elevation Top of Probe -12.25 M.L.W.

Elevation Top of Refusal -26.25 M.L.W.

Elevation Bottom of Probe -26.25 M.L.W.

Total Depth of Probe 13' Feet

Hammer Wt. 300# Probe Started 11:45

Hammer Drop 18" Probe Completed 11:55

Drilled by R Sepronn

Mfg. Des. Drill Acker Ace

Inspected by: PLB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	hammer weight		
	3 2	very soft	
5	4 5		
	8 10		
10	5 6	stiff to hard	
	14 33		
15	50/0"	Refusal 50/0" at -26.25 ft	possible boulder clean probe

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION J-30

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83- J-30 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 7.75 of Water Surface M.L.W.

Elevation Top of Probe -4.25 M.L.W.

Elevation Top of Refusal -24.00 M.L.W.

Elevation Bottom of Probe -24.00 M.L.W.

Total Depth of Probe -19.75 Feet

Hammer Wt. 300# Probe Started 4:35

Hammer Drop 18" Probe Completed 4:50

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	4	medium	
	6		
	8		
	12		
	15		
	14	very STIFF	
	14		
	8		
	16		
	20		
	17	very STIFF	
	13		
	17		
	12		
	~~65~~		
	45 0.75	HARD	
	50/0	Refusal AT -24.00 ft. 50/0"	Some Fine Sand inorganic + SILT + CLAY

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
J.31
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-J.31 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +8.25 of Water Surface M.L.W.

Elevation Top of Probe -.75 M.L.W.

Elevation Top of Refusal -26.75 M.L.W.

Elevation Bottom of Probe -26.75 M.L.W.

Total Depth of Probe 26' Feet

Hammer Wt. 300# Hammer Drop 18"

Probe Started 3:45 Probe Completed 4:10

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	2 2 4 6	V SOFT	
5	10 8 10 11	STIFF to V. STIFF	
10	13 10 12 18 10 14		
15	26 16 18 26	V. STIFF to HARD	
20	22 34 42 40 27 22		
25	49 72	HARD	
27	50/0"	Refusal 50/0" at 26.75 ft.	some sand & silt on probe & Rods

GENERAL REMARKS

10-3-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83- Desig. J-32 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +7.5' of Water Surface M.L.W.

Elevation Top of Probe -1.5' M.L.W.

Elevation Top of Refusal -23' M.L.W.

Elevation Bottom of Probe -23' M.L.W.

Total Depth of Probe 21.5' Feet

Hammer Wt. 300# Probe Started 9:55

Hammer Drop 18" Probe Completed 10:20

Drilled by Dan Campbell

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"= 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	WOH	SOFT	
	10	STIFF	
	11		
	10		
5'	14		Rods were clean
	16	VERY STIFF	
	16		
	17		
	18		
10'	19		
	17		
	11	STIFF	
	16	VERY STIFF	
	10	STIFF	
15	15		
	9		
	11		
	12		
	20	VERY STIFF	
20'	27		
	24	HARD	
21.5	40/6"	VERY HARD	
		Bouncing Refusal 50 blows/0" @ -23 FEET	

GENERAL REMARKS

10/3/83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
T-33

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-T-33 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +7.75 of Water Surface M.L.W.

Elevation Top of Probe -1.25 M.L.W.

Elevation Top of Refusal -22.25 M.L.W.

Elevation Bottom of Probe -22.25 M.L.W.

Total Depth of Probe 21 Feet

Hammer Wt. 300# Probe Started 10:00

Hammer Drop 18" Probe Completed 10 15

Drilled by R. Sampson

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1 2	V SOFT	
	5 3	SOFT	
5	2 4		
	3 5	MED STIFF to	
10	7 11		
	19 17	V STIFF	
	15 23		
15	16 29		
	21 29		
	33 42	Hard	
20	37		
	50/0"	Refusal 50/0" at -22.25 ft.	some sand & silt on probe

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. J-34 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation 7.75 of Water Surface M.L.W.

Elevation Top of Probe 7.75 M.L.W.

Elevation Top of Refusal 2.75 M.L.W.

Elevation Bottom of Probe 3.25 M.L.W.

Total Depth of Probe 28.5 Feet

Hammer Wt. ___ Hammer Drop _____

Probe Started 9:35

Probe Completed 10:05

Drilled by Hasselmann

Mfg. Des. Drill _____

Inspected by: [illegible]

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	8 9 13 7 9	soft to med	
	13 22 9 16 13	very stiff	
	20 18 19 20	very stiff	
	18 19		
	24 18 14 17 18	very stiff	Clean Probe Rods
	16 18 21 24 38	very stiff to Hard	
	39 42 55 47=6	Hard	
	50/0	Refusal at 3.25 50/0	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. J-35 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation 3.75 of Water Surface M.L.W.

Elevation Top of Probe 3.5 M.L.W.

Elevation Top of Refusal 2925 M.L.W.

Elevation Bottom of Probe 2925 M.L.W.

Total Depth of Probe 29.0 Feet

Hammer Wt. ___ Hammer Drop _____

Probe Started 8:45

Probe Completed 9:20

Drilled by J C Ampbell

Mfg. Des. Drill _____

Inspected by: Sean S.

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
4'	4 WOH	very soft	
	3 5 6 8 11	soft to stiff	
	14 17 22 19 23	very stiff	
	23 21 18 19 21	very stiff	
	22 25 29 23 31	very stiff to hard	clean Probe Rocks
	28 41 37 43 52 50/0	very stiff to hard Refusal at 29.25 50/0	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. J-36 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation 5 of Water Surface M.L.W.

Elevation Top of Probe -1 M.L.W.

Elevation Top of Refusal 23.0 M.L.W.

Elevation Bottom of Probe 28 M.L.W.

Total Depth of Probe 29.0 Feet

Hammer Wt. ___ Hammer Drop _____

Probe Started 7:50

Probe Completed 8:35

Drilled by J CAMPBELL

Mfg. Des. Drill _____

Inspected by: Scott S

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
6'	WOH	very soft	
	3	soft to med	
	4		
	3		
	10	stiff	
	7		
	11		
	12		
	14		
	34	very stiff	
	07		
	32		
	36		
	26		Clean Probe
	27	very stiff to	Rods
	31	Hard	
	40		
	33		
	29		
	41		
	30	Hard	
	46	Refusal at	
	50/0	28.5 FT	
		50/0	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. T-37 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation 5.50 of Water Surface M.L.W.

Elevation Top of Probe -.50 M.L.W.

Elevation Top of Refusal 32.0 M.L.W.

Elevation Bottom of Probe 32.0 M.L.W.

Total Depth of Probe 32.50 Feet

Hammer Wt. ____ Hammer Drop _____

Probe Started 2:40

Probe Completed 3:15

Drilled by Campbell

Mfg. Des. Drill -

Inspected by: Scope

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
5'	5 WOH	very soft	
	2	very soft to	
	5		
	11	very stiff	
	19		
	17		
	32		
	25		
	29	very stiff	
	23		
	19		
	33	very stiff to	
	44		
	41	hard	
	38		sand silt
	21		
	21		
	23	very stiff to	+ clay on
	35		
	36	hard	
	35		
	46		probe rods
	39	hard!	
	33		
	19		
	21	very stiff	
	15		
	22		
	41 → 1"		

GENERAL REMARKS

Refusal at 32.0 ft. Tc/ 1"

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83- Desig. T38 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 5.05 of Water Surface M.L.W.

Elevation Top of Probe ___ M.L.W.

Elevation Top of Refusal 25.36 M.L.W.

Elevation Bottom of Probe 25.36 M.L.W.

Total Depth of Probe 25.36 Feet

Hammer Wt. 300# Probe Started 10

Hammer Drop 18" Probe Completed 1:35

Drilled by Jammer

Mfg. Des. Drill ACKER ACE

Inspected by: Scott S.

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	6 weight	very soft	
	8		
	11	stiff	
	12		
	14		
	15		
	20	very stiff	
	15		
	18		
	19		
	25		
	20	very stiff to	
	26		
	29	hard	
	31		
	37		organic silt
	30		
	33	hard	
	34		
	32	Refusal at	
	50		
	50/0	25	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83- Desig. F39 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 4.0 of Water Surface M.L.W.

Elevation Top of Probe 4.0 M.L.W.

Elevation Top of Refusal 18.0 M.L.W.

Elevation Bottom of Probe 18.0 M.L.W.

Total Depth of Probe 17.5 Feet

Hammer Wt. 300# Probe Started 1:50

Hammer Drop 18" Probe Completed 2:20

Drilled by _____

Mfg. Des. Drill ACKER ACE

Inspected by: Scott S.

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
4	2 2 each	very soft	
	2		
	5		
	5	med to very stiff	
	7		
	13		
	17		
	18		
	22		
	27	very stiff	
	23		
	29		
	32		
	22	very stiff	
	29	Bouncing	
	50/0	Refusal at	
		18' 50/0	
		Boulder?	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83- Desig. [illegible] Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 2.60 of Water Surface M.L.W.

Elevation Top of Probe 1.50 M.L.W.

Elevation Top of Refusal 15.50 M.L.W.

Elevation Bottom of Probe 15.50 M.L.W.

Total Depth of Probe 14.0 Feet

Hammer Wt. 300# Probe Started [illegible]

Hammer Drop 18" Probe Completed [illegible]

Drilled by [illegible]

Mfg. Des. Drill ACKER ACE

Inspected by: [illegible]

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1	Very soft to	
	3	soft	
	5		
	7		
	15	Stiff to very	
	50	stiff	
	22		
	27		
	35		
	33	very stiff	
	24		
	50/0		
		Refusal at	Organic silt
		15.50	on probe
		50/0	rods

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-K-22 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +8.0 of Water Surface M.L.W.

Elevation Top of Probe -12.0 M.L.W.

Elevation Top of Refusal -16.0 M.L.W.

Elevation Bottom of Probe -16.0 M.L.W.

Total Depth of Probe 4' Feet

Hammer Wt. 300# Probe Started 2:30

Hammer Drop 18" Probe Completed 2:45

Drilled by R. Simmons

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
5	3 7 12 6 50/0"	SOFT STIFF Refusal 50/0" at -16.0 ft.	possible boulder and/or cobble clean probe & Rod upon completion

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE K-23

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83- K-23 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +7.75 of Water Surface M.L.W.

Elevation Top of Probe -10.25' M.L.W.

Elevation Top of Refusal -31.25' M.L.W.

Elevation Bottom of Probe -31.25 M.L.W.

Total Depth of Probe 21' Feet

Hammer Wt. 300# Probe Started 2.00

Hammer Drop 18" Probe Completed 2.15

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3 4	V SOFT to SOFT	
	3 8		
5	10 12	STIFF	
	16 19		
10	14 18	V STIFF	
	25 28		
	23 26		
15	34 28	HARD	
	44 62		Some sand & silt in probe
20	63 77		
22	78 50/0"	Refusal 50/0" at -31.25	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
K-24
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-K24 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +7.0 of Water Surface M.L.W.

Elevation Top of Probe -8.0 M.L.W.

Elevation Top of Refusal -28.0 M.L.W.

Elevation Bottom of Probe -28.0 M.L.W.

Total Depth of Probe 20' Feet

Hammer Wt. 300# Probe Started 1:15

Hammer Drop 18" Probe Completed 1:30

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	1 1	V. SOFT	
5	2 4 3	MED. STIFF	
	6 10		
10	11 10 13		
	17 23 25	V. STIFF to HARD	
15	30 49 20		some silt & sand on Rods & probe
	35 59 67		
20	50/0"	Refusal 50/0" at -28.0 ft.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor — Page 1 of 1 Pages

Probe No. K-25 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +8.25 of Water Surface M.L.W.

Elevation Top of Probe -8.25 M.L.W.

Elevation Top of Refusal -25.25 M.L.W.

Elevation Bottom of Probe -25.25 M.L.W.

Total Depth of Probe 17' Feet

Hammer Wt. 300 Probe Started 9:15

Hammer Drop 18" Probe Completed 9:35

Drilled by R Seymour

Mfg. Des. Drill Acker Ace

Inspected by: PLB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	Weight of hammer	very soft	
5	3 5 5 9 8		
10	17 21 20 25	med. stiff to stiff	
15	43 49 63 50/0"	Hard Refusal 50/0" at -25.25 ft.	some silt & sand on Rods
20			

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor Page 1 of 1 Pages

Probe No. K-26 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +3.75 of Water Surface M.L.W.

Elevation Top of Probe -9.75 M.L.W.

Elevation Top of Refusal -25.75 M.L.W.

Elevation Bottom of Probe -25.75 M.L.W.

Total Depth of Probe 16' Feet

Hammer Wt. 300# Probe Started 9:50

Hammer Drop 18" Probe Completed 10:15

Drilled by R Seyman

Mfg. Des.Drill Acker Ace

Inspected by: PLB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	weight of hammer	very soft	
5	47 5 5 4	very hard (boulder)	
	9 12	soft to stiff	
10	14 23 26 33		
15	34 37 29 50/0"	hard 50/0" refusal at -25.75 ft.	some silt & sand on probe
20			

GENERAL REMARKS

9-23-83

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Page 1 of 2 Pages

Probe No. K-27 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation +5 of Water Surface M.L.W.

Elevation Top of Probe -9.0' M.L.W.

Elevation Top of Refusal -42.0' M.L.W.

Elevation Bottom of Probe -42.0' M.L.W.

Total Depth of Probe 33' Feet

Hammer Wt. 300# Probe Started 10:00

Hammer Drop 18" Probe Completed 10:30

Drilled by Don Campbell

Mfg. Des.Drill Acker Ace.

Inspected by: PLS

Depth 1"= 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1		observed on Rods:
	1		
	WOH		
	WOH		
5'	WOH		Grey silt, little clay, FEW Fractured shells.
	WOH		
	WOH	SOFT	
	1		
	1		
10'	2		
	2		
	2		
	6	MED. STIFF	
	15	STIFF	
15'	21	VERY STIFF	
	35	HARD	
	54	VERY HARD	
	42	HARD	
	26	VERY STIFF	
20'	22		
	30	HARD	
	29	VERY STIFF	
	40	HARD	
	54	VERY HARD	
25'	37		
	39	HARD	
	54		
	22	VERY STIFF	
	27		
30'	36		

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 2 of 2 Pages

Probe No. K-27 Desig. _____ Diam. Probe ROD AW

Coordinates: N _____ E _____

Elevation +5.0' of Water Surface M.L.W.

Elevation Top of Probe -5.0' M.L.W.

Elevation Top of Refusal -42.0' M.L.W.

Elevation Bottom of Probe -42.0' M.L.W.

Total Depth of Probe 33' Feet

Hammer Wt. 300# Hammer Drop 18" Probe Started 10:00 Probe Completed 10:30

Drilled by Don Campbell

Mfg. Des. Drill Acker Ace

Inspected by: PLB

Depth 1" = 5'	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	29		
	33	HARD	
	62	VERY HARD	
		Refusal 50 blows/0" at -42.0 ft.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor Page 1 of 1 Pages

Probe No. K-78 Desig. ____ Diam.Probe ROD AW

Coordinates: N ____ E ____

Elevation [redacted] of Water Surface M.L.W.

Elevation Top of Probe -7.25 M.L.W.

Elevation Top of Refusal -29.25 M.L.W.

Elevation Bottom of Probe -29.25 M.L.W.

Total Depth of Probe 22' Feet

Hammer Wt. 300 Probe Started 1:30

Hammer Drop 18" Probe Completed 1:55

Drilled by R Seymour

Mfg. Des. Drill Acker Ace

Inspected by: PLB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	hammer wgt	very soft	
5	2 2		
	3 7	soft to stiff	
	8 7		
10	7 4		
	7 8		
	13 25	stiff to hard	
15	31 24		
	29 32		
20	26 33		
	34 50/0"	Refusal 50/0" at -29.25 ft.	boomerang Refusal

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor — Page 1 of 1 Pages

Probe No. K-29 Desig. ____ Diam. Probe ROD AW

Coordinates: N ____ E ____

Elevation +7.5 of Water Surface M.L.W.

Elevation Top of Probe -5 M.L.W.

Elevation Top of Refusal -32.0 M.L.W.

Elevation Bottom of Probe -32.0 M.L.W.

Total Depth of Probe 27' Feet

Hammer Wt. 300 Probe Started 12:10

Hammer Drop 18" Probe Completed 12:55

Drilled by R Seymour

Mfg. Des. Drill Acker Ace

Inspected by: RLB

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
5	1 2 2 3 2 3 4 6	very soft to soft	
10	4 9 12 15 10 11	med stiff to stiff	
15	15 18 16 14		
20	23 26 26 29 32 35	stiff to hard	
25	41 63 69		some sand & silt on probes
28	50/0"	Refusal 50/0" at -32.0 ft.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION K-30

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. ~~FP-83-~~ K-30 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 8.25 of Water Surface M.L.W.

Elevation Top of Probe -4.50 M.L.W.

Elevation Top of Refusal -31.00 M.L.W.

Elevation Bottom of Probe -31.00 M.L.W.

Total Depth of Probe -26.75 Feet

Hammer Wt. 300# Probe Started 4:05

Hammer Drop 18" Probe Completed 4:30

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	8, 10, 12	STIFF	
	13, 23, 18, 20, 21	STIFF TO very STIFF	Some Fine Sand + Inorganic Silt + Clay
	26, 20, 22, 22, 21	very STIFF	
	17, 16, 17, 23, 27	very STIFF	
	17, 17, 16, 17, 23	very STIFF	
	23, 27, 41, 63=0.75, 50/0"	very STIFF TO HARD REFUSAL AT -31.00 50/0" Pom	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-K-31 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 8.25 of Water Surface M.L.W.

Elevation Top of Probe -0.25 M.L.W.

Elevation Top of Refusal 21.75 M.L.W.

Elevation Bottom of Probe 21.75 M.L.W.

Total Depth of Probe 21.50 Feet

Hammer Wt. 300# Probe Started 3:30

Hammer Drop 18" Probe Completed 3:50

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1	SOFT TO med.	
	3		
	2		
	17		
	20	STIFF TO HARD	SOME FINE SAND
	28		+ INORGANIC SILT
	24		
	33		
	24	VERY STIFF	+ CLAY
	28		
	29		
	29		
	30		
	37		
	30	HARD	
	31		
	32		
	25		
	36	HARD TO STIFF	
	30		
	26		
	65=6"	Bouncing Refusal	
	50/0	Boulder?	
		AT -21.75	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. K-32 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation 60 of Water Surface M.L.W.

Elevation Top of Probe 0 M.L.W.

Elevation Top of Refusal 270 M.L.W.

Elevation Bottom of Probe 270 M.L.W.

Total Depth of Probe 271 Feet

Hammer Wt. ___ Hammer Drop _____

Probe Started 7:45

Probe Completed 8:15

Drilled by Hasselmann

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	2 2 3 3	VERY SOFT	
	7		
	20 23 25 31	STIFF TO VERY STIFF	
	27 29 39 41 40	VERY STIFF TO HARD	
	33 36 37 37	VERY STIFF	SAND SILT + CLAY on RODS
	39 39 39 37	VERY STIFF TO HARD	
	39 34 47 50/0	HARD REFUSAL AT 270 ft	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. A 35 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation +6.60 of Water Surface M.L.W.

Elevation Top of Probe -5.0 M.L.W.

Elevation Top of Refusal -26.0 M.L.W.

Elevation Bottom of Probe -26.0 M.L.W.

Total Depth of Probe -25.50 Feet

Hammer Wt. ____ Hammer Drop _____

Probe Started 8:30

Probe Completed 8:55

Drilled by Hasselmann

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	5' WOH	very soft	
	2 2 2 10 13	soft to stiff	
	14 30 27 31 25	very stiff	
	22 19 27 27 31	very stiff	
	33 37 32 26 27	HARD	
	39 53 = 6" 50/	Refusal at -26.0 50/	organic silt on Rocks

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. K-38 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation 7 of Water Surface M.L.W.

Elevation Top of Probe 0 M.L.W.

Elevation Top of Refusal -38.0 M.L.W.

Elevation Bottom of Probe -38.0 M.L.W.

Total Depth of Probe -38.0 Feet

Hammer Wt. ___ Hammer Drop _____

Probe Started 4:15

Probe Completed 4:45

Drilled by HASSELMANN

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3 3 4 6 6 8 9 14 20 20 21 27 21 21 25 17 16 16 20 11 13 13 14 25 35 39 43 50/0	very soft med to very stiff very stiff very stiff very stiff very stiff to hard Refusal at -38.0 50/0	Clean Rods

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. K-35 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation +6.25 of Water Surface M.L.W.

Elevation Top of Probe -.25 M.L.W.

Elevation Top of Refusal -27.75 M.L.W.

Elevation Bottom of Probe -27.75 M.L.W.

Total Depth of Probe 27.50 Feet

Hammer Wt. ___ Hammer Drop _____

Probe Started 3:45

Probe Completed 4:05

Drilled by Hasseman

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	4" WOH	VERY SOFT	
	3		
	7		
	6	SOFT TO STIFF	
	10		
	13		
	21		
	19		
	16	VERY STIFF	
	22		
	22		
	29		
	31		
	31	HARD	
	33		
	30		
	23		
	30		
	18	VERY STIFF	
	32		
	27		
	39		CLEAN ROCK
	42	HARD	
	47		
	53-6		
	50/0	REFUSAL @ 27.25 50/0	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. K-36 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation +5 of Water Surface M.L.W.

Elevation Top of Probe +3 M.L.W.

Elevation Top of Refusal -270 M.L.W.

Elevation Bottom of Probe -270 M.L.W.

Total Depth of Probe 305 Feet

Hammer Wt. ___ Hammer Drop _____

Probe Started 3:05

Probe Completed 3:35

Drilled by Hasselman

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	50/0.5	very soft	
	1		
	2		
	3		
	10	STIFF TO very STIFF	
	15		
	13		
	17		
	27		
	45		
	40	HARD	
	62		
	45		
	29		
	25	very STIFF	
	22		
	12		
	14		
	20	very STIFF TO	
	22		
	27		
	30	HARD	
	40		
	45	REFUSAL AT	
	42		
	47	-270 50/0	
	50/0		

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. K-37 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation 4.25 of Water Surface M.L.W.

Elevation Top of Probe -.75 M.L.W.

Elevation Top of Refusal -22.75 M.L.W.

Elevation Bottom of Probe -22.75 M.L.W.

Total Depth of Probe 22.0 Feet

Hammer Wt. ____ Hammer Drop _____

Probe Started 2.35

Probe Completed 2.50

Drilled by Hasselmann

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
3'	1 1 1	very Loose	
	2 2 2		
	3 3 3		
	4 4 4	med to stiff	
	5 5 5		
	11 11 11		
	26 26 26	very stiff	
	31 31 31		
	43 43 43		
	24 24 24		
	21 21 21		
	33 33 33	Hard	
	41 41 41		
	36 36 36		Clay Fine Sand
	47 47 47	Refusal at 22.75 ft	
	51 51 51		Rock
	56 56 56		
	56/6 56/6 56/6		

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. [illegible] Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation 3.75 of Water Surface M.L.W.

Elevation Top of Probe 5.75 M.L.W.

Elevation Top of Refusal -8.75 M.L.W.

Elevation Bottom of Probe -8.75 M.L.W.

Total Depth of Probe 8.0 Feet

Hammer Wt. ___ Hammer Drop _____

Probe Started 2.10

Probe Completed 2.30

Drilled by Hasselmann

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
7	7 each	very soft	
	65	HARD	organic silt on Probe Rods
	50/0	Refusal AT -5.75 50/0 Boulder?	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83-L-24 Desig. L-24 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +4.5 of Water Surface M.L.W.

Elevation Top of Probe -0.5 M.L.W.

Elevation Top of Refusal -10.0 M.L.W.

Elevation Bottom of Probe -10.0 M.L.W.

Total Depth of Probe 9.5 Feet

Hammer Wt. 300# Probe Started 8:30

Hammer Drop 18" Probe Completed 1:00

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1		
	3	very soft to med.	
	7		
	9		
	9		
	7		
	16		
	14	med. to hard	
	14		
	50/6"		Upon probe rods
		Refusal at -10.0' 50/0"	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. 1-25 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation +9' of Water Surface M.L.W.

Elevation Top of Probe -8.0 M.L.W.

Elevation Top of Refusal -21.50 M.L.W.

Elevation Bottom of Probe -21.50 M.L.W.

Total Depth of Probe 13.50 Feet

Hammer Wt. ___ Probe Started 1030

Hammer Drop _____ Probe Completed 1046

Drilled by Hasselmann

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	5 weight	very soft	
	3	very soft to med	
	2		
	2		
	4		
	6		
	13	stiff to hard	
	21		
	23		
	47 = 6"		
	50/0	Bouncing Refusal AT -21.50 FT	Clean Rock
	Bouncing	50/0	
		Boulder?	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. L-26 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation +3.15 of Water Surface M.L.W.

Elevation Top of Probe -8.25 M.L.W.

Elevation Top of Refusal -22.75 M.L.W.

Elevation Bottom of Probe -22.75 M.L.W.

Total Depth of Probe 14.50 Feet

Hammer Wt. ___ Hammer Drop _____

Probe Started 11:15

Probe Completed 11:35

Drilled by Hasselmann

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3 4 4	very soft	
	7		
	11	stiff	
	15		
	7		
	11		
	17		
	14	very stiff	
	13		
	20		
	34		
	23		
	32=6	hard	
	50/0	Bouncing Refusal at	
	Bouldar?	-22.75 50/0	SAND + SILT
		Bolder?	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. 1-22 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation +2.0 of Water Surface M.L.W.

Elevation Top of Probe -9 M.L.W.

Elevation Top of Refusal -31.0 M.L.W.

Elevation Bottom of Probe -31.0 M.L.W.

Total Depth of Probe -22.0 Feet

Hammer Wt. ___ Hammer Drop _____

Probe Started 10:46

Probe Completed 11:04

Drilled by HASSELMANN

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	2 WOH	VERY SOFT	
	3	SOFT TO STIFF	
	2		
	11		
	11		
	10		
	11	STIFF TO HARD	
	13		
	14		
	15		
	34		
	22	VERY STIFF TO HARD	SAND + SILT
	23		
	33		
	33		
	33		
	50/0	REFUSAL AT -31.0 FT 50/0	ON PROBE ROCK

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. L-28 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation +2.50 of Water Surface M.L.W.

Elevation Top of Probe -7.50 M.L.W.

Elevation Top of Refusal -28.50 M.L.W.

Elevation Bottom of Probe -28.50 M.L.W.

Total Depth of Probe 21.0 Feet

Hammer Wt. ___ Probe Started 0915

Hammer Drop _____ Probe Completed 1035

Drilled by HASSELMANN

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	9 4 4 11 14 19 13 15 13 18 17 15	very soft med to stiff stiff to very stiff stiff Refusal at -28.50 ft 50/0	sand + silt on rods

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. 1-33 Diam.Probe ROD 1.355

Coordinates: N _____ E _____

Elevation 7.2' of Water Surface M.L.W.

Elevation Top of Probe -3.0 M.L.W.

Elevation Top of Refusal -28.50 M.L.W.

Elevation Bottom of Probe -28.50 M.L.W.

Total Depth of Probe 25.50 Feet

Hammer Wt. ___ Probe Started 12.55

Hammer Drop _____ Probe Completed 1.30

Drilled by Hasselmann

Mfg. Des.Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	5' auger	very soft	
	3	soft to stiff	
	3		
	7		
	9		
	10		
	14		
	16	very stiff	
	11		
	17		
	14		
	36	very stiff	
	18		
	20		
	15		
	17		
	23	very stiff to hard	
	25		
	18		Shale + silt on rods
	21		
	33	Refusal at -28.50 50/1C	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. L-30 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation 2.75 of Water Surface M.L.W.

Elevation Top of Probe -2.25 M.L.W.

Elevation Top of Refusal -24.75 M.L.W.

Elevation Bottom of Probe -24.75

Total Depth of Probe 22.5 Feet

Hammer Wt. ___ Probe Started 2.15

Hammer Drop _____ Probe Completed 2.45

Drilled by Hassebrauna

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3 4 7	very soft to med	
	13 18 22 25 26	stiff to very stiff	
	28 31 42 46 49	hard	
	33 37 42 48	hard	
	61 52 11/6"	hard refusal at ft	sand & silt on probe tools
	50/6	-24.75 50/0"	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. L-31 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation +6.25 of Water Surface M.L.W.

Elevation Top of Probe -1.25 M.L.W.

Elevation Top of Refusal -23.25 M.L.W.

Elevation Bottom of Probe -23.25 M.L.W.

Total Depth of Probe -22.0 Feet

Hammer Wt. ____ Hammer Drop _____

Probe Started 11:30

Probe Completed 11:50

Drilled by J. Campbell

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3 WOH	very soft	
	2		
	2		
	4		
	6	med to very stiff	
	7		
	15		
	18		
	20	very stiff	
	19		
	17		
	16		
	19		
	26	very stiff	
	24		
	23		
	19		
	23		
	27		sand, silt + clay on Rocks
	31	Hard	
	42		
	50	Refusal at -23.25 ft	
	50/0	50/0	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. L-33 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation +6.75 of Water Surface M.L.W.

Elevation Top of Probe -1.75 M.L.W.

Elevation Top of Refusal -23.75 M.L.W.

Elevation Bottom of Probe _____ M.L.W.

Total Depth of Probe 22.5 Feet

Hammer Wt. ___ Hammer Drop _____

Probe Started 10:05

Probe Completed 10:20

Drilled by J CAMPBELL

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	4 4 0 0	VERY SOFT	
	3		
	5		
	9	STIFF TO VERY STIFF	
	12		
	17		
	17		
	19	VERY STIFF	
	25		
	14		
	23		
	24	VERY STIFF TO STIFF	
	17		
	18		
	14		
	16		
	17	VERY STIFF TO HARD	SHARP SILT + CLAY ON ROCKS
	34		
	37		
	34		
	50-6	REFUSAL AT -23.75 FT 50/0	
	50/0		

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. 3" Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation +6.75 of Water Surface M.L.W.

Elevation Top of Probe -.75 M.L.W.

Elevation Top of Refusal -25.25 M.L.W.

Elevation Bottom of Probe -25.75 M.L.W.

Total Depth of Probe 23.0 Feet

Hammer Wt. ___ Hammer Drop _____

Probe Started 8:35

Probe Completed 10:45

Drilled by J CAMPBELL

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	4 4 3 7 9 7 8 9 2 3 9 12 12 18 23 34 26 25 28 36 58 37 31 31 25 37 76 43 = 26 50/0"	very SOFT very SOFT TO STIFF very STIFF very STIFF TO HARD very STIFF TO HARD REFUSAL AT -25.25 50/0"	16 25.25 24.5 SAND SILT CLAY on ROCKS ?

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. L 35 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation +2.0 of Water Surface M.L.W.

Elevation Top of Probe -2.0 M.L.W.

Elevation Top of Refusal ~~[illegible]~~ -21.0 M.L.W.

Elevation Bottom of Probe ~~[illegible]~~ -27.0 M.L.W.

Total Depth of Probe ~~[illegible]~~ 25 Feet

Hammer Wt. ___ Hammer Drop _____

Probe Started 9:55

Probe Completed 10:30

Drilled by J CAMPBELL

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	4 WOH	VERY SOFT	
	3		
	2		
	3	SOFT TO MED	
	5		
	3		
	2		
	14		
	6	STIFF TO VERY STIFF	
	10		
	11		
	3		
	17		
	18		
	16	VERY STIFF	
	24		
	31		
	24		
	37	VERY STIFF	
	26		
	22		
	30		
	41	HARD	
	76		
	50	REFUSAL AT -27.0 FT	
	50/6"	50/6"	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. C-36 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation +6.50 of Water Surface M.L.W.

Elevation Top of Probe -1.50 M.L.W.

Elevation Top of Refusal -26.50 M.L.W.

Elevation Bottom of Probe -26.50 M.L.W.

Total Depth of Probe 25.0 Feet

Hammer Wt. ____ Hammer Drop _____

Probe Started 9:35

Probe Completed 9:45

Drilled by J. Crawford

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	5 weight	very soft	
	1		
	2		
	3	very soft	
	4		
	5		
	6		
	7		
	8		
	9		
	10	stiff	
	11		
	12		
	13		
	14		
	15		
	16		
	17	very stiff	
	18		
	19		
	20		
	21		
	22		
	23		
	24		
	25		
	26		
	27		
	28		
	29		
	30	very stiff to hard	Sand silt clay on rods
	31		
	32		
	33		
	34		
	35		
	36		
	37		
	38		
	39		
	40		
	41		
	42		
	43		
	44		
	45		
	46		
	47		
	48		
	49		
	50		
	50/0	Refusal at -26.50 ft 50/0"	

GENERAL REMARKS

ATTACHMENT 8

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83- Desig. [illegible] Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 17.5 of Water Surface M.L.W.

Elevation Top of Probe 1.25 M.L.W.

Elevation Top of Refusal 23.75 M.L.W.

Elevation Bottom of Probe 23.75 M.L.W.

Total Depth of Probe 17.50 Feet

Hammer Wt. 300# Probe Started 10:45

Hammer Drop 18" Probe Completed 11:10

Drilled by J Campbell

Mfg. Des. Drill ACKER ACE

Inspected by: Scott S.

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3 100H	very soft	
	7	med to very stiff	
	6		
	15		
	19		
	21		
	22	very stiff to hard	
	23		
	31		
	24		
	33		
	33		
	37	hard	
	44		
	47		Clean Probe Rods
	49 =6"		
	50/	Refusal at 23.75	
	100		

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83- Desig. M-2 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 1.00 of Water Surface M.L.W.

Elevation Top of Probe 1.00 M.L.W.

Elevation Top of Refusal 26.00 M.L.W.

Elevation Bottom of Probe 26.00 M.L.W.

Total Depth of Probe 19.50 Feet

Hammer Wt. 300# Probe Started 10:00

Hammer Drop 18" Probe Completed 10:30

Drilled by Jerry Bell

Mfg. Des. Drill ACKER ACE

Inspected by: Scott S.

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
7'	7' w.d.	very soft	
	4		
	8	soft to very	
	10		
	17	stiff	
	26		
	46		
	28	very stiff	
	25		
	34		
	27		
	44		
	51	hard	clean probe
	46 = 6"	refusal at	Rocks
	50/0		
		26.00	
		50/0" per	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83- Desig. M-2 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 7.5 of Water Surface M.L.W.

Elevation Top of Probe 10.25 M.L.W.

Elevation Top of Refusal 35.75 M.L.W.

Elevation Bottom of Probe 36.75 M.L.W.

Total Depth of Probe 25.50 feet

Hammer Wt. 300# Probe Started 9.11

Hammer Drop 18" Probe Completed 9.45

Drilled by Longbell

Mfg. Des. Drill ACKER ACE

Inspected by: [illegible]

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3	SOFT TO VERY STIFF	
	7		
	9		
	12		
	20		
	26	VERY STIFF	
	23		
	31		
	18		
	17		
	15		
	11	STIFF	
	11		
	12		
	11		
	20		
	18	VERY STIFF	
	19		
	28		
	26		
	24	VERY STIFF TO HARD	SAND SILT + CLAY ON PROBE RODS
	21		
	23		
	34		
	62		
	47=6"	REFUSAL AT 36.25	
	50/6"	50/6" PENN	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83- Desig. M2E Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 5.75 of Water Surface M.L.W.

Elevation Top of Probe 6.75 M.L.W.

Elevation Top of Refusal 35.25 M.L.W.

Elevation Bottom of Probe 35.25 M.L.W.

Total Depth of Probe 28.50 Feet

Hammer Wt. 300# Probe Started 8:35

Hammer Drop 18" Probe Completed 8.55

Drilled by Campbell

Mfg. Des. Drill ACKER ACE

Inspected by: Scott S.

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
11	11 wt	very soft	
	2		
	2	soft to med	
	4		
	5		
	2		
	5		
	12	stiff to med	
	12		
	8		
	12		
	12		
	17	stiff to hard	
	17		
	24		
	31		
	37		sand silt +
	45	hard	
	57=6"		clay in probe
	50/6"	Refusal at	Rods
		35.25	
		50/6" Pen.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83- Desig. M-29 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 7.25 of Water Surface M.L.W.

Elevation Top of Probe -4.25 M.L.W.

Elevation Top of Refusal -27.0 M.L.W.

Elevation Bottom of Probe -27.0 M.L.W.

Total Depth of Probe -22.25 Feet

Hammer Wt. 300# Probe Started 9:25 10/4

Hammer Drop 18" Probe Completed 10:05

Drilled by Dave Doyle

Mfg. Des. Drill ACKER ACE

Inspected by: Scott Shilliden

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3' WOH 1, 1, 1, 2 1, 6, 9 8, 12 14, 10, 11 18 28, 21, 18 38 46 = 9" 50/0	very soft very soft to stiff very stiff to Hard Refusal AT -27.0 FT 50/0" Penn.	Some fine to med sand + silt - clay

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83-M-30 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 5.75 of Water Surface M.L.W.

Elevation Top of Probe -3.25 M.L.W.

Elevation Top of Refusal -23.75 M.L.W.

Elevation Bottom of Probe -23.75

Total Depth of Probe 20.50 Feet

Hammer Wt. 300# Probe Started 2.32

Hammer Drop 18" Probe Completed 3.00

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Scott S

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	4 wet	very soft	
	2		
	2		
	2	soft	
	3		
	3		
	5		
	8	med to	
	10	stiff	
	12		
	11		
	13		
	19	very stiff	
	24		
	21		
	27		some sand
	39=6"	hard	+ silt little
	50/0	Refusal at	clay on probe
		23.75 50/0"	Rods

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83- Desig. M-31 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 4.75' of Water Surface M.L.W.

Elevation Top of Probe +.25 M.L.W.

Elevation Top of Refusal -15.75 M.L.W.

Elevation Bottom of Probe -15.75 M.L.W.

Total Depth of Probe -15.50 Feet

Hammer Wt. 300# Probe Started 1130

Hammer Drop 18" Probe Completed 155

Drilled by Dave Ouile

Mfg. Des. Drill ACKER ACE

Inspected by: Scott Shillolan

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1 1 1 6 1	Very soft to soft	
	17 18 30 19 36	Very stiff to hard	
	31 30 40 40 51	hard	
	32/6" 50/0"	refusal at -15.75' 50 blows/0"	Some Fine to med sand and silt and clay

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION 11-83

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83- Desig. 11-83 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 4.85 of Water Surface M.L.W.

Elevation Top of Probe -.75 M.L.W.

Elevation Top of Refusal -15.75 M.L.W.

Elevation Bottom of Probe -15.75

Total Depth of Probe -15.0 M.L.W. Feet

Hammer Wt. 300# Probe Started 8.40

Hammer Drop 18" Probe Completed 9.10

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Scott S.

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1	very soft to	
	1	med	
	1		
	5		
	1	Stiff to	
	15		
	26	Hard	
	33		
	40		
	25		
	20	very stiff to	
	19		
	36	Hard	
	53		
	50/0	Refusal at	
		15.75 ft.	some fine sand on Probe Rods
		50/0" Poor	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83-M-35 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 5.25 of Water Surface M.L.W.

Elevation Top of Probe 0 M.L.W.

Elevation Top of Refusal -18.0 M.L.W.

Elevation Bottom of Probe 18.0 M.L.W.

Total Depth of Probe -18.0 Feet

Hammer Wt. 300# Probe Started 9:25

Hammer Drop 18" Probe Completed 9:50

Drilled by Hassebrauck

Mfg. Des. Drill ACKER ACE

Inspected by: Scott S.

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	5 wash	very soft to	
	1	soft	
	2		
	4		
	7		
	8	med to very	
	13	stiff	
	27		
	21		
	26		
	23	very stiff to	
	31	hard	
	30		
	37		
	32		
	41	Hard!	some fine sand silt +
	40	Bouncing-	
	57	Refusal at	CLAY
	50/0	18' ft	on probe
		50/0" Rem	Rods

GENERAL REMARKS

Boulder ?

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

M-34

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83-39 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 7.75 of Water Surface M.L.W.

Elevation Top of Probe 7.75 M.L.W.

Elevation Top of Refusal 22.25 M.L.W.

Elevation Bottom of Probe 22.25 M.L.W.

Total Depth of Probe 21.50 Feet

Hammer Wt. 300# Probe Started 1.55

Hammer Drop 18" Probe Completed 2.25

Drilled by HASSELMAN

Mfg. Des. Drill ACKER ACE

Inspected by: [illegible]

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	4 wt	very soft	
	1		
	2	very soft to	
	3		
	4	stiff	
	4		
	5		
	13		
	13	stiff to very	
	16		
	19	stiff	
	17		
	14		
	12		
	27		
	27		
	13	very stiff	
	17		
	17		
	23		
	46=6"	very stiff	
	50/0	to hard	some fine to med sand + silt
		Refusal at 22.50 50%	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83- Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 8.50 of Water Surface M.L.W.

Elevation Top of Probe -7.50 M.L.W.

Elevation Top of Refusal -23.35 M.L.W.

Elevation Bottom of Probe -23.50 M.L.W.

Total Depth of Probe -23.0 Feet

Hammer Wt. 300# Probe Started [illegible]

Hammer Drop 18" Probe Completed [illegible]

Drilled by [illegible]

Mfg. Des. Drill ACKER ACE

Inspected by: [illegible]

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	2 1 1 4 7	Very soft to soft	
	2 2 12 12 15	Med to very stiff	
	2 2 2 2 1	Stiff	
	13 13 8 16 12	Stiff	
	19 21 42 50/	Stiff to hard Refusal at 23.50 ft 50/1"	Some stiff silt + clay on probe rods.

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

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Probe No. FP-83- Desig. N-23 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 3.75 of Water Surface M.L.W.

Elevation Top of Probe +8.25 M.L.W.

Elevation Top of Refusal -26.25 M.L.W.

Elevation Bottom of Probe -26.25 M.L.W.

Total Depth of Probe 38.0 Feet

Hammer Wt. 300# Probe Started 9:35

Hammer Drop 18" Probe Completed 8:10

Drilled by J. Campbell

Mfg. Des. Drill ACKER ACE

Inspected by: Scott S.

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	5		
	12	STIFF	
	15		
	13		
	11		
	17		
	19	Very STIFF	
	21		
	24		
	21		
	29		
	29	Very STIFF	
	29		
	31		
	36		
	33		
	42	Hard	
	55		
	50/6	Refusal at 26.25 50/6" Pen	Sand silt + clay on Probe Rods

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83- Desig. 28 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 6.50 of Water Surface M.L.W.

Elevation Top of Probe 6.50 M.L.W.

Elevation Top of Refusal -36.50 M.L.W.

Elevation Bottom of Probe -36.50 M.L.W.

Total Depth of Probe -30.0 Feet

Hammer Wt. 300# Probe Started 2:10

Hammer Drop 18" Probe Completed 2:35

Drilled by [illegible]

Mfg. Des. Drill ACKER ACE

Inspected by: [illegible]

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
0'	12 12	VERY SOFT	
	4		
	5	SOFT TO	
	6		
	12	VERY STIFF	
	23		
	20		
	19		
	18	VERY STIFF	
	19		
	16		
	19		
	23		
	20	VERY STIFF	
	33		
	30		
	34	VERY STIFF TO	
	37		
	45	HARD	SOME SAND
	50/0"	REFUSAL AT	SILT + CLAY
		36.50 50/0"	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83- Desig. V-79 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 5.75 of Water Surface M.L.W.

Elevation Top of Probe 3.75 M.L.W.

Elevation Top of Refusal 35.75 M.L.W.

Elevation Bottom of Probe 35.75

Total Depth of Probe 32.50 M.L.W. Feet

Hammer Wt. 300# Probe Started 1.10

Hammer Drop 18" Probe Completed 1.35

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Scott S.

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
10	13-6"	very soft	
	2	soft to	
	2	med	
	5		
	7		
	8		
	7	med + stiff	
	9		
	9		
	13		
	15		
	13		
	28	very stiff	
	17		
	27		some sand
	27		silt + clay
	22		
	27	very stiff	
	29		
	33	to hard	
	40		
	47=6"		
	20/0	Refusal at	
		35.75 ft	
		5½ hrs	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83- Desig. [illegible] Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 4.75 of Water Surface M.L.W.

Elevation Top of Probe 4.75 M.L.W.

Elevation Top of Refusal 35.75 M.L.W.

Elevation Bottom of Probe 35.75 M.L.W.

Total Depth of Probe 32.0 Feet

Hammer Wt. 300# Probe Started 1.25

Hammer Drop 18" Probe Completed 12.35

Drilled by CHAMPION

Mfg. Des. Drill ACKER ACE

Inspected by: Scott S

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
10'	10 WOH	very soft	
	3 3 7 8 7	soft to med	
	6 5 5 8	med to stiff	
	12 14 17		
	18 16 16	very stiff	
	23 22 19 17	very stiff to hard	some fine sand silt + clay
	29 41 50/6	(Refusal) at 35.75 ft 50/6" pen	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83- Desig. 1-3 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 7.75 of Water Surface M.L.W.

Elevation Top of Probe -2.25 M.L.W.

Elevation Top of Refusal 24.00 M.L.W.

Elevation Bottom of Probe 24.00 M.L.W.

Total Depth of Probe 26.25 Feet

Hammer Wt. 300# Probe Started 12.0 [illegible]

Hammer Drop 18" Probe Completed 3/12 30

Drilled by Condrill

Mfg. Des. Drill ACKER ACE

Inspected by: Scott S

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
10'	1/6 inch	very soft	
	2	very soft to med	
	3	med to stiff	some sand
	5		
	6	med to very stiff	silt +
	16		
	19		
	24		
	27		
	39	Hard	clay on
	47=6"		
	50/0	Refusal at 24.0 FT	Probe Rods
		50/0" Rem	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83-[illegible] Desig: Y-32 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 5.25 of Water Surface M.L.W.

Elevation Top of Probe 4.25 M.L.W.

Elevation Top of Refusal -26.25 M.L.W.

Elevation Bottom of Probe -26.25 M.L.W.

Total Depth of Probe -26.50 Feet

Hammer Wt. 300# Probe Started 9.55

Hammer Drop 18" Probe Completed 10.30

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Scott S.

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	9 WOH	very soft	
	4	soft	
	3		
	3		
	5		
	7		
	9	med to stiff	
	11		
	5		
	7		
	7	med to hard	some shell
	8		silt & clay
	36		
	29		
	35		
	26	very stiff to hard	
	49=6"		
	50/0	Refusal at 26.25 50/0	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

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Probe No. FP-83- Desig. [illegible] Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 7.75 of Water Surface M.L.W.

Elevation Top of Probe [illegible].25 M.L.W.

Elevation Top of Refusal 27.25 M.L.W.

Elevation Bottom of Probe 27.25 M.L.W.

Total Depth of Probe 27.0 Feet

Hammer Wt. 300# Hammer Drop 18"

Probe Started [illegible]

Probe Completed [illegible]

Drilled by [illegible]

Mfg. Des. Drill ACKER ACE

Inspected by: Scott S.

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
9'	9' wet	very soft.	
	3 3 4 5	very soft To soft.	
	7 7	med to soft	
	10 11 6		
	7 7 9 12 24	med to very stiff.	
	30 33 48	Hard.	Some Sand Silt + Clay
	50/0"	Refusal at 27.25 50/0"	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME. Page 1 of 1 Pages

Probe No. FP-83-0-7 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 3.50 of Water Surface M.L.W.

Elevation Top of Probe -41.00 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -41.00 M.L.W.

Total Depth of Probe 0" Feet

Hammer Wt. 300# Hammer Drop 18"

Probe Started 11:40

Probe Completed 11:45

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Lowered Probe Rods To -41.00 ft.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION 0-8

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-0-8 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 4.50 of Water Surface M.L.W.

Elevation Top of Probe -42.50 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -42.50 M.L.W.

Total Depth of Probe 0" Feet

Hammer Wt. 300# Hammer Drop 18"

Probe Started 12:15

Probe Completed 12:20

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Lowered Probe Rods To -42.50 ft.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION 0-9

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-0-9 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 5.00 of Water Surface M.L.W.

Elevation Top of Probe 40.50 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe 40.50 M.L.W.

Total Depth of Probe 0" Feet

Hammer Wt. 300# Hammer Drop 18"

Probe Started 12:40

Probe Completed 12:45

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Lowered Probe Rods TO-40.50ft	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-0-10 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 5.50 of Water Surface M.L.W.

Elevation Top of Probe -39.00 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe 40.00 M.L.W.

Total Depth of Probe -1.00 Feet

Hammer Wt. 300# Probe Started 12.55

Hammer Drop 18" Probe Completed 1:05

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	12	STIFF Probe ended at -40.0 FT.	Clean Probe Rods

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION 0-11

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83- 0-11 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 6.50 of Water Surface M.L.W.

Elevation Top of Probe -39.50 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe ~~-40.50~~ 40.50 M.L.W.

Total Depth of Probe ~~41.00~~ Feet

Hammer Wt. 300# Probe Started 1:15

Hammer Drop 18" Probe Completed 1:25

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	10	~~medium~~ STIFF Probe ended at -40.50 FT.	CLEAN PROBE RODS

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION 0-12

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-0-12 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 6.75 of Water Surface M.L.W.

Elevation Top of Probe -38.25 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.25 M.L.W.

Total Depth of Probe 2.00 Feet

Hammer Wt. 300# Probe Started 1:40

Hammer Drop 18" Probe Completed 1:45

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	8 10	STIFF Probe ended at -40.25 ft.	Clean Probe Rods

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION P-2

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-P-2 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 3.50 of Water Surface M.L.W.

Elevation Top of Probe 36.50 M.L.W.

Elevation Top of Refusal ~~40.50~~ M.L.W.

Elevation Bottom of Probe 40.50 M.L.W.

Total Depth of Probe 4.0 Feet

Hammer Wt. 300# Probe Started 1.20

Hammer Drop 18" Probe Completed 1.30

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	8 14 28 14	SOFT TO very STIFF Probe ended at - 40.5ft	Clean Probe Rods

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-123 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 4.00 of Water Surface M.L.W.

Elevation Top of Probe 34.50 M.L.W.

Elevation Top of Refusal ~~43.50~~ M.L.W.

Elevation Bottom of Probe -40.50 M.L.W.

Total Depth of Probe 6.0 Feet

Hammer Wt. 300# Probe Started 1:30

Hammer Drop 18" Probe Completed 2:00

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	4 5 7 10 20 24	SOFT TO STIFF VERY STIFF Probe ended at -40.5 ft	CLEAN PROBE

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION R4

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. R-4 FP-83- Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 5.0 of Water Surface M.L.W.

Elevation Top of Probe -32.00 M.L.W.

Elevation Top of Refusal -36.50 M.L.W.

Elevation Bottom of Probe -36.50 M.L.W.

Total Depth of Probe 4.50 Feet

Hammer Wt. 300# Probe Started 9:15

Hammer Drop 18" Probe Completed 9:25

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3 6 14 28 45-6" 50/0	MED. TO VERY STIFF HARD REFUSAL AT 36.50 FT. 50/0"	CLEAN PROBE RODS

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

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Probe No. FP-83-125 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 5.50 of Water Surface M.L.W.

Elevation Top of Probe -3.750 M.L.W.

Elevation Top of Refusal --- M.L.W.

Elevation Bottom of Probe -40.50 M.L.W.

Total Depth of Probe 1300 Feet

Hammer Wt. 300# Probe Started [illegible]

Hammer Drop 18" Probe Completed [illegible]

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	6 6 13 31	Med TO Hard	
	36 32 43 42 40	Hard	Clean Probe Rods
	72 46 51	Hard	
		Probe ended at -40.5 ft.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

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Probe No. P6 FP-83- Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +6.50 of Water Surface M.L.W.

Elevation Top of Probe -13.50 M.L.W.

Elevation Top of Refusal -20.50 M.L.W.

Elevation Bottom of Probe -20.50 M.L.W.

Total Depth of Probe 7.0 Feet

Hammer Wt. 300# Probe Started 3:10

Hammer Drop 18" Probe Completed 3:15

Drilled by Massachusetts

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	6	Medium To	Clean Probe
	17	Stiff	Rods
	50/0"	Refusal At	
		-2050 Ft.	
		50/0"	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
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FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME. Page 1 of 1 Pages

Probe No. FP-83-P-8 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +3.5 of Water Surface M.L.W.

Elevation Top of Probe -6.5 M.L.W.

Elevation Top of Refusal -10.5 M.L.W.

Elevation Bottom of Probe -10.5 M.L.W.

Total Depth of Probe 4' Feet

Hammer Wt. 300# Hammer Drop 18"

Probe Started 11:40

Probe Completed 11:50

Drilled by R. Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
5	6 8 22 75 50/0"	MED. STIFF to HARD Refusal 50/0" at 10.5 ft	Clean Rods & Probe upon completion

GENERAL REMARKS

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FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-P-9 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +4.5 of Water Surface M.L.W.

Elevation Top of Probe -4.5 M.L.W.

Elevation Top of Refusal -4.5 M.L.W.

Elevation Bottom of Probe -4.5 M.L.W.

Total Depth of Probe 0 Feet

Hammer Wt. 300# Probe Started 12:30

Hammer Drop 18" Probe Completed 12:35

Drilled by R. Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	50/0"	bouncing Refusal at -4.5 ft., 50/0"	Clean probe & Rods

GENERAL REMARKS

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FIELD LOG OF TEST PROBE

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Probe No. FP-83- P-10 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +5.5 of Water Surface M.L.W.

Elevation Top of Probe -9.0 M.L.W.

Elevation Top of Refusal -20.0 M.L.W.

Elevation Bottom of Probe -20.0 M.L.W.

Total Depth of Probe 11' Feet

Hammer Wt. 300# Probe Started 12:45

Hammer Drop 18" Probe Completed 12:55

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	4 5	soft to med soft	
	10 12	soft to	
5	10 14	v soft	
	18 17		
	15 31		
10	43 50/0"	Refusal at -20.0 ft 50/0"	Some sand & silt on probe
15			

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
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FIELD LOG OF TEST PROBE

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Probe No. FP-83- Desig. P-81 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +6.0 of Water Surface M.L.W.

Elevation Top of Probe -12.5 M.L.W.

Elevation Top of Refusal -18.5 M.L.W.

Elevation Bottom of Probe -18.5 M.L.W.

Total Depth of Probe 6' Feet

Hammer Wt. 300# Hammer Drop 18"

Probe Started 1:10 Probe Completed 1:26

Drilled by R Sampson

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	4 12	Soft to Stiff	
	8 9	V. Stiff to Hard.	
5	27 42		
7	50/0"	Refusal at -18.5 ft 50 blows/0"	Some silt on probe.

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
P-12

FIELD LOG OF TEST PROBE

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Probe No. FP-83- P-12 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +6.5 of Water Surface M.L.W.

Elevation Top of Probe -16.5 M.L.W.

Elevation Top of Refusal -24.5 M.L.W.

Elevation Bottom of Probe -24.5 M.L.W.

Total Depth of Probe 8' Feet

Hammer Wt. 300# Probe Started 1.30

Hammer Drop 18" Probe Completed 1.40

Drilled by _____

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	21 12	V STIFF.	
	10 22	STIFF	
5	27 33		
	37 39	HARD	
10	50/0"	Refusal 50/0" at -24.5 ft.	some silt on probe upon completion

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-Q- Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 3.00 of Water Surface M.L.W.

Elevation Top of Probe -41.50 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe 41.60 M.L.W.

Total Depth of Probe 0" Feet

Hammer Wt. 300# Probe Started 1.00

Hammer Drop 18" Probe Completed 1.05

Drilled by Wasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Limited Probe Rocks TO -41.50 ft.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
Q-2
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-Q-2 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +3.0 of Water Surface M.L.W.

Elevation Top of Probe -35.5 M.L.W.

Elevation Top of Refusal — M.L.W.

Elevation Bottom of Probe -40.5 M.L.W.

Total Depth of Probe 5' Feet

Hammer Wt. 300# Hammer Drop 18"

Probe Started 1:00 Probe Completed 1:05

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
1	1	V SOFT	Clean Probe & Rods upon completion.
	1	SOFT to MED STIFF	
	3/4		
5	5	Probe ended at -40.5 FT.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
Q-3
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-Q.3 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +3.5 of Water Surface M.L.W.

Elevation Top of Probe -23.75 M.L.W.

Elevation Top of Refusal _____ M.L.W.

Elevation Bottom of Probe -40.75 M.L.W.

Total Depth of Probe 17' Feet

Hammer Wt. 300# Probe Started 1:25

Hammer Drop 18" Probe Completed 1:40

Drilled by R Seuman

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3 1	SOFT to MED STIFF	
	4 6		
5	4 47	HARD →	possible boulder or cobble
	10 11	STIFF to HARD	
	16 31		
10	30		Clean probe & Rods upon completion
	36 36		
	38 47	HARD	
15	38 43		
17	47		
20		Probe ended at -40.75 FT	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
Q-4
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-Q-4 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +4.5 of Water Surface M.L.W.

Elevation Top of Probe -19.0 M.L.W.

Elevation Top of Refusal -31.0 M.L.W.

Elevation Bottom of Probe -31.0 M.L.W.

Total Depth of Probe 12' Feet

Hammer Wt. 300# Probe Started 2:00

Hammer Drop 18" Probe Completed 2:15

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
5	5 2 20 13 12 17 21 22	SOFT STIFF TO V STIFF	
10	33 49 60 51 50/0"	HARD Refusal 50/0" at -31.0' ft.	Clean probe & Rods upon completion

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
Q-5
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-Q-5 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +5.5 of Water Surface M.L.W.

Elevation Top of Probe -18.0 M.L.W.

Elevation Top of Refusal -31.0 M.L.W.

Elevation Bottom of Probe -31.0 M.L.W.

Total Depth of Probe 13' Feet

Hammer Wt. 300# Probe Started 1:30

Hammer Drop 18" Probe Completed 2:45

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	3 2	SOFT	
	3 7		
5	15 27	MED STIFF to V. STIFF	
	23 26		
	37 61		
10	52 49	HARD	
	48 50/0"	Refusal 50/0" at -31.0 ft	Clean Probe & Reel

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
Q-6
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83- Q-6 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +6.5 of Water Surface M.L.W.

Elevation Top of Probe -9.5 M.L.W.

Elevation Top of Refusal -14.5 M.L.W.

Elevation Bottom of Probe -14.5 M.L.W.

Total Depth of Probe 5' Feet

Hammer Wt. 300# Probe Started 3:10

Hammer Drop 18" Probe Completed 3:20

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
5	3 3 8 11 50/0"	V 30 FT STIFF Refusal 50/0" at -14.5 ft.	clean probe & rods

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION 67

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-7 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation -5.75 of Water Surface M.L.W.

Elevation Top of Probe -5.75 M.L.W.

Elevation Top of Refusal -10.75 M.L.W.

Elevation Bottom of Probe -10.75 M.L.W.

Total Depth of Probe -50 Feet

Hammer Wt. 300# Probe Started 535

Hammer Drop 18" Probe Completed 540

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	4 6 7 9 18 50/0	VERY SOFT TO HARD! REFUSAL AT -10.75 FT 50/0"	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-8 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation -7.75 of Water Surface M.L.W.

Elevation Top of Probe -3.25 M.L.W.

Elevation Top of Refusal -3.25 M.L.W.

Elevation Bottom of Probe -3.25 M.L.W.

Total Depth of Probe 0" Feet

Hammer Wt. 300# Probe Started 5:50

Hammer Drop 18" Probe Completed 5:55

Drilled by Hassel man

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	50/0"	Bouncing Refusal AT -3.25 FT 50/0"	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83- Desig. 09 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 7.50 of Water Surface M.L.W.

Elevation Top of Probe -8.00 M.L.W.

Elevation Top of Refusal -16.00 M.L.W.

Elevation Bottom of Probe -16.00 M.L.W.

Total Depth of Probe -8.0 Feet

Hammer Wt. 300# Probe Started 6:05

Hammer Drop 18" Probe Completed 6:15

Drilled by Hassemann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	6	Stiff to	
	15	Hard	
	32		
	17		
	39	Hard	
	44		
	19	Refusal at	some silt
	50/0	-16.00 ft	+ clay
		50/0"	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 7.25 of Water Surface M.L.W.

Elevation Top of Probe -5.75 M.L.W.

Elevation Top of Refusal -12.75 M.L.W.

Elevation Bottom of Probe 13.75 M.L.W.

Total Depth of Probe -8.0 Feet

Hammer Wt. 300# Probe Started 6.25

Hammer Drop 18" Probe Completed 6.35

Drilled by Haskmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	1	very soft to	
	3		
	5	very stiff	
	15		
	20		
	21	very stiff to	Clean Probe Rods
	24		
	32	Hard	
	50/10	Refusal at -13.75 ft.	
		50/0"	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
Q11
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-Q11 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +7.5 of Water Surface M.L.W.

Elevation Top of Probe -5.8 M.L.W.

Elevation Top of Refusal -11.8 M.L.W.

Elevation Bottom of Probe -11.8 M.L.W.

Total Depth of Probe 6 Feet

Hammer Wt. 300# Probe Started 6:00

Hammer Drop 18" Probe Completed 6:05

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
5	WOH	V SOFT	
	5 8	MED. STIFF to STIFF	
	11 32		
	46	HARD	
7	50/0"	Boulder Refusal 50/0" at -11.8	possible boulder clean rods & probe upon completion

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83-1 Desig. ____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N ____ E ____

Elevation + 7.50 of Water Surface M.L.W.

Elevation Top of Probe -37.50 M.L.W.

Elevation Top of Refusal ---- M.L.W.

Elevation Bottom of Probe ---- M.L.W.

Total Depth of Probe ---- Feet

Hammer Wt. 300# Probe Started 4:30

Hammer Drop 18" Probe Completed 4:35

Drilled by HASSELMANN

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Lowered Probe Rods To 37.50 ft As per order of Mr. Roger Poisson, Project Engineer	Clean Probe Rods

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION R-2

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. R-2 FP-83- Desig. ____ Diam.Probe ROD AW-1 3/4"D

Coordinates: N ____ E ____

Elevation +7.50 of Water Surface M.L.W.

Elevation Top of Probe -27.75 M.L.W.

Elevation Top of Refusal ——— M.L.W.

Elevation Bottom of Probe ——— M.L.W.

Total Depth of Probe ——— Feet

Hammer Wt. 300# Probe Started 4:15

Hammer Drop 18" Probe Completed 4:20

Drilled by Hasselmann

Mfg. Des.Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Lowered Rods to -27.75 FT. As per order of Mr Roger Poisson, Project Engineer.	Clean Probe Rods

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION R-3

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. FP-83-A-3 Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 7.00 of Water Surface M.L.W.

Elevation Top of Probe -8.0 M.L.W.

Elevation Top of Refusal -33.0 M.L.W.

Elevation Bottom of Probe -33.0 M.L.W.

Total Depth of Probe -12.0 Feet

Hammer Wt. 300# Probe Started 3:55

Hammer Drop 18" Probe Completed 4:05

Drilled by Hasselmann

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
5'	WOH	very soft	
	23		
	19	stiff to very	
	7		
	13	stiff	
	25		
	25		
	49	Hard	Clean Probe
	50/0	Refusal at	Rock
		-33.0 ft.	
		50/0"	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
R-4
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. R-4 FP-83- Desig. _____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +7.75 of Water Surface M.L.W.

Elevation Top of Probe -17.25' M.L.W.

Elevation Top of Refusal -25.25 M.L.W.

Elevation Bottom of Probe -25.25 M.L.W.

Total Depth of Probe 8' Feet

Hammer Wt. 300# Probe Started 4:35

Hammer Drop 18" Probe Completed 4:55

Drilled by R Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	2 1	VERY SOFT	
	1 3		
5	5 11	MED STIFF	
	15 37		
10	50/0"	Refusal 50/0" at -25.25 ft.	possible boulder Clean probe & Rods upon completion

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
R-5
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83-R-5 Desig. ____ Diam. Probe ROD AW-1 3/4"D

Coordinates: N ____ E ____

Elevation +7.25 of Water Surface M.L.W.

Elevation Top of Probe -13.25 M.L.W.

Elevation Top of Refusal -21.25 M.L.W.

Elevation Bottom of Probe -21.25 M.L.W.

Total Depth of Probe 8' Feet

Hammer Wt. 300# Probe Started 4:10

Hammer Drop 18" Probe Completed 4:20

Drilled by R. Seymour

Mfg. Des. Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	8 10 13 9	MED STIFF to STIFF	
5	17 21 37	V. STIFF to Hard	
10	42 50/0"	Refusal 50/0" at -21.25 ft.	Clean probe & Rods
15			

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION
R-6
FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of 1 Pages

Probe No. ~~FP-83-~~ R-6 Desig. _____ Diam.Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 7' of Water Surface M.L.W.

Elevation Top of Probe -6.0 M.L.W.

Elevation Top of Refusal -6.0 M.L.W.

Elevation Bottom of Probe -6.0 M.L.W.

Total Depth of Probe 0 Feet

Hammer Wt. 300# Probe Started 3:55

Hammer Drop 18" Probe Completed 4:00

Drilled by R. Guyon

Mfg. Des.Drill ACKER ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	50/6"	Refusal at -6.0' ft. 50/0"	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. R-7 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation +1.25 of Water Surface M.L.W.

Elevation Top of Probe → 2.2 M.L.W.

Elevation Top of Refusal -2.2 M.L.W.

Elevation Bottom of Probe -2.2 M.L.W.

Total Depth of Probe 0 Feet

Hammer Wt. ___ Probe Started _____

Hammer Drop _____ Probe Completed _____

Drilled by _____

Mfg. Des. Drill _____

Inspected by: [illegible]

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Measured to depth of refusal surface at -2.2 ft MLW as per calibration	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. R3 Diam.Probe ROD _____

Coordinates: N _____ E _____

Elevation +1.5 of Water Surface M.L.W.

Elevation Top of Probe -0.9 M.L.W.

Elevation Top of Refusal -0.9 M.L.W.

Elevation Bottom of Probe -0.9 M.L.W.

Total Depth of Probe 0 Feet

Hammer Wt. ___ Probe Started _____

Hammer Drop _____ Probe Completed _____

Drilled by _____

Mfg. Des.Drill _____

Inspected by: [illegible]

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Measured to depth of bedrock surface at -0.9 ft MLW as per order of [illegible]	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. R9 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation +1.5 of Water Surface M.L.W.

Elevation Top of Probe -1.8 M.L.W.

Elevation Top of Refusal -1.8 M.L.W.

Elevation Bottom of Probe -1.8 M.L.W.

Total Depth of Probe _____ Feet

Hammer Wt. ____ Probe Started _____

Hammer Drop _____ Probe Completed _____

Drilled by _____

Mfg. Des. Drill _____

Inspected by: Peter L. Bertinelli

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Measured to depth of bedrock surface at -1.8 ft. MLW as per order of R. Brown.	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. [illegible] Diam.Probe ROD _____

Coordinates: N _____ E _____

Elevation +2.0 of Water Surface M.L.W.

Elevation Top of Probe -6.0 M.L.W.

Elevation Top of Refusal -6.0 M.L.W.

Elevation Bottom of Probe -6.0 M.L.W.

Total Depth of Probe 0 Feet

Hammer Wt. ____ Probe Started 2:00

Hammer Drop _____ Probe Completed 2:15

Drilled by T Campbell

Mfg. Des.Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Located Probe Refusal -6.0 ft Refusal -6.0 ft	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. [illegible] Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation [illegible] of Water Surface M.L.W.

Elevation Top of Probe [illegible] M.L.W.

Elevation Top of Refusal [illegible] M.L.W.

Elevation Bottom of Probe [illegible] M.L.W.

Total Depth of Probe 1.0 Feet

Hammer Wt. _____ Hammer Drop _____

Probe Started [illegible]

Probe Completed [illegible]

Drilled by [illegible]

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
	4	Very soft Refusal at 4.25 30/6" Hard	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. RR4 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation 120 of Water Surface M.L.W.

Elevation Top of Probe 0.00 M.L.W.

Elevation Top of Refusal 0.00 M.L.W.

Elevation Bottom of Probe 120 M.L.W.

Total Depth of Probe 0 Feet

Hammer Wt. ___ Hammer Drop _____

Probe Started 9:45

Probe Completed 9:55

Drilled by J CAMPBELL

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Lowered Probe Beds to -0.00 ft Refusal at -0.00 ft	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. PR-5 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation 6.50 of Water Surface M.L.W.

Elevation Top of Probe 4.50 M.L.W.

Elevation Top of Refusal 4.50 M.L.W.

Elevation Bottom of Probe -4.50 M.L.W.

Total Depth of Probe 0 Feet

Hammer Wt. ____ Probe Started 9.25

Hammer Drop _____ Probe Completed 9.50

Drilled by D. Doyle

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Lowered probe Rods To 4.50 Refusal 50%	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. RR-6 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation 6.25 of Water Surface M.L.W.

Elevation Top of Probe 4.25 M.L.W.

Elevation Top of Refusal 4.25 M.L.W.

Elevation Bottom of Probe 4.25 M.L.W.

Total Depth of Probe 0 Feet

Hammer Wt. ____ Hammer Drop _____

Probe Started 9:15

Probe Completed 9:30

Drilled by D. Doyle

Mfg. Des. Drill _____

Inspected by: _____

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Lowered Probe Rod To +4.25 Refusal 50/0	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. RR-7 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation +1.25 of Water Surface M.L.W.

Elevation Top of Probe +3.0 M.L.W.

Elevation Top of Refusal +3.0 M.L.W.

Elevation Bottom of Probe +3.0 M.L.W.

Total Depth of Probe _____ Feet

Hammer Wt. _____ Hammer Drop _____

Probe Started _____

Probe Completed _____

Drilled by _____

Mfg. Des. Drill _____

Inspected by: [illegible]

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Recorded depth of bed rock surface at +3.0 ft. MLW as per order of R. Kinsor	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site _____ Page 1 of ___ Pages

Probe No. _____ Desig. RL-8 Diam. Probe ROD _____

Coordinates: N _____ E _____

Elevation +1.75 of Water Surface M.L.W. [redacted]

Elevation Top of Probe +2.6 M.L.W. [redacted]

Elevation Top of Refusal +2.6 M.L.W. [redacted]

Elevation Bottom of Probe +2.6 [redacted] M.L.W.

Total Depth of Probe _____ Feet

Hammer Wt. _____ Probe Started _____

Hammer Drop _____ Probe Completed _____

Drilled by _____

Mfg. Des. Drill _____

Inspected by: Peter L. Billiards

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Measured to depth of beach surface at +2.6 ft. MLW as per order of R. Brown	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83- Desig. RR-9 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +1.25 of Water Surface M.L.W.

Elevation Top of Probe +1.2 M.L.W.

Elevation Top of Refusal +1.2 M.L.W.

Elevation Bottom of Probe +1.2 M.L.W.

Total Depth of Probe 0 Feet

Hammer Wt. 300# Hammer Drop 18" Probe Started _____ Probe Completed _____

Drilled by _____

Mfg. Des. Drill ACKER-AGE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		measured to depth of bedrock surface at +1.2 ft MLW as per order of G. Parson	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83- Desig. AR10 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation 1.25 of Water Surface M.L.W.

Elevation Top of Probe 1.4 M.L.W.

Elevation Top of Refusal -1.4 M.L.W.

Elevation Bottom of Probe -1.4 M.L.W.

Total Depth of Probe 0 Feet

Hammer Wt. 300# Probe Started _____

Hammer Drop 18" Probe Completed _____

Drilled by _____

Mfg. Des. Drill ACKER-ACE

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Removed to depth of the water surface at -1.4 ft. M.L.W. as per ref. G.T. Brace	

GENERAL REMARKS

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST PROBE

Site Portsmouth Harbor N.H.& ME Page 1 of ___ Pages

Probe No. FP-83- Desig. RR-11 Diam. Probe ROD AW-1 3/4"D

Coordinates: N _____ E _____

Elevation +1.25 of Water Surface M.L.W.

Elevation Top of Probe -3.3 M.L.W.

Elevation Top of Refusal -3.3 M.L.W.

Elevation Bottom of Probe -3.3 M.L.W.

Total Depth of Probe 0 Feet

Hammer Wt. ~~300#~~ Probe Started _____

Hammer Drop 18" Probe Completed _____

Drilled by _____

Mfg. Des. Drill ACKER ~~ACE~~

Inspected by: Peter Beblowski

Depth 1"=	Blows Per Foot	PROBING OPERATIONS	CLASSIFICATION OF MATERIALS
		Measured to depth of bedrock surface at -3.3 ft. MLW upon coring of bedrock	

GENERAL REMARKS

BORING LOGS FOR "AREA 1"

#4 (E)

CORPS OF ENGINEERS, U. S. ARMY
NEW ENGLAND DIVISION
Geotechnical Engineering Branch
FIELD LOG OF TEST BORING

Site Portsmouth Harbor, NH - ME

Page 1 of 4 Pages

Hole No FD-83-#4 Diam. (Casing) 3 1/4"

Boring Started 1:35 pm - 6:[illegible] 10/13/83

Co-ordinates: N 91854.42 E 342216.41

Boring Completed 10:15 AM 10/14/83

Drilled by Dave Doyle

Report Submitted

Purpose of Exploration To determine the rock surface along with the quality of the soil and rock to be removed for the proposed dredging at "Area I"

Elevation Top of Hole -13.0 M.L.W.

Total Overburden Drilled 14.0 Feet

Elevation Top of Rock -27.0 M.L.W.

Elevation Bottom of Hole -34.7 M.L.W.

Total Rock Drilled 7.7 Feet

Total Depth of Hole 21.7 Feet

Core Recovered 58 %

Core Recovered 4-5 Ft.; NX Diam. 3.25 In.

Soil Samples S-1 to 3 In. Diam. ____ No.

Soil Samples ____ In. Diam. ____ No.

Casing Left in Place — Feet

Water Surface at Start of Work
or
Water Table Depth +3.0'

Depth From	Depth To	Method of Drilling and Type of Bit Used
-13.0	-27.0	Drive Sample Boring
-27.0	-34.7	Rock Core with NX Bit - diamond

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Prepared by Peter Bellardi
Field Data

Lab. Data

Submitted by

ATTACHMENT 4A

FIELD LOG OF TEST BORING IN ROCK

SITE Portsmouth Harbor, NH - ME HOLE NO. FD-83-4 PAGE 2

DATE	DEPTH PT. FROM	DEPTH PT. TO	RUN PT.	RUN REC'V'Y PT.	REC'V'Y %	DRILLING BEHAVIOR: FEED PSI	DRILLING BEHAVIOR: WATER	DRILLING BEHAVIOR: REASON FOR PULL	ACTUAL DRILLING TIME	BIT NO. SIZE AND TYPE	ADDITIONAL REMARKS
10/13	-27.0	-29.0	2 ft.	1.1	54	300-350	no loss	Jammed Barrel	5min/ft.	NX	Vertical fracture jamming Barrel
"	-29.0	-30.7	1.7 ft.	1.0	60	" "	" "	" "	8 min/ft.	"	" " "
"	-30.7	-32.0	1.3 ft.	0.3	25	300-400	some loss of water	" "	15 min/ft.	"	" " "
"	-32.0	-33.5	1.5 ft.	0.8	53	300-450	slight loss of water	" "	20 min/ft.	"	" " " "
10/14	-33.5	-34.7	1.2 ft.	1.3	100+	300-450	some loss of water	Jammed barrel	25 min/ft.	NX	vertical fracture jam
"											hole collapsed & terminated after 1 hr 45 min. trying to reopen hole to last run elevation. Furthest advancement of the drill barrel was to -31.8 ft

TOTAL BED ROCK DRILLED 7.7 FEET

TOTAL BED ROCK RECOVERED 4.5 FEET

BED ROCK RECOVERY 58 PERCENT

DRILLER Dave Doyle

INSPECTOR Peter J. Bellinelli

NED FORM DEC 81, 130

ATTACHMENT A

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST BORING

Site Portsmouth Harbor, NH-ME — Page 3 of 4 Pages

Boring No. FD-83-4 — Desig. FD-E — Diam. (Casing) 3 1/4"

Co-ordinates: N 91854.12 — E 342216.41

Elevation Top of Boring -13.0 M.L.W.
Total Overburden Drilled 14 Feet
Elevation Top of Rock -27.0 M.L.W.
Total Rock Drilled 7.7 Feet
Elevation Bottom of Boring -34.7 M.L.W.
Total Depth of Boring 21.7 Feet
Core Recovered 58 % No. Boxes 1
Core Recovered 4.5 Ft: NX Diam. 3.25 In.
Soil Samples ____ In. Diam. ____ No.
Soil Samples ____ In. Diam. ____ No.

Hammer Wt. 300
Hammer Drop 18"
Casing Left —
Subsurface Water Data: — Page —
Obs. Well —
Drilled By DAVE DOYLE
Mfg. Des. Drill Acker ARC
Inspected By: Peter Bebbowski
Classification By: PLB
Classification By: PLB

Boring Started 1:35 10/13
Boring Completed 10:15 10/14

DEPTH	1"=5'	CORE/SAMPLE NO.	SIZE	DEPTH RANGE	BLOWS PER FT. / CORE RECV'Y	SAMPLING AND CORING OPERATIONS	CLASSIFICATION OF MATERIALS
-13		S-1			2, 4, 5, 5, 4	Soft	Black to Dk. Gray SW (coarse med. sand & fine gravel)
-18		S2			6, 62, 20, 46, 67	Soft - very dense	Gray - SM-SW (fine sand some silt med sand, little fine gravel, trace cobbles.)
-23		S-3			21, 52, 29, 61	dense to very dense	Same as above, with layers of Brown SW (med. fine sand.)
-27		#1	NX	2.0	1.1'	difficult coring due to core Barrel jamming	blk-dk gray meta-siltstone, trace Fe staining, vert. fract. prevalent & trace calcite veins.
-29		#2	"	1.7	1.0	"	"
-30.7		#3	"	1.8	0.3	loss of water	" plus Fe stained chips
-33.5		#4	"	1.5	0.8	difficult coring due to core Barrel jamming	see Run #1
-39.7		#5	"	1.2	1.3	"	" plus extra chips & gravel from side wall!
		#6				→ Boring terminated due to inability of advancement of core barrel past elevation -31.8	

GENERAL REMARKS:

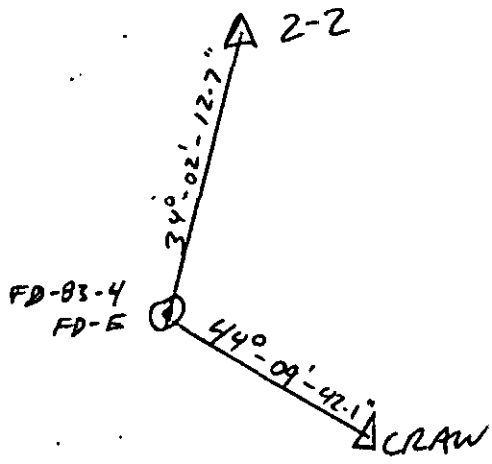
Site: Portsmouth Hbr., NH-ME
Boring No: FD-83-4

SUBSURFACE WATER OBSERVATIONS

DATE	TIME	DEPTH-BOT. OF CASING	DEPTH-BOT. OF BORING	DEPTH TO WATER	ELEVATION WATER	REMARKS

Note: Depths are in feet below original ground

BORING LOCATION SKETCH



#5 (F)

CORPS OF ENGINEERS, U. S. ARMY
NEW ENGLAND DIVISION
Geotechnical Engineering Branch

FIELD LOG OF TEST BORING

Site Portsmouth Harbor, NH - ME

Page 1 of 1 Pages

Hole No FD-83-5 Diam. (Casing) 3½"

Boring Started 10:45 AM 10/14

Co-ordinates: N 91647.95 E 342216.84

Boring Completed 2:30 PM 10/14

Drilled by Ron. Campbell

Report Submitted

Purpose of Exploration To determine the rock surface along with the quality of the soil and rock to be removed for the proposed dredging at "Area I"

Elevation Top of Hole -13.0 ft. M.L.W.

Total Overburden Drilled 27.0 Feet

Elevation Top of Rock — M.L.W.

Elevation Bottom of Hole -40.0 M.L.W.

Total Rock Drilled — Feet

Total Depth of Hole 27.0 Feet

Core Recovered — %

Core Recovered — Ft.; — Diam. — In.

Soil Samples S-1 to 6 In. Diam. — No.

Soil Samples — In. Diam. — No.

Casing Left In Place — Feet

Water Surface at Start of Work
or
Water Table Depth +3.0 ft.

Depth From	Depth To	Method of Drilling and Type of Bit Used
-13.0	-40.0	Drive Sample Boring.

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Prepared by Peter Bellardi
Field Data

Lab. Data

Submitted by

ATTACHMENT 4A

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST BORING

Site Portsmouth Harbor, NH-ME — Page 2 of 4 Pages

Boring No. FD-83-5 (5) Desig. FD-F (FDF) Diam. (Casing) 3 1/4"

Co-ordinates: N 91647.95 E 342216.84

Elevation Top of Boring -13.0 M.L.W.
Total Overburden Drilled 27.0 Feet
Elevation Top of Rock — M.L.W.
Total Rock Drilled — Feet
Elevation Bottom of Boring -40.0 M.L.W.
Total Depth of Boring 27.0 Feet
Core Recovered — % No. Boxes —
Core Recovered — Ft. — Diam. — In.
Soil Samples S-1 to 6 In. Diam. — No.
Soil Samples — In. Diam. — No.

Hammer Wt. 300 lb. Boring Started 10:45 9/14
Hammer Drop 18"
Boring Completed 2:30 9/14
Casing Left —
Subsurface Water Data — Page —
Obs. Well —
Drilled By Don Campbell
Mfg. Des. Drill Acker Air
Inspected By: Peter Bob Gaudette
Classification By: PLB
Classification By: PLB

DEPTH	CORE/SAMPLE NO.	SIZE	DEPTH RANGE	BLOWS PER FT. / CORE REC'VY	SAMPLING AND CORING OPERATIONS	CLASSIFICATION OF MATERIALS
1" = 5'						
	S-1		5.0	WOH 2 2 2 1	Soft	Brown SW (fine & med sand & shells)
-18						
	S-2		5.0	2 3 3 2 3	Soft	Brown - Gray SW (fine sand & some med sand & shell organic odor)
-23						
	S-3		5.0	WOH 2 3 3 5	Soft	Gray - CL (clay some silt & fine sand, trace gravel, trace fine sand brown)
-28						
	S-4		5.0	7 15 18 18 19	Very firm	Gray with brown lenses CL (clay with some silt & fine sand, trace to little gravel)
-33						
	S-5		5.0	3 3 4 5 11	soft - firm	Gray & Brown CL-SM (clay with fine sand & silt, trace - little gravel
-38						

GENERAL REMARKS:

Site	Boring No.	Page 3 of 4
Portsmouth Hbr., NH-ME	FD-83-5	

DEPTH	CORE/SAMPLE NO.	SIZE	DEPTH RANGE	BLOWS PER FT / CORE REC'VY	SAMPLING AND CORING OPERATIONS	CLASSIFICATION OF MATERIALS
	5-6		2.0	13 16	Fine	Gray CL (clay with some silt & little fine sand)
-40					Boring terminated at -40.0 ft MLW.	

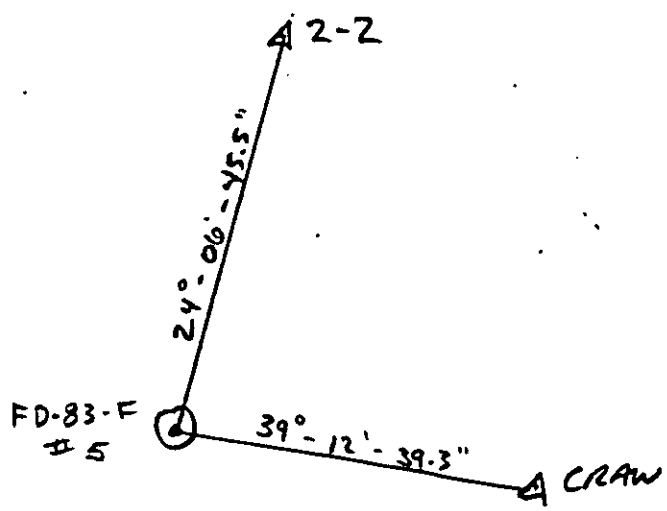
Site: Portsmouth Hbr., NH-ME
Boring No: FD-83-5

SUBSURFACE WATER OBSERVATIONS

DATE	TIME	DEPTH-BOT. OF CASING	DEPTH-BOT. OF BORING	DEPTH TO WATER	ELEVATION WATER	REMARKS
—	—	—	—	—	—	—

Note: Depths are in feet below original ground

BORING LOCATION SKETCH



#6 (A)

CORPS OF ENGINEERS, U. S. ARMY
NEW ENGLAND DIVISION
Geotechnical Engineering Branch
FIELD LOG OF TEST BORING

Site Portsmouth Harbor, NH - ME

Page 1 of 5 Pages

Hole No FD-83-6 Diam. (Casing) 3 1/4

Boring Started 8:45 10/17

Co-ordinates: N 92525.88 E 341749.97

Boring Completed 6:00 PM 10/17

Drilled by Don Campbell

Report Submitted

Purpose of Exploration To determine the rock surface along with the quality of the soil and rock to be removed for the proposed dredging at "Area I"

Elevation Top of Hole -23.25 M.L.W.

Casing Left in Place — Feet

Total Overburden Drilled 2 Feet

Elevation Top of Rock -25.25 M.L.W.

Elevation Bottom of Hole -35.0 M.L.W.

Total Rock Drilled 9.75 Feet

Total Depth of Hole 11.75' Feet

Core Recovered 73 %

Core Recovered 7.15 Ft.: ____ Diam. ____ In.

Soil Samples 5-1 In. Diam. ____ No.

Soil Samples — In. Diam. — No.

Water Surface at Start of Work
or
Water Table Depth +6.75

Depth From	Depth To	Method of Drilling and Type of Bit Used
-23.25	-25.25	Drive Sample Boring
-25.25	-35.0	Rock Core with NX Bit - Diamond

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		Page ____

Prepared by Peter Bebbington
Field Data

Lab. Data

Submitted by

ATTACHMENT 4A

FIELD LOG OF TEST DRILLING IN ROCK

SITE Portsmouth Harbor, NH - ME ROLE NO. ED-83-6 PAGE 2 of 5

DATE	RUN	DEPTH PT. FROM	DEPTH PT. TO	RUN PT.	RUN REC'V'Y PT.	REC'V'Y %	DRILLING BEHAVIOR: FEED	DRILLING BEHAVIOR: WATER	DRILLING BEHAVIOR: REASON FOR PULL	ACTUAL DRILLING TIME	BIT NO. SIZE AND TYPE	ADDITIONAL REMARKS
10/17	①	-25.25	-25.75	0.5'	0.5'	100	200 psi	no loss	barrel jammed	8/ft.	NX	
	②	-25.75	-26.75	1.0'	1.25'	100+	300	no loss	"	10 min/ft	"	
	③	-26.75	-28.75	2.0'	1.4'	70	200	no loss	"	15 min/ft	"	
	④	-28.75	-30.25	1.5'	1.3	87	"	loss at 29.5'	"	20 min/ft	"	
	⑤	-30.25	-32.1	1.8'	1.0	56	"	no loss	"	15 min/ft	"	
	⑥	-32.1	-35.0	2.9'	1.7	59	200-300	slight loss	"	10 min/ft x 2' 25 min/ft x 1	"	Actual time drilling 1 hr 05 min/2.9 ft. extra time due to barrel jamming.

Boring & Coring operation Terminated due to darkness & need for the barge to overlight outside the main channel area.

TOTAL BED ROCK DRILLED 9.75 FEET

TOTAL BED ROCK RECOVERED 7.15 FEET

BED ROCK RECOVERY 73 PERCENT

DRILLER Ron Campbell

INSPECTOR Peter L. Gilbertie

NED FORM DEC 81 130

ATTACHMENT A

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST BORING

Site Portsmouth Harbor, NH-ME Page 3 of 5 Pages

Boring No. FD-83-6 Desig. FD Diam. (Casing)

Co-ordinates: N 92525.88 E 341799.97

Elevation Top of Boring _____ M.L.W. Hammer Wt. _____ Boring Started _____

Total Overburden Drilled _____ Feet Hammer Drop _____ Boring Completed _____

Elevation Top of Rock _____ M.L.W. Casing Left _____

Total Rock Drilled _____ Feet Subsurface Water Data _____ Page _____

Elevation Bottom of Boring _____ M.L.W. Obs. Well _____

Total Depth of Boring _____ Feet Drilled By _____

Core Recovered _____ % No. Boxes _____ Mfg. Des. Drill _____

Core Recovered _____ Ft : NX Diam. _____ In. Inspected By: _____

Soil Samples S-1 In. Diam. _____ No. Classification By: _____

Soil Samples _____ In. Diam. _____ No. Classification By: _____

DEPTH		CORE/SAMPLE NO.	SIZE	DEPTH RANGE	BLOWS PER FT. / CORE REC'VY	SAMPLING AND CORING OPERATIONS	CLASSIFICATION OF MATERIALS
				2.0			
						100%	
						← 100%	
						1.9/20 100%	
						1.3/1.5 100%	
						1.0/1.8 100%	
		#6	11			SEE NEXT PAGE	

GENERAL REMARKS:

Site	Boring No.	Page 4 of 5
Portsmouth Hbr., NH-ME	FD-83- 6	

DEPTH	CORE/SAMPLE				SAMPLING AND CORING OPERATIONS	CLASSIFICATION OF MATERIALS
	NO.	SIZE	DEPTH RANGE	BLOWS PER FT / CORE REC'VY		
					1.7 / 2.9 (.00)[illegible]	

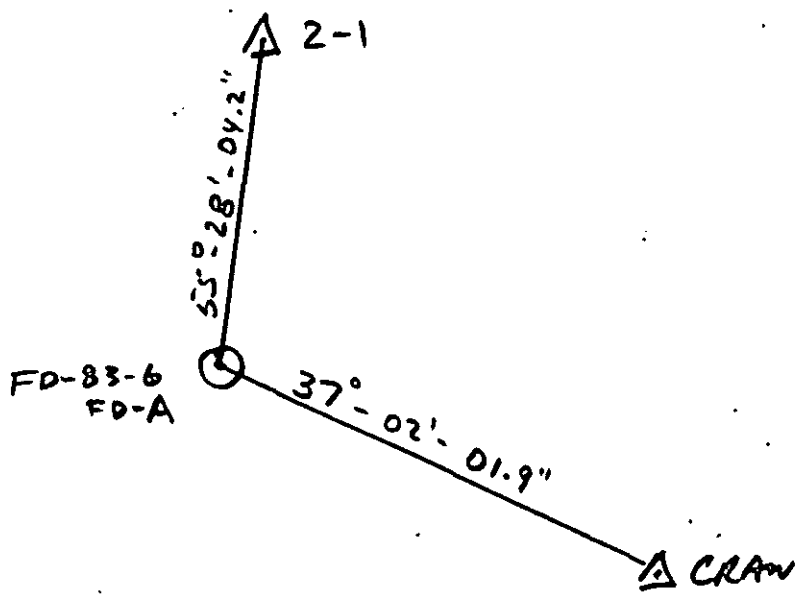
Site: Portsmouth Hbr., NH-ME
Boring No: FD-83-6

SUBSURFACE WATER OBSERVATIONS

DATE	TIME	DEPTH-BOT. OF CASING	DEPTH-BOT. OF BORING	DEPTH TO WATER	ELEVATION WATER	REMARKS

Note: Depths are in feet below original ground

BORING LOCATION SKETCH



(B)

CORPS OF ENGINEERS, U. S. ARMY
NEW ENGLAND DIVISION
Geotechnical Engineering Branch
FIELD LOG OF TEST BORING

#7

Site Portsmouth Harbor, NH - ME

Page 1 of 4 Pages

Hole No FD-83-7 Diam. (Casing) 3½"

Boring Started 7:30 10/18/83

Co-ordinates: N 92278.21 E 342057.87

X Boring Completed 11:40 10/18/83

Drilled by Don Campbell

Report Submitted

Purpose of Exploration To determine the rock surface along with the quality of the soil and rock to be removed for the proposed dredging at "Area ± "

Elevation Top of Hole -1.75 M.L.W.

Total Overburden Drilled -38.5 Feet

Elevation Top of Rock — M.L.W.

Elevation Bottom of Hole -40.25 M.L.W.

Total Rock Drilled — Feet

Total Depth of Hole -58.5 Feet

Core Recovered — %

Core Recovered — Ft.; — Diam. — In.

Soil Samples S-1 to 8 In. Diam. — No.

Soil Samples — In. Diam. — No.

Casing Left in Place — Feet

Water Surface at Start of Work
or
X Water Table Depth +5.25

Depth From	Depth To	Method of Drilling and Type of Bit Used
-1.75	-40.25	Drive Sample Boring

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Prepared by Peter Bellanti
Field Data

Lab. Data

Submitted by

ATTACHMENT 4A

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST BORING

Site Portsmouth Harbor, NH-ME — Page 2 of 4 Pages

Boring No. FD-83-7 Desig. FD-B Diam. (Casing) 3 1/4"

Co-ordinates: N 92278.21 E 342057.87

Elevation Top of Boring -1.75 M.L.W.
Total Overburden Drilled 38.5 Feet
Elevation Top of Rock — M.L.W.
Total Rock Drilled — Feet
Elevation Bottom of Boring -40.25 M.L.W.
Total Depth of Boring 38.5 Feet
Core Recovered — % No. Boxes —
Core Recovered — Ft: — Diam. — In.
Soil Samples S-1 to 8 In. Diam. — No.
Soil Samples — In. Diam. — No.

Hammer Wt. 300
Hammer Drop 18"
Casing Left —
Subsurface Water Data — Page —
Obs. Well —
Drilled By Don Campbell
Mfg. Des. Drill Acker Arctic
Inspected By: Peter Z. Bellhouse
Classification By: RB
Classification By: RB

Boring Started 8:05 AM 10/18
Boring Completed 12:00 PM

DEPTH	1" = 5'	CORE/SAMPLE NO.	SIZE	DEPTH RANGE	BLOWS PER FT. / CORE REC'VY	SAMPLING AND CORING OPERATIONS	CLASSIFICATION OF MATERIALS
-3.75		S-1		2.0	6, 3	soft	Black-dk gray OL-PT (highly organic silt & clay).
-6.75		S-1A		3.0	11, 13, 30	firm to hard	medium gray MH-SM (fine sand & silt, little-trace clay, trace gravel & med. sand.)
-11.75		S-2		5.0	36, 48, 46, 47, 43	hard to very hard	Med. Gray SM (fine sand & silt, little med sand, trace clay & gravel.)
-16.75		S-3		5.0	18, 13, 12, 14, 17	hard	brownish gray SW (fine & medium sand, little-trace silt, coarse sand & gravel)
-21.75		S-4		5.0	52, 22, 16, 16, 23	hard to firm	brownish gray SW (fine & medium sand, little coarse sand, little to trace silt & gravel & trace cobble)
-26.75		S-5		5.0	20, 18, 14, 11, 12	firm to hard	brownish gray SW (med & coarse sand, little fine sand, trace silt & gravel.

GENERAL REMARKS:

Site	Boring No.	Page 3 of 4
Portsmouth Hbr., NH-ME	FD-83-7	

DEPTH	CORE/SAMPLE NO.	SIZE	LENGTH/INCH	BLOWS PER FT / CORE REC'VY	SAMPLING AND CORING OPERATIONS	CLASSIFICATION OF MATERIALS
-26.75	S-6		5.0	14, 11, 11, 9, 8	fine to hard	Brownish gray SW - (fine & med sand, little silt & coarse sand trace gravel.)
-31.75	S-7		5.0	22, 25, 27, 31, 58	hard - very hard	Brownish gray SW (fine & med sand, little silt, coarse sand & gravel.)
-36.75	S-8		3.5	99, 102, 82, 56/6"	very hard No recovery cobble?	—
-40.25					Boring terminated at -40.25 ft. MLW	

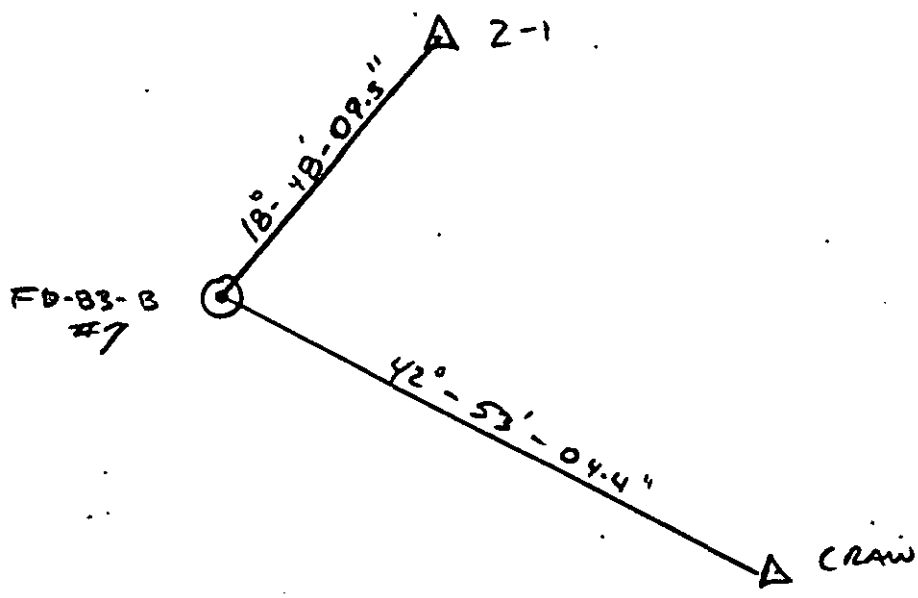
Site: Portsmouth Hbr., NH-ME
Boring No: FD-83-7

SUBSURFACE WATER OBSERVATIONS

DATE	TIME	DEPTH-BOT. OF CASING	DEPTH-BOT. OF BORING	DEPTH TO WATER	ELEVATION WATER	REMARKS

Note: Depths are in feet below original ground

BORING LOCATION SKETCH



(D)

CORPS OF ENGINEERS, U. S. ARMY
NEW ENGLAND DIVISION
#8 Geotechnical Engineering Branch
FIELD LOG OF TEST BORING

Site Portsmouth Harbor, NH - ME — Page 1 of 5 Pages

Hole No FD-83-8 Diam. (Casing) 3 1/4" — Boring Started 11:00 AM 10/18

Co-ordinates: N 92072.49 E 342264.45 — Boring Completed 5:00 PM 10/18

Drilled by Dave Doyle — Report Submitted

Purpose of Exploration To determine the rock surface along with the quality of the soil and rock to be removed for the proposed dredging at "Area I"

Elevation Top of Hole +1.0 M.L.W.
Total Overburden Drilled 25.0 Feet
Elevation Top of Rock -24.0 M.L.W.
Elevation Bottom of Hole -33.5 M.L.W.
Total Rock Drilled 9.5 Feet
Total Depth of Hole 34.5 Feet
Core Recovered 42 %
Core Recovered 3.9 Ft.: NX Diam. ____ in.
Soil Samples ____ in. Diam. ____ No.
Soil Samples ____ in. Diam. ____ No.

Casing Left In Place — Feet

Water Surface at Start of Work
or
Water Table Depth +4.0

Depth From	Depth To	Method of Drilling and Type of Bit Used
+1.0	-24.0	Drive Sample Boring
-24.0	-33.5	Rock Core with NX Bit - diamond

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Prepared by Peter Bebbowski
Field Data — Lab. Data

Submitted by

ATTACHMENT 4A

FIELD LOG OF TEST BORING IN ROCK

SITE Portsmouth Harbor, NH - ME HOLE NO. ED-83-8 PAGE

DATE	DEPTH PT. FROM	DEPTH PT. TO	RUN PT.	RUN REC'V'Y PT.	REC'V'Y %	DRILLING BEHAVIOR: PEED	DRILLING BEHAVIOR: WATER	DRILLING BEHAVIOR: REASON FOR PULL	ACTUAL DRILLING TIME	BIT NO. SIZE AND TYPE	ADDITIONAL REMARKS
	-24.0	-26.0	2.0	0.54	27	Normal	~~stopped~~ none	barrel jammed	8-10 min/ft	NX	Bit chattered & jumped excessively due to vertical & full vertical fractures in rock mass.
	-26.0	-27.5	1.5	0.9	60		"		12-14	"	
	-27.5	-29.0	1.5	0.85	57		"		10-12	"	
	-29.0	-32.0	3.0	0.9	30		"		10-14	"	
	-32.0	-33.5	1.5	0.75	50		"		14-16 min/ft	"	

TOTAL BED ROCK DRILLED 9.5 FEET

TOTAL BED ROCK RECOVERED 3.9 FEET

BED ROCK RECOVERY 42 PERCENT

DRILLER Dave Doyle

INSPECTOR P. Bakowski

NED FORM DEC 81 130

ATTACHMENT A

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST BORING

Site Portsmouth Harbor, NH-ME Page 3 of 5 Pages

Boring No. FD-83-8 (FD D) Desig. FD-D Diam. (Casing) 3 1/4"

Co-ordinates: N 92072.49 E 342264.45

Elevation Top of Boring +1.0 M.L.W.
Total Overburden Drilled 25 Feet
Elevation Top of Rock -24.0 M.L.W.
Total Rock Drilled 9.5 Feet
Elevation Bottom of Boring -33.5 M.L.W.
Total Depth of Boring 34.5 Feet
Core Recovered 42 % No. Boxes 1
Core Recovered 3.9 Ft : NX Diam. ___ In.
Soil Samples S-1 to 5 In. Diam. ___ No.
Soil Samples ___ In. Diam. ___ No.

Hammer Wt. 300 Boring Started 11:00 AM
Hammer Drop 18"
Casing Left —
Boring Completed 5:00 PM
Subsurface Water Data — : Page —
Obs. Well —
Drilled By DAVE DOYLE
Mfg. Des. Drill Acker
Inspected By: R. Bobkowski
Classification By: PCB
Classification By: ___

DEPTH (1" = 5')	CORE/SAMPLE NO.	SIZE	DEPTH RANGE	BLOWS PER FT. / CORE REC'VY	SAMPLING AND CORING OPERATIONS	CLASSIFICATION OF MATERIALS
	S-1		5.0	WOH	Very soft	Black - dk Gray OL (trace organics, silt & gravel bits from shell frags.)
-4.0	S-2		5.0	5 9 9 12 17	firm	Black - Gray CL (clay v. 2 trace sand & v. f. gravel.)
-9.0	S-3		5.0	17 19 25 18 14	v. firm	Gray - brownish brown CL-SM (silt with some clay & v. f. sand).
-14	S-4		5.0	23 21 17 12 14	v. firm	Brown - SM (coarse & med. sand, trace silt & v. fine sand.)
-19	S5		5.0	20 27 39 37 29	hard	Gray - dk ~~Brownish~~ Brownish gray GM (fine sand, silt, & gravel trace clay & cobbles)
-24						

GENERAL REMARKS:

Site	Boring No.	Page 4 of 5
Portsmouth Hbr., NH-ME	FD-83-B	

DEPTH		CORE/SAMPLE NO	SIZE	DEPTH RANGE	BLOWS PER FT / CORE REC'VY	SAMPLING AND CORING OPERATIONS	CLASSIFICATION OF MATERIALS
-24	1.51	#1	NX	2.0	0.54	heavy chattering & bouncing of the bit.	Blk - dk. gray slate - with siltstone with v. thin veins of calcite, predominant vert. fracturing & cleavage.
-26		#2	"	1.5	0.9	"	"
-27.5		#3	"	1.5	0.85	"	"
-29		#4	"	3.0	0.9	excessive chattering of the bit.	"
-32		#5	"	1.5	0.75	heavy chattering & bouncing of the bit	" & piece of a black basaltic - gabbro at the end of the run.
-33.5						Boring terminated at -33.5 MLW	

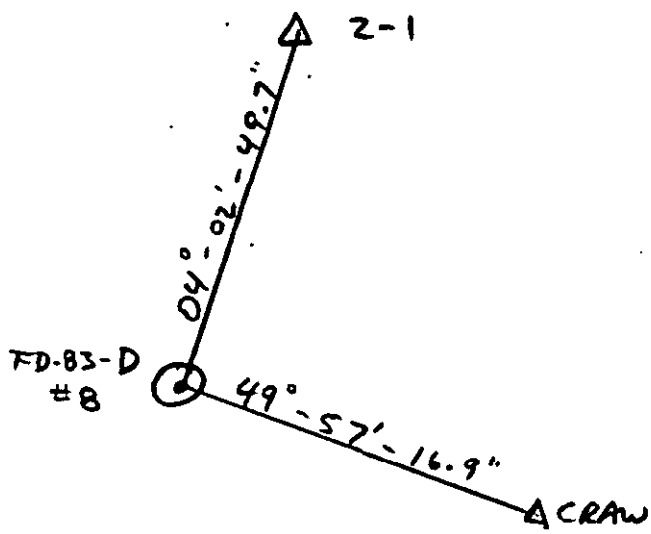
Site: Portsmouth Hbr., NH-ME
Boring No: FD-83-8

SUBSURFACE WATER OBSERVATIONS

DATE	TIME	DEPTH-BOT. OF CASING	DEPTH-BOT. OF BORING	DEPTH TO WATER	ELEVATION WATER	REMARKS

Note: Depths are in feet below original ground

BORING LOCATION SKETCH



#9 (H)

CORPS OF ENGINEERS, U. S. ARMY
NEW ENGLAND DIVISION
Geotechnical Engineering Branch

FIELD LOG OF TEST BORING

Site Portsmouth Harbor, NH - ME

Page 1 of 4 Pages

Hole No. FD-83-9 Diam. (Casing) 3¼"

Boring Started 8:20 AM 10/19

Co-ordinates: N 90881.4 E 342399.2

Boring Completed 4:55 PM 10/19

Drilled by Don Campbell

Report Submitted

Purpose of Exploration To determine the rock surface along with the quality of the soil and rock to be removed for the proposed dredging at "Area I"

Elevation Top of Hole -6.0 M.L.W.

Casing Left In Place — Feet

Total Overburden Drilled 0 Feet

Elevation Top of Rock -6.0 M.L.W.

Elevation Bottom of Hole -18.2 M.L.W.

Total Rock Drilled 12.2 Feet

Total Depth of Hole 12.2 Feet

Core Recovered 75 %

Core Recovered 9.1 Ft.: NX & BX Diam. — In.

Soil Samples — In. Diam. — No.

Soil Samples — In. Diam. — No.

Water Surface at Start of Work
or
Water Table Depth +6.0

Depth From	Depth To	Method of Drilling and Type of Bit Used
-6.0	-10.2	Rock Core with NX Bit - diamond
-10.2	-18.2	Rock Core with BX Bit - diamond

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Prepared by Peter Bobbardi
Field Data

Lab. Data

Submitted by

ATTACHMENT 4A

#9

FIELD LOG OF TEST BORING IN ROCK

SITE Portsmouth Harbor, NH - ME HOLE NO. FD-83-9 PAGE 2

DATE	DEPTH FT. FROM	DEPTH FT. TO	RUN FT.	RUN REC'V'Y FT.	REC'V'Y %	DRILLING BEHAVIOR: FEED PSI	DRILLING BEHAVIOR: WATER	DRILLING BEHAVIOR: REASON FOR PULL	ACTUAL DRILLING TIME	BIT NO. SIZE AND TYPE	ADDITIONAL REMARKS
10/19	-6.0'	-9.0'	3.0	1.6 (14")	53	200	no loss	jammed barrel	2 hrs.	NX	10-35 min/ft.
	-9.0'	-10.2'	1.2	1.3	100+	200	no loss	jammed barrel	20 min	"	15 min/ft.
	X	X									decided to make next run with BX core.
	-10.2'	-14.2'	4.0	3.3	83	200	no loss	jammed barrel	45 min	BX	5-12 min/ft.
	-14.2'	-16.2'	2.0	1.5	75	200	no loss	Forced to remove casing due to hole			
	-16.2	-17.7	1.5	1.4	93	200	no loss	jammed barrel	35 min	"	
	-17.7	-18.2	0.5	0	0	200	"	"	35 min	"	
								Barrel jammed		BX	couldn't advance core. Boring terminated due to grouting of bit head.

TOTAL BED ROCK DRILLED 12.2 FEET

TOTAL BED ROCK RECOVERED 9.1 FEET

BED ROCK RECOVERY 75% PERCENT

DRILLER Don. Campbell

INSPECTOR Peter T. Bobkowski

NED FORM DEC 81 130

ATTACHMENT A

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST BORING

Site Portsmouth Harbor, NH-ME — Page 3 of 34 Pages

Boring No. FD-83-9 #9 — Desig. FD-H — Diam. (Casing) 3 1/4

Co-ordinates: N 90881.4 — E 342399.2

Elevation Top of Boring -6.0 M.L.W.
Total Overburden Drilled 0 Feet
Elevation Top of Rock -6.0 M.L.W.
Total Rock Drilled 12.2 Feet
Elevation Bottom of Boring -18.2 M.L.W.
Total Depth of Boring 12.2 Feet
Core Recovered 75 % No. Boxes 2
Core Recovered 9.1 Ft : NX & BX Diam. — In.
Soil Samples — In. Diam. — No.
Soil Samples — In. Diam. — No.

Hammer Wt. 300
Hammer Drop 18"
Casing Left —
Subsurface Water Data — Page —
Obs. Well —
Drilled By Don Campbell
Mfg. Des. Drill Acker Aze
Inspected By: Peter Y. Bellinoli
Classification By: PLB
Classification By: PLB

Boring Started 8:20Am 10/19
Boring Completed 4:45 10/19

DEPTH		CORE/SAMPLE NO.	SIZE	DEPTH RANGE	BLOWS PER FT. CORE REC'VY	SAMPLING AND CORING OPERATIONS	CLASSIFICATION OF MATERIALS
-9.0		#1	NX	3.0	1.6	10-35 min/ft 2hr. Total time, Barrel jammed	Black - Dk. Gray Meta-siltstone to quartzite, with trace vertical & sub-vertical fractures, trace Fe staining.
-10.2		#2	"	1.2	1.3	20min Total time, Barrel jammed	"
-14.2		#3	BX	4.0	3.3	Decided to use BX core to enhance the recovery & hopefully to get longer core runs. Quality of core improved markedly	"
-16.2		#4	"	2.0	1.5	"	"
-17.7		#5	"	1.5	1.4	"	"
		#6	"	0.5	0	Barrel jammed & NO	Recovery —

Terminated at -18.2 MLW at end of day, because barge couldn't be left in channel.

GENERAL REMARKS: Mid-day lost 1½ hrs due to request by approaching ship to move out of channel way. Pulled tools & prepared to pull casing if necessary. Ship passed without incident, moved to pull casing. Work continued.

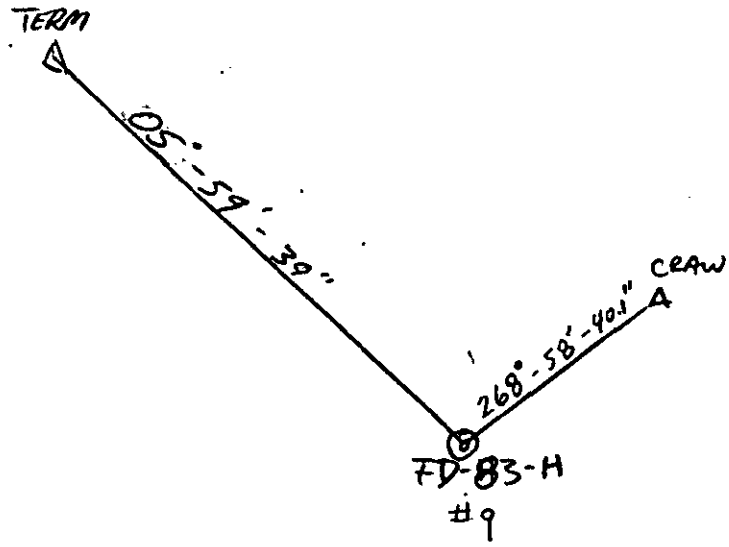
Site: Portsmouth Hbr., NH-ME
Boring No: FD-83-9

SUBSURFACE WATER OBSERVATIONS

DATE	TIME	DEPTH-BOT. OF CASING	DEPTH-BOT. OF BORING	DEPTH TO WATER	ELEVATION WATER	REMARKS

Note: Depths are in feet below original ground

BORING LOCATION SKETCH



#10 (G)

CORPS OF ENGINEERS, U. S. ARMY
NEW ENGLAND DIVISION
Geotechnical Engineering Branch

FIELD LOG OF TEST BORING

Site Portsmouth Harbor, NH - ME

Page 1 of 1 Pages

Hole No FD-83-10 Diam. (Casing) 3/4"

Boring Started 505 PM 10/19

Co-ordinates: N 91187.16 E 342242.16

Boring Completed 1205 AM 10/20

Drilled by Dave Boyle

Report Submitted

Purpose of Exploration To determine the rock surface along with the quality of the soil and rock to be removed for the proposed dredging at "Area I"

Elevation Top of Hole -17.5 M.L.W.

Casing Left in Place — Feet

Total Overburden Drilled 10 Feet

Elevation Top of Rock -27.5 M.L.W.

Elevation Bottom of Hole -35.75 M.L.W.

Total Rock Drilled 8.25 Feet

Total Depth of Hole 18.25 Feet

Core Recovered 52 %

Core Recovered 4.3 Ft.; ____ Diam. ____ In.

Soil Samples ____ In. Diam. ____ No.

Soil Samples ____ In. Diam. ____ No.

Water Surface at Start of Work
or
Water Table Depth + 0.5

Depth From	Depth To	Method of Drilling and Type of Bit Used
-17.5	-27.5	Drive Sample Boring
-27.5	-35.75	Rock Core with NX BIT-diamond

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Prepared by Peter Bebkowski
Field Data

Lab. Data

Submitted by

ATTACHMENT 4A

FIELD LOG OF TEST BORING IN ROCK

SITE Portsmouth Harbor, NH - ME HOLE NO. FD-83-10 PAGE 2

DATE	DEPTH PT. FROM	DEPTH PT. TO	RUN PT.	RUN REC'V'Y PT.	REC'V'Y %	DRILLING BEHAVIOR: FEED	DRILLING BEHAVIOR: WATER	DRILLING BEHAVIOR: REASON FOR PULL	ACTUAL DRILLING TIME	BIT NO. SIZE AND TYPE	ADDITIONAL REMARKS
10/19	-22.5	-32.5	5.0	2.4 (29)	48%	250	no loss	full stroke	1:25 min	NX	1-2' 7 min/ft 2-4' 10-15 min/ft 4-5' 25 min/ft
"	-32.5	-35.75	3.25	1.9	58%	200-400	no loss	jammed barrel	1:20 min	"	1-2' 10-15 min/ft @ 200 psi 2-3 35 min/ft 3-3.25 20 min/ft

TOTAL BED ROCK DRILLED 8.25 FEET

TOTAL BED ROCK RECOVERED 4.3 FEET

BED ROCK RECOVERY 52 PERCENT

DRILLER Dave Doyle

INSPECTOR Peter T. Bellardi

NED FORM DEC 81 130

ATTACHMENT A

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST BORING

Site Portsmouth Harbor, NH-ME — Page 3 of 4 Pages

Boring No. FD-83-10 Desig. FD-G Diam. (Casing) 3-1/4"

Co-ordinates: N 91187.16 E 342242.16

#10

Elevation Top of Boring -17.50 M.L.W.
Total Overburden Drilled 10 Feet
Elevation Top of Rock -27.5 M.L.W.
Total Rock Drilled 8.25 Feet
Elevation Bottom of Boring -35.75 M.L.W.
Total Depth of Boring 18.25 Feet
Core Recovered 52 % No. Boxes 1
Core Recovered 4.3 Ft. ____ Diam. ____ In.
Soil Samples ____ In. Diam. ____ No.
Soil Samples ____ In. Diam. ____ No.

Hammer Wt. 300 Boring Started 505 AM 10/9
Hammer Drop 18" Boring Completed 1205 AM 10/10
Casing Left —
Subsurface Water Data — Page —
Obs. Well —
Drilled By Dave Doyle
Mfg. Des. Drill Acker Bee
Inspected By: Peter Z. Bellantoni
Classification By: PLB
Classification By: ____

DEPTH	1" = 5'	CORE/SAMPLE NO.	SIZE	DEPTH RANGE	BLOWS PER FT. / CORE REC'VY	SAMPLING AND CORING OPERATIONS	CLASSIFICATION OF MATERIALS
-17.5					WOH	v. soft →	Gray SM (silt) ~~Brownish Gray SW-SM~~ (well-graded sand, some cobbles, little to trace gravel & clay).
		S-1		5.0'	21	v. hard.	
					23		
					63		
					30		
-22.5					33		Brown GM (fine sand, silt & gravel, trace cobbles & clay).
					53		
		S-2		5.0'	55	Very hard	
					46		
					106		
-27.5					12%		
		#1	NX	5.0	2.4	hard rock 10-25 min/ft	Black-gray meta-siltstone with trace of calcite & quartz veins, trace voids along veins & trace vertical, sub-vertical & horizontal fractures also, trace Fe staining. AKO, Top of run shows some boulder & cobble debris.
-32.5		R2	"	3.25	1.9	hard rock 10-40 min/ft.	"
-35.75						Terminated at -35.75 ft. MLW	

GENERAL REMARKS:

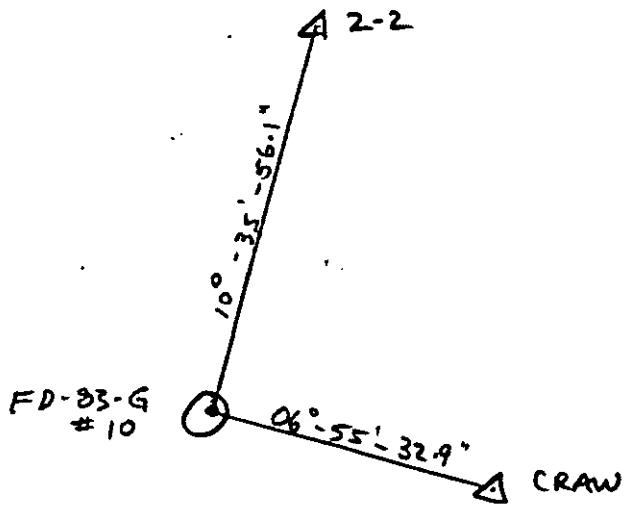
Site: Portsmouth Hbr., NH-ME
Boring No: FD-83-10

SUBSURFACE WATER OBSERVATIONS

DATE	TIME	DEPTH-BOT. OF CASING	DEPTH-BOT. OF BORING	DEPTH TO WATER	ELEVATION WATER	REMARKS
—	—					

Note: Depths are in feet below original ground

BORING LOCATION SKETCH



CORPS OF ENGINEERS, U. S. ARMY
NEW ENGLAND DIVISION
Geotechnical Engineering Branch
FIELD LOG OF TEST BORING

#11

Site Portsmouth Harbor, NH - ME

Page 1 of 5 Pages

Hole No FD-83-11 Diam. (Casing) 3¼"

Boring Started 7:45 AM 10/20

Co-ordinates: N 92156.79 E 341985.36

Boring Completed 6:05 PM 10/20

Drilled by Don Campbell

Report Submitted

Purpose of Exploration To determine the rock surface along with the quality of the soil and rock to be removed for the proposed dredging at "Area I"

Elevation Top of Hole -5.0 M.L.W.

Total Overburden Drilled 34.5 Feet

Elevation Top of Rock -39.5 M.L.W.

Elevation Bottom of Hole -40.0 M.L.W.

Total Rock Drilled 0.5 Feet

Total Depth of Hole 35.0 Feet

Core Recovered 58 %

Core Recovered 0.3 Ft.; ____ Diam. ____ In.

Soil Samples ____ In. Diam. ____ No.

Soil Samples ____ In. Diam. ____ No.

Casing Left in Place — Feet

Water Surface at Start of Work
or
Water Table Depth +4.0

Depth From	Depth To	Method of Drilling and Type of Bit Used
-5.0	-18.0	Drive Sample Boring
-18.0	-29.0	Rock Core thru Boulder - NX BIT - diamond
-29.0	-29.0	Drive Sample Boring
-29.0	-40.0	Rock Core with BX - BIT. - diamond

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Prepared by Peter Bebkowski
Field Data Lab. Data

Submitted by

ATTACHMENT 4A

FIELD LOG OF TEST BORING IN ROCK

SITE Portsmouth Harbor, NH - ME ROLE NO. FD-83-11 PAGE 2 of 5

DATE	DEPTH PT. FROM	DEPTH PT. TO	RUN PT.	RUN REC'V'Y PT.	REC'V'Y %	DRILLING BEHAVIOR: FEED	DRILLING BEHAVIOR: WATER	DRILLING BEHAVIOR: REASON FOR POLL	ACTUAL DRILLING TIME	BIT NO. SIZE AND TYPE	ADDITIONAL REMARKS
10/20 ①	-18.0	-20.5	2.5 } 4.0	1.5	38%	150	no loss to slight	—	20 min/ft	NX	Boulders & Sand seam. -18.0 to -22.0 was 1 run But it was broken down because of jump thru boulder at -20 to -20.5. When the barrel was removed at elev. -22.0 the NX Bit was Burned out, due to lacked Water.
	-20.5	-22.0	1.5			50	loss of water	jammed barrel	45 min	"	
②	-21.5	-24.0	2.5	—	0	weight of Head	no loss	—	1 hr. 45 min	BX	Hole collapsed & BX Bore drilled to elev. -24.0 at -24.0 sampled again with spoon.
③	-29.0	-39.5	10.5	—	0	weight of head	no loss	—	1 hr. 10 min	BX	Thought refusal was rock but was not. Little resistance was felt. WASHED ahead in order to confirm depth of rock if it occured at a stationary depth than -40.0 Upon opening the core barrel a small ball of gray clay was found a top of a 3.5" piece of gray meta-siltstone in the tip of the core barrel
④	-39.5	-40.0	0.5	0.3	58%	100	no loss	reached spec. depth.	5 min	BX	

TOTAL BED ROCK DRILLED 0.5 FEET

TOTAL BED ROCK RECOVERED 0.3 FEET

BED ROCK RECOVERY 58 % PERCENT

DRILLER Don Campbell

INSPECTOR Peter L. Bellavance

NED FORM 130

U. S. ARMY
CORPS OF ENGINEERS
NEW ENGLAND DIVISION

FIELD LOG OF TEST BORING

Site Portsmouth Harbor, NH-ME — Page 3 of 5 Pages

Boring No. #11 (FD-83-11) Desig. FDC (FD C) Diam. (Casing) 3 1/4

Co-ordinates: N _____ E _____

Elevation Top of Boring -5.0 M.L.W.
Total Overburden Drilled 34.5 Feet
Elevation Top of Rock -39.5 M.L.W.
Total Rock Drilled 0.5 Feet
Elevation Bottom of Boring -40.0 M.L.W.
Total Depth of Boring 35.0 Feet
Core Recovered 58 % No. Boxes 2
Core Recovered 0.3 Ft. NXBX Diam. ___ In.
Soil Samples S-1 to 3 In. Diam. ___ No.
Soil Samples _____ In. Diam. ___ No.

Hammer Wt. 300 lb. Boring Started 7:45 AM 10/20
Hammer Drop 18"
Casing Left —
Boring Completed 6:55 PM 10/20
Subsurface Water Data: — Page —
Obs. Well —
Drilled By Don Campbell
Mfg. Des. Drill Acker Art
Inspected By: Peter L. Beblowski
Classification By: PLB
Classification By: _____

DEPTH (1" = 5')	CORE/SAMPLE NO.	SIZE	DEPTH RANGE	BLOWS PER FT. / CORE REC'VY	SAMPLING AND CORING OPERATIONS	CLASSIFICATION OF MATERIALS
-8	S-1		3.0	29 18 15		Brown SW (Med & Coarse Sand)
-13	S-2		5.0	17 18 22 28 38	firm - v. hard.	Gray - Brownish Gray SM (fine sand & silt, little gravel & clay & trace cobbles)
-18.0	S-3			16 17 19 34 42	firm - v. hard.	Gray SM-GM (fine sand & silt little gravel, trace clay & med sand.)
-24	① ②	NX		100/0"	Cored thru boulders & sand. * Could not ADVANCE CASING thru boulders.	Boulders & gravel
-29	S-4		5.0	32 38 68 108 137	very hard	gray - brownish gray SM-GM (fine sand & silt, little - trace gravel, trace clay & med - sand)
	③	BX	—	—	SEE PAGE 4	

GENERAL REMARKS:

Site	Boring No.	Page 4 of 5
Portsmouth Hbr., NH-ME	FD-83-11	

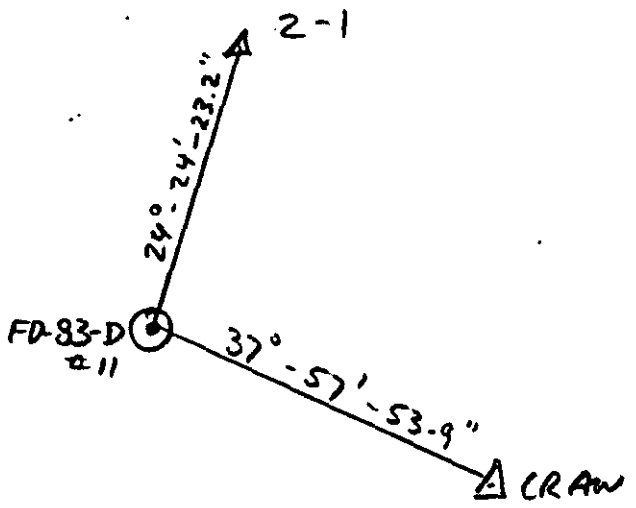
DEPTH	CORE/SAMPLE NO.	SIZE	DEPTH (MIN)	BLOWS PER FT / CORE REC'VY	SAMPLING AND CORING OPERATIONS	CLASSIFICATION OF MATERIALS
-34.0	③ S-5	BX		0	used BX corer to wash the hole out. WASH was consistently Greyish-Blue. Upon opening core barrel, a piece of gray clay was found on top of the 3.5" rock core at end of Barrel	Blue-Gray - CL (clay with little silt & trace sand)
-39.5	④	BX	0.5	58%	3.5" rock core	Blue-Gray meta-siltstone

Terminated at -40.0 ft.

Site: Portsmouth Hbr., NH-ME
Boring No: FD-83-11

SUBSURFACE WATER OBSERVATIONS

DATE	TIME	DEPTH-BOT. OF CASING	DEPTH-BOT. OF BORING	DEPTH TO WATER	ELEVATION WATER	REMARKS

Note: Depths are in feet below original ground

BORING LOCATION SKETCH