

APPENDIX C

BOREHOLE STRATIGRAPHIC LOGS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(L-01)

PROJECT NAME: NEPERA - LAGOON SITE

HOLE DESIGNATION: BH-1-91

PROJECT NO.: 3698


DATE COMPLETED: JUNE 25, 1991

CLIENT: NEPERA, INC.

DRILLING METHOD: 4 1/4" ID HSA

LOCATION: HAMPTONBURGH, NY

CRA SUPERVISOR: E. HOLT

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEVATION ft AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	VALUE	H U U (ppm)
-2.5	SW-SAND, fine grained, some gravel, little clay, dense, brown, moist	-4.0	 <p style="text-align: center;">8" BOREHOLE CEMENT/ BENTONITE GROUT</p>	(1SS)	X	43	1.3
-5.0	ML-SILT, little to some sand, little to some gravel, stiff to hard, grayish brown to black, saturated			(2SS)	X	12	-
-7.5				3SS	X	16	1.8
-10.0				(4SS)	X	28	1.3
-12.5				5SS	X	25	1.3
-15.0				6SS	X	25	1.8
-17.5				7SS	X	>100	1.8
-17.5	AUGER REFUSAL ● 16.5 FT. BGS	-16.5					
-20.0							
-22.5							
-25.0							
-27.5							
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ○

WATER FOUND ∇

STATIC WATER LEVEL ▼

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(L-02)

PROJECT NAME: NEPERA - LAGOON SITE

HOLE DESIGNATION: BH-3-91

PROJECT NO.: 3698

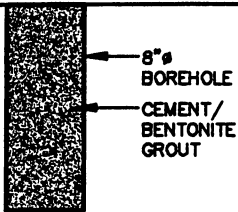
DATE COMPLETED: JUNE 27, 1991

CLIENT: NEPERA, INC.

DRILLING METHOD: 4 1/4" ID HSA

LOCATION: HAMPTONBURGH, NY

CRA SUPERVISOR: E. HOLT

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEVATION ft AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	VALUE	HNU (ppm)
-2.5	SM-SAND, fine to medium grained, some silt, little gravel, trace clay, loose to extremely dense, brown, moist	-5.3	 <p style="font-size: small;">8" BOREHOLE CEMENT/ BENTONITE GROUT</p>	(1SS)	X	21	-
-5.0				2SS	X	76	-
-7.5				3SS	X	>100	-
-5.0	AUGER REFUSAL ● 5.3 FT. BGS						
-7.5							
-10.0							
-12.5							
-15.0							
-17.5							
-20.0							
-22.5							
-25.0							
-27.5							
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ○

WATER FOUND ▽

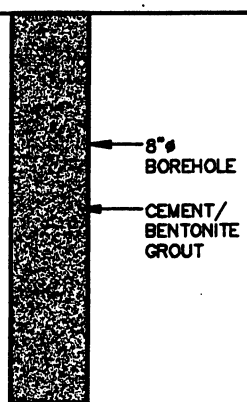
STATIC WATER LEVEL ▽

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(L-03)

PROJECT NAME: NEPERA - LAGOON SITE
 PROJECT NO.: 3698
 CLIENT: NEPERA, INC.
 LOCATION: HAMPTONBURGH, NY

HOLE DESIGNATION: BH-4-91
 DATE COMPLETED: JUNE 26, 1991
 DRILLING METHOD: 4 1/4" ID HSA
 CRA SUPERVISOR: E. HOLT

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEVATION ft AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	VALUE (ppm)	UNIT
-2.5	SM-SAND, very fine grained, some silt, trace organics, trace gravel, medium dense to very dense, brown, moist	-4.0	 <p style="font-size: small;">8" BOREHOLE CEMENT/ BENTONITE GROUT</p>	(1SS)	X	23	-
				2SS	X	76	-
-5.0	GP-GRAVEL, medium grained, some sand, shale fragments, trace silt, extremely dense, moist			(3SS)	X	43	-
-7.5				4SS	X	>100	-
-10.0	AUGER REFUSAL ● 10.0 FT. BGS	-10.0		5SS	X	>100	-
-12.5							
-15.0							
-17.5							
-20.0							
-22.5							
-25.0							
-27.5							
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ○

WATER FOUND ∇

STATIC WATER LEVEL ▼

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(L-04)

PROJECT NAME: NEPERA - LAGOON SITE

HOLE DESIGNATION: BH-5-91

PROJECT NO.: 3698

DATE COMPLETED: JUNE 25, 1991

CLIENT: NEPERA, INC.

DRILLING METHOD: 4 1/4" ID HSA

LOCATION: HAMPTONBURGH, NY

CRA SUPERVISOR: E. HOLT

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEVATION ft AMSL	MONITOR INSTALLATION	SAMPLE			
				NUM BOUR	STATE	VALUE	H NU (ppm)
-2.5	OH-SILT, some sand, organics, little clay, trace gravel, stiff, tan, moist	-2.0		(1SS)	X	7	-
	SM-SAND, little to some silt, trace clay, trace gravel, very dense, brown, moist			2SS	X	64	-
-5.0	GM-GRAVEL, fine to medium grained, little silt, little clay, trace sand, dense, tan to reddish brown, moist to wet	-6.0		(3SS)	X	94	-
				4SS	X	40	0.8
-7.5	ML-SILT, some gravel, shale fragments, firm to hard, brown to gray, moist to saturated, chemical like odor			(5SS)	X	5	1.3
				6SS	X	82	-
-12.5		-13.0		7SS	X	74	1.3
-15.0				8SS	X	61	0.8
-17.5				9SS	X	56	-
-20.0		-20.0		10SS	X	49	-
20.0	AUGER REFUSAL ● 20.0 FT. BGS						
22.5							
25.0							
27.5							
30.0							
32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ○

WATER FOUND ∇

STATIC WATER LEVEL ▼