

**APPENDIX A:**

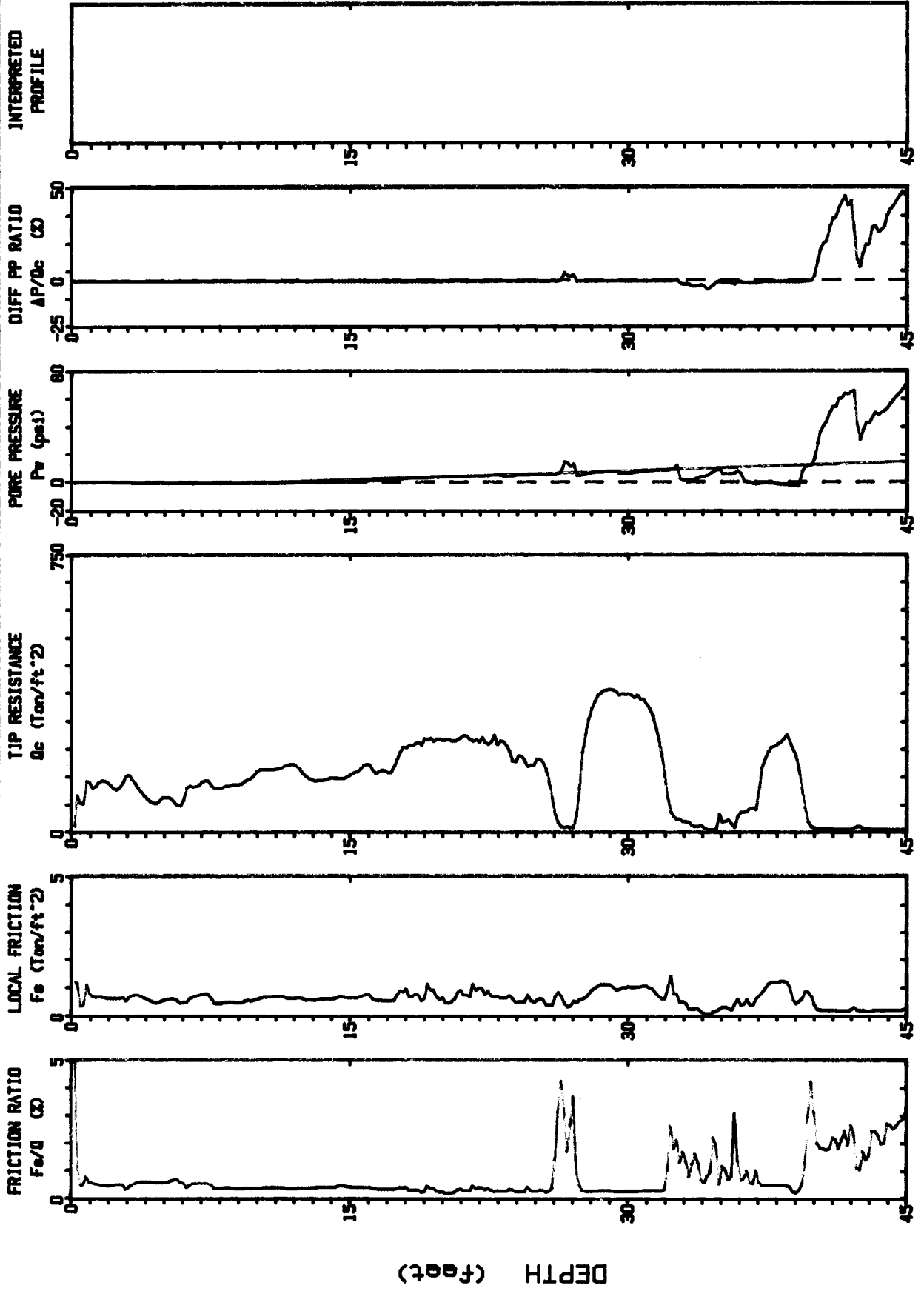
**LOGS OF CONE PENETRATION TEST (CPT) SOUNDINGS**

# VBI

Operator : VIRGIL A. BAKER  
Location : UC-1

CPT Date : 08-16-93 12.46  
Cone Used : HD 349 TC

Sounding : 93Z172 Pg 1 / 2  
Job No. : MLML NORTH SIDE

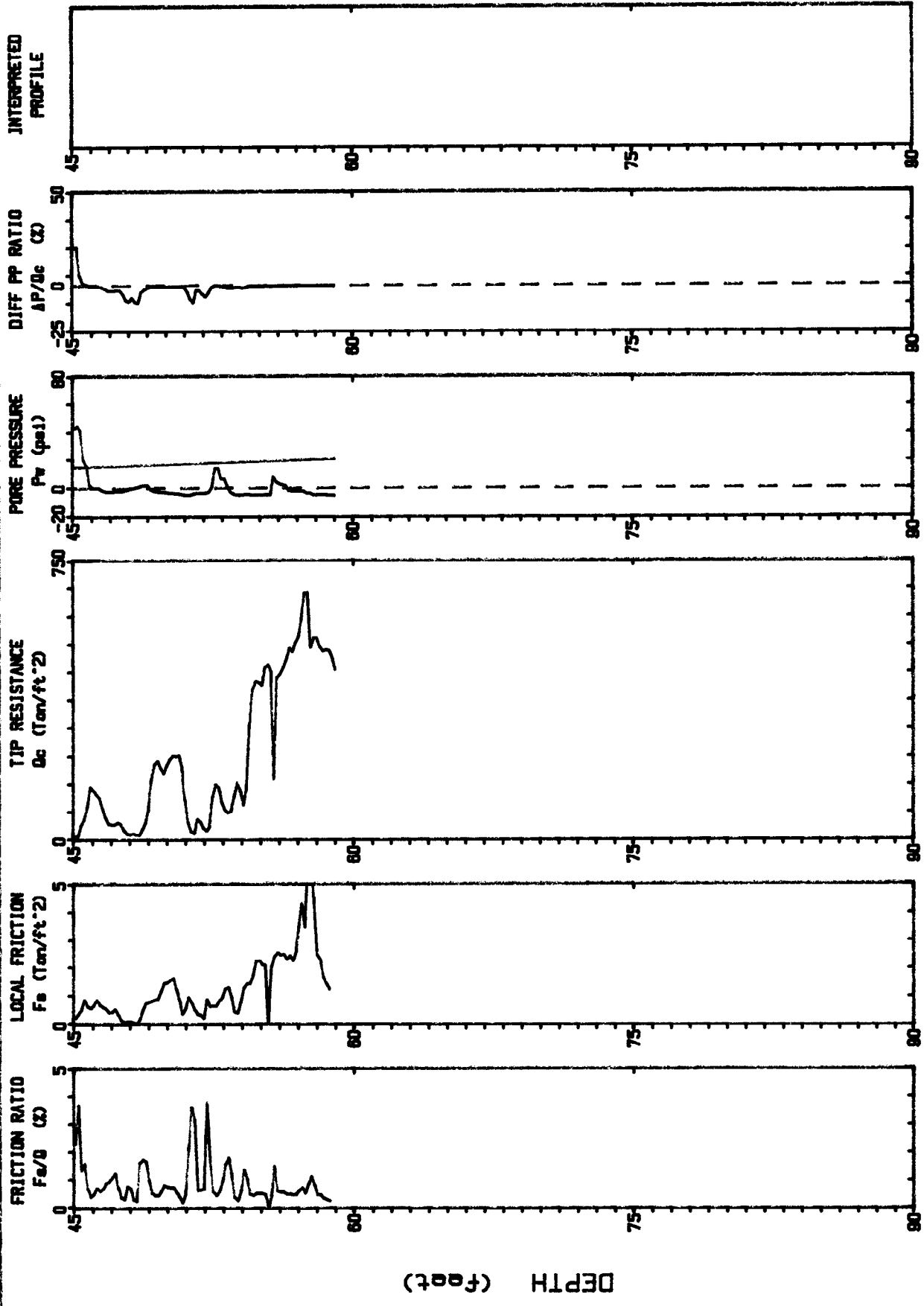


Depth Increment : .05 m

Max Depth : 59.06 ft

# V B I

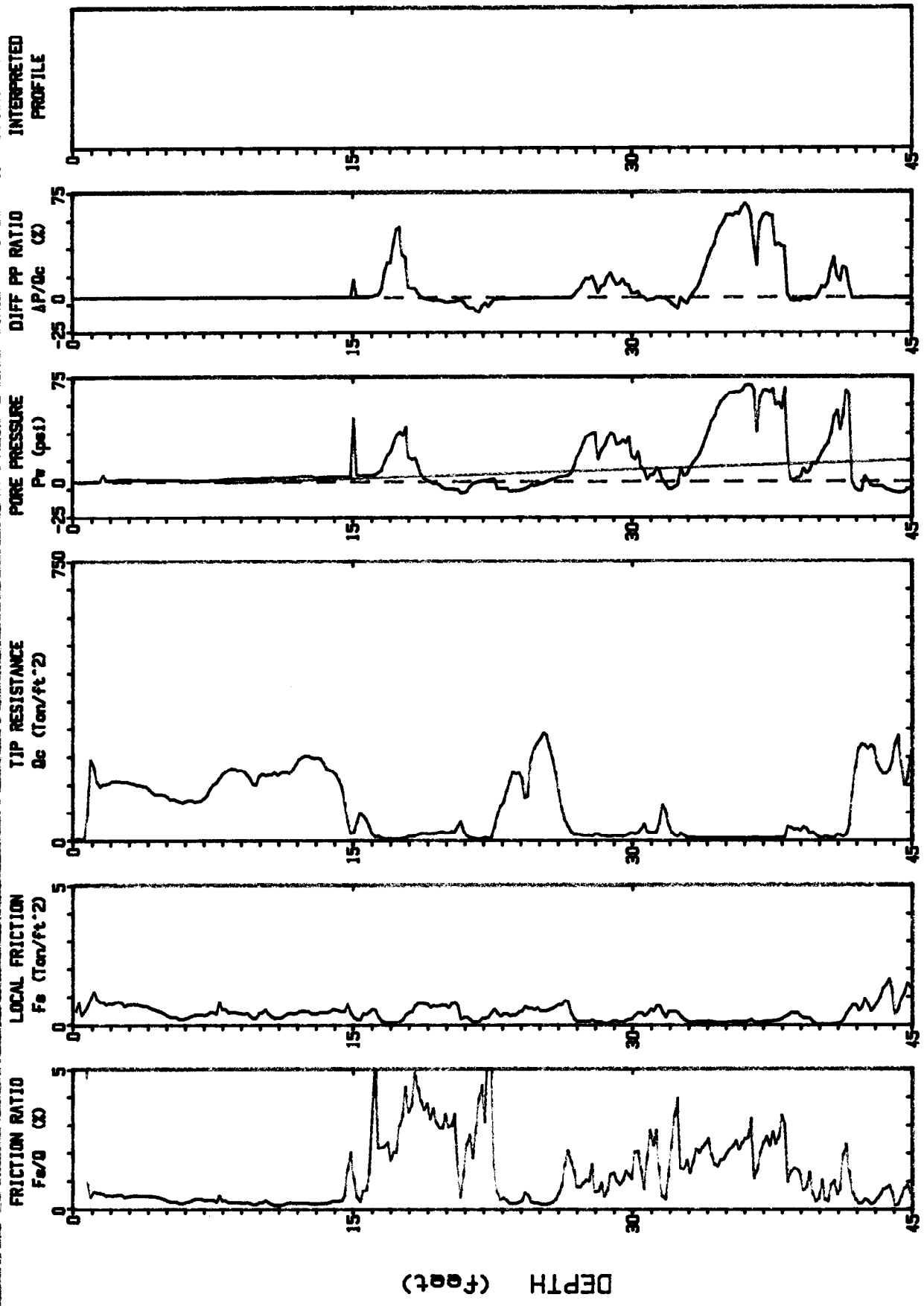
Operator : VIRGIL A. BAKER      CPT Date : 08-16-93 12:46      Sounding : 93Z172 Pg 2 / 2  
Location : UC-1                      Cone Used : HD 349 TC                      Job No. : MLML NORTH SIDE



Depth Increment : .05 m      Max Depth : 58.06 ft

# V B I

Operator : VIRGIL A. BAKER      CPT Date : 08-17-93 10:35      Sounding : 93Z174 Pg 1 / 2  
Location : UC-2                      Cone Used : HD 348 TC                      Job No. : MBARI GATE



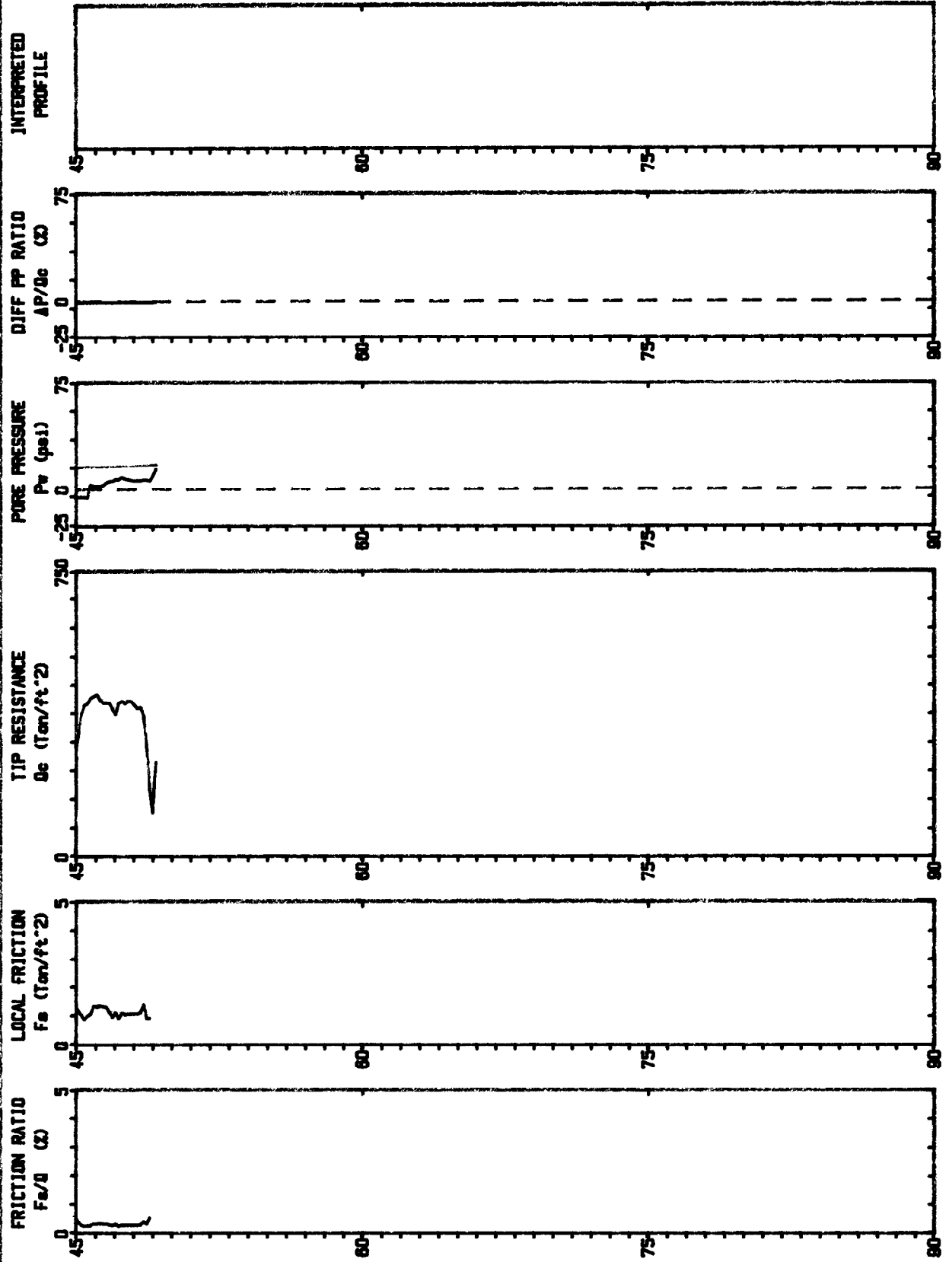
Depth Increment : .05 m      Max Depth : 49.21 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-2

CPT Date : 08-17-03 10:25  
Cone Used : HD 348 TC

Sounding : 93Z174 Pg 2 / 2  
Job No. : MBARI GATE

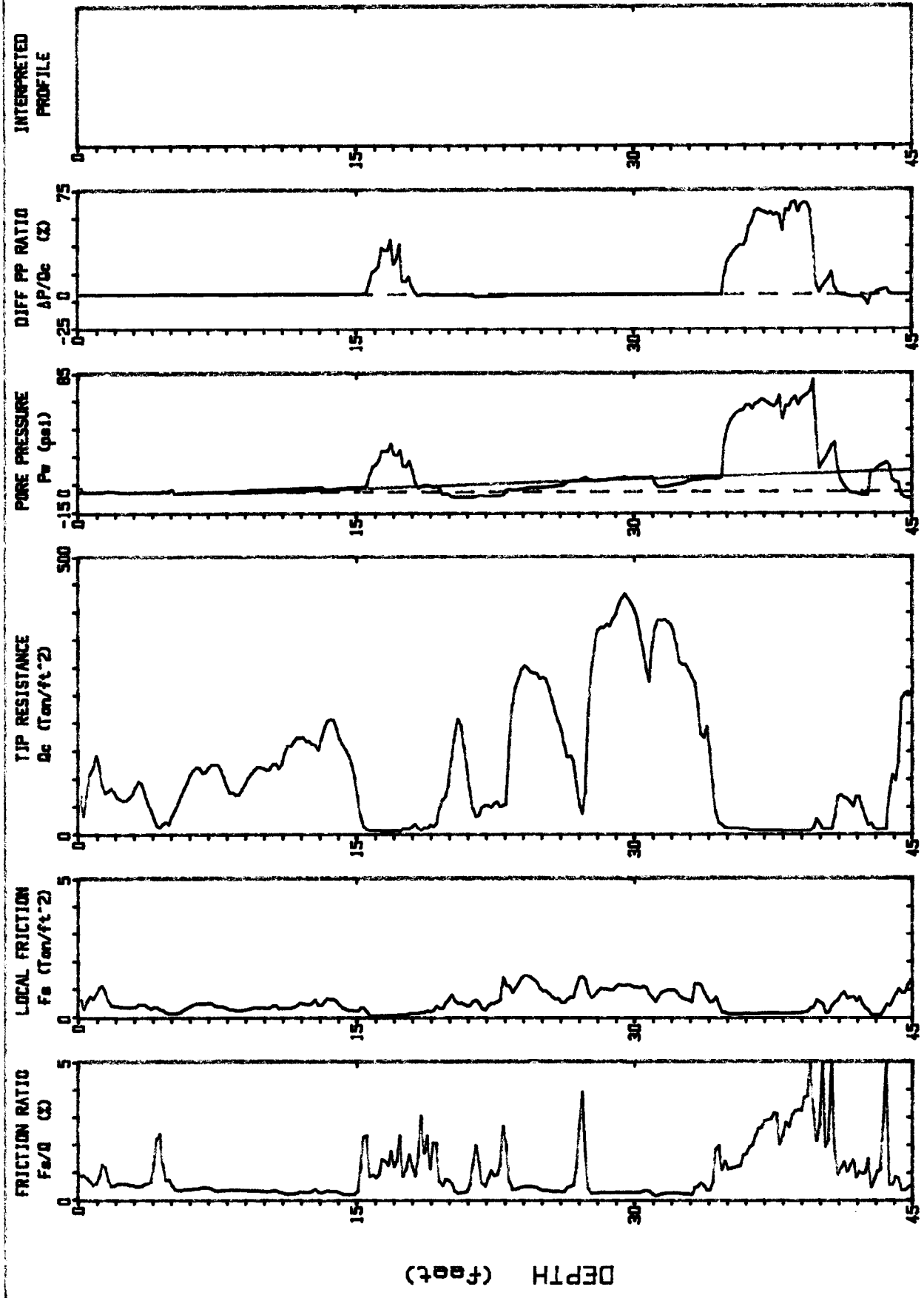


Depth Increment : .05 m

Max Depth : 49.21 ft

# V B I

Operator : VIRGIL A. BAKER      CPT Date : 08-17-93 11:25      Sounding : 93Z175 Pg 1 / 2  
 Location : UC-3                      Cone Used : HD 349 TC                      Job No. : SANDHOLET RD.



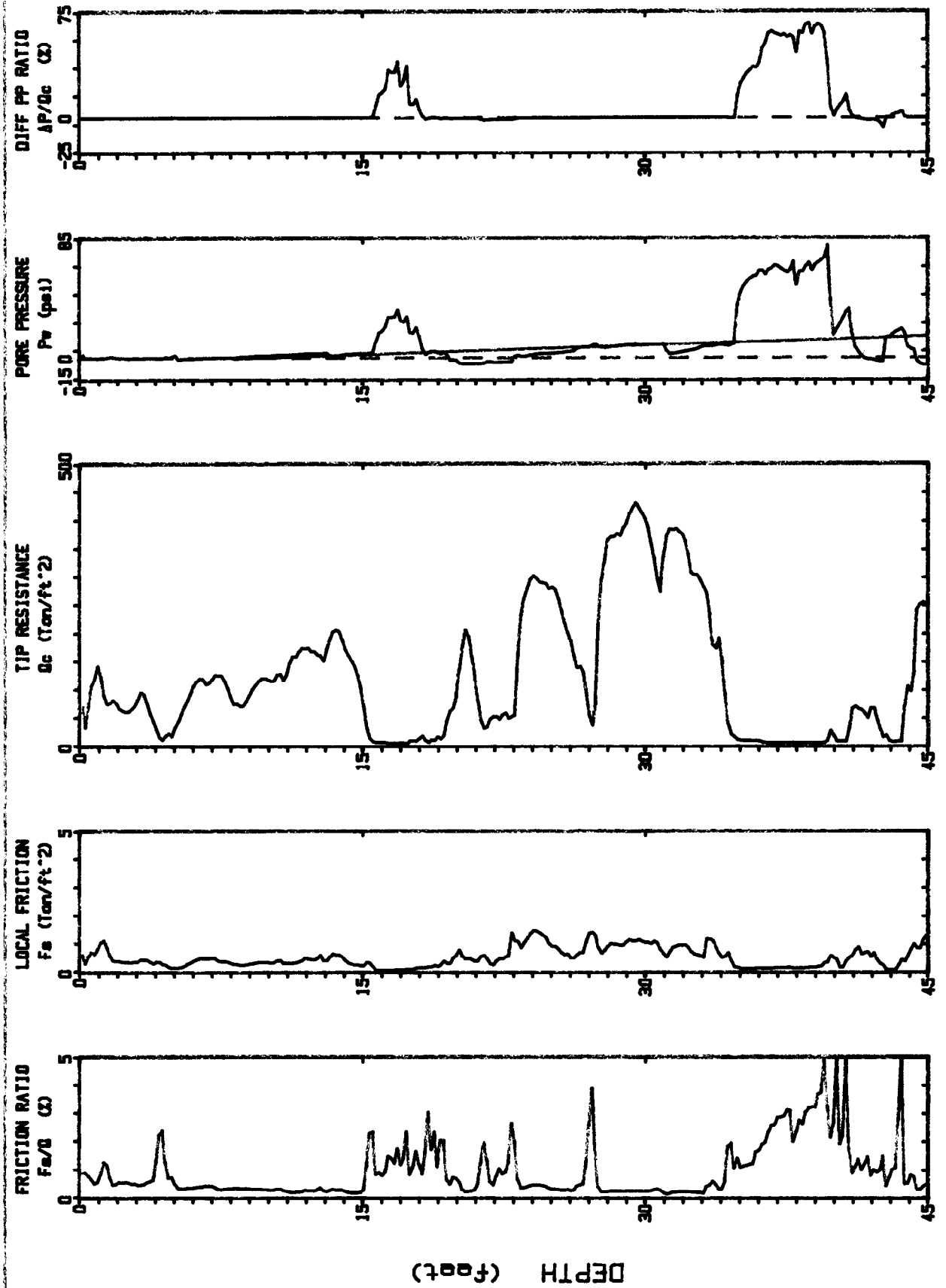
Depth Increment : .05 m      Max Depth : 48.21 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-3

CPT Date : 08-17-83 11:25  
Cone Used : HO 348 TC

Sounding : 93Z175 Pg 1 / 2  
Job No. : MBARI GATE



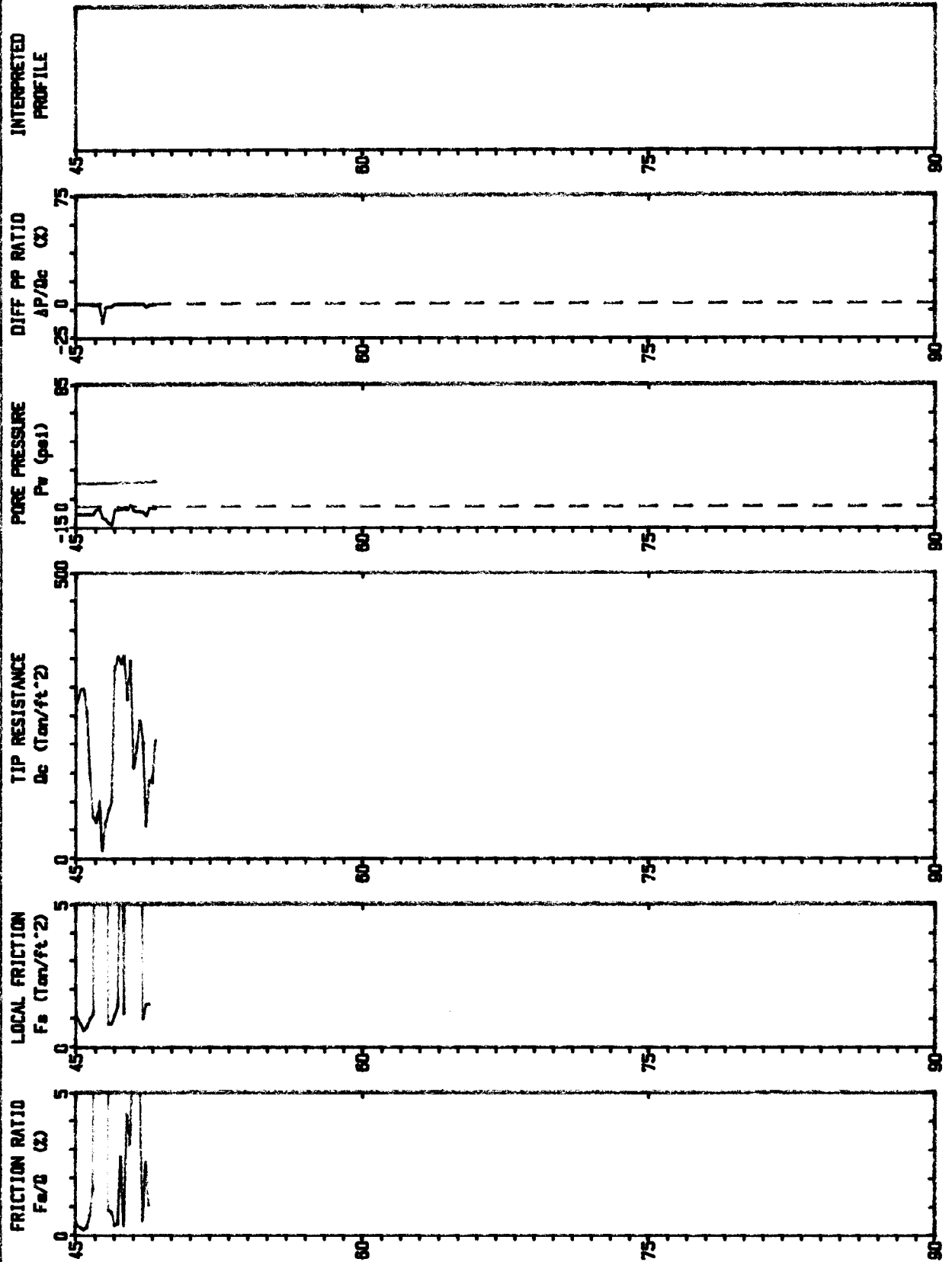
Depth Increment : .05 m  
Max Depth : 48.21 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-3

CPT Date : 08-17-93 11:25  
Cone Used : HD 349 TC

Sounding : 93Z175 Pg 2 / 2  
Job No. : SANDHOLT RD.



DEPTH (feet)

Depth Increment : .05 m

Max Depth : 49.21 ft

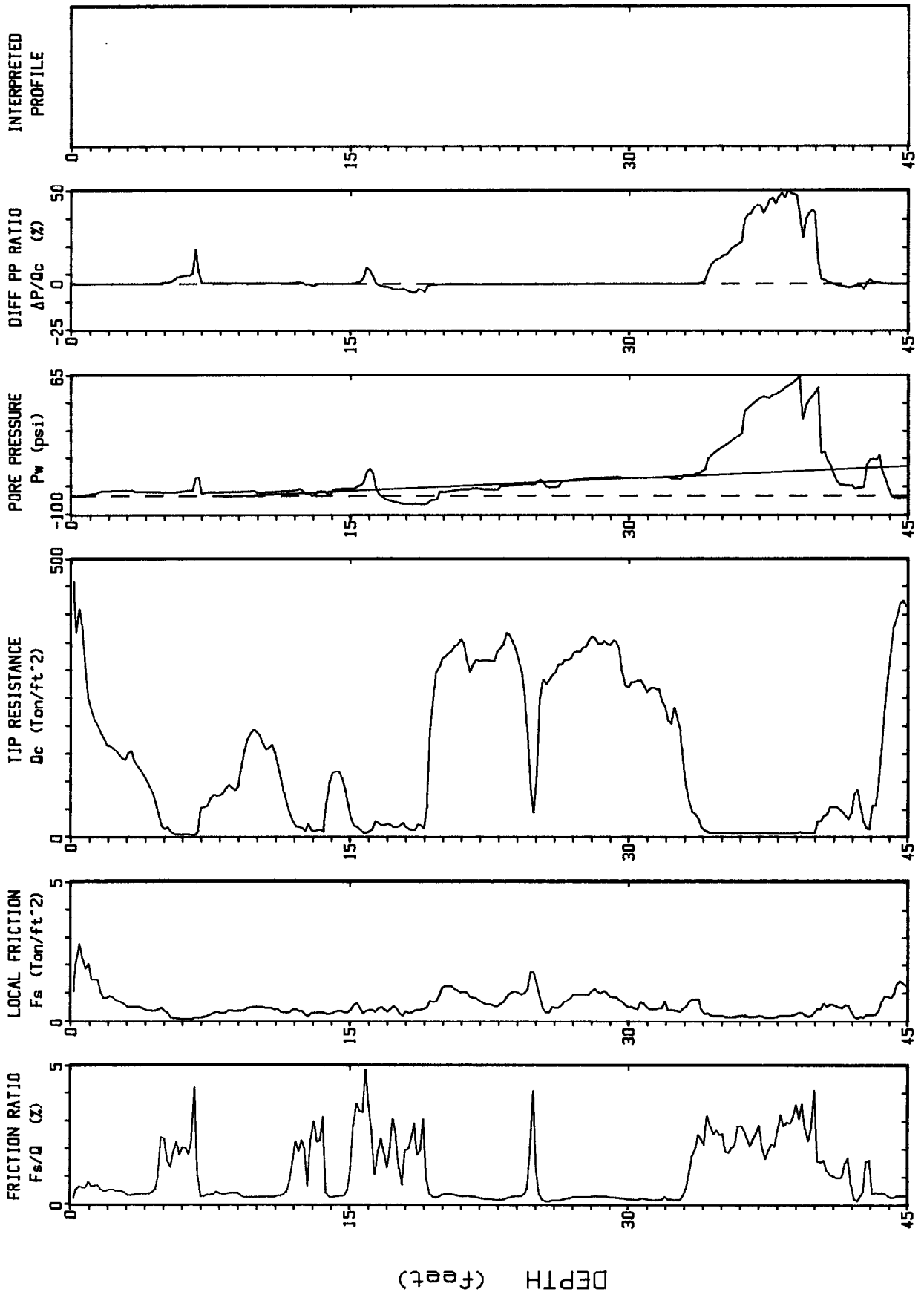


V B I

Operator : VIRGIL A. BAKER  
Location : UC-4

CPT Date : 08-17-93 12:36  
Cone Used : HD 349 TC

Sounding : 93Z176 Pg 1 / 2  
Job No. : MBARI GATE

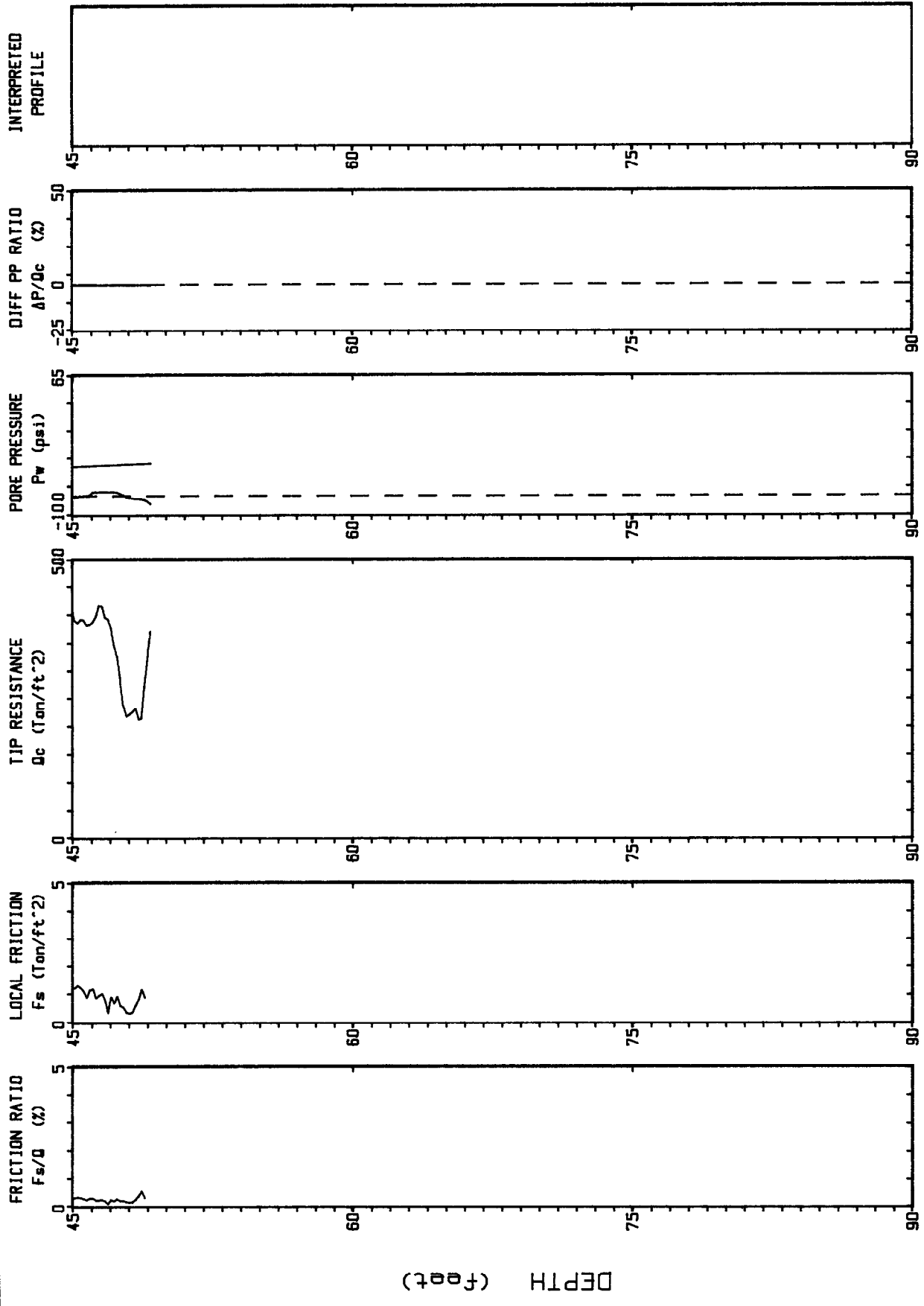


Depth Increment : .05 m

Max Depth : 49.21 ft

# V B I

Operator : VIRGIL A. BAKER      CPT Date : 08-17-93 12:36      Sounding : 93Z176 Pg 2 / 2  
 Location : UC-4                      Cone Used : HD 349 TC                      Job No. : MBAR1 GATE



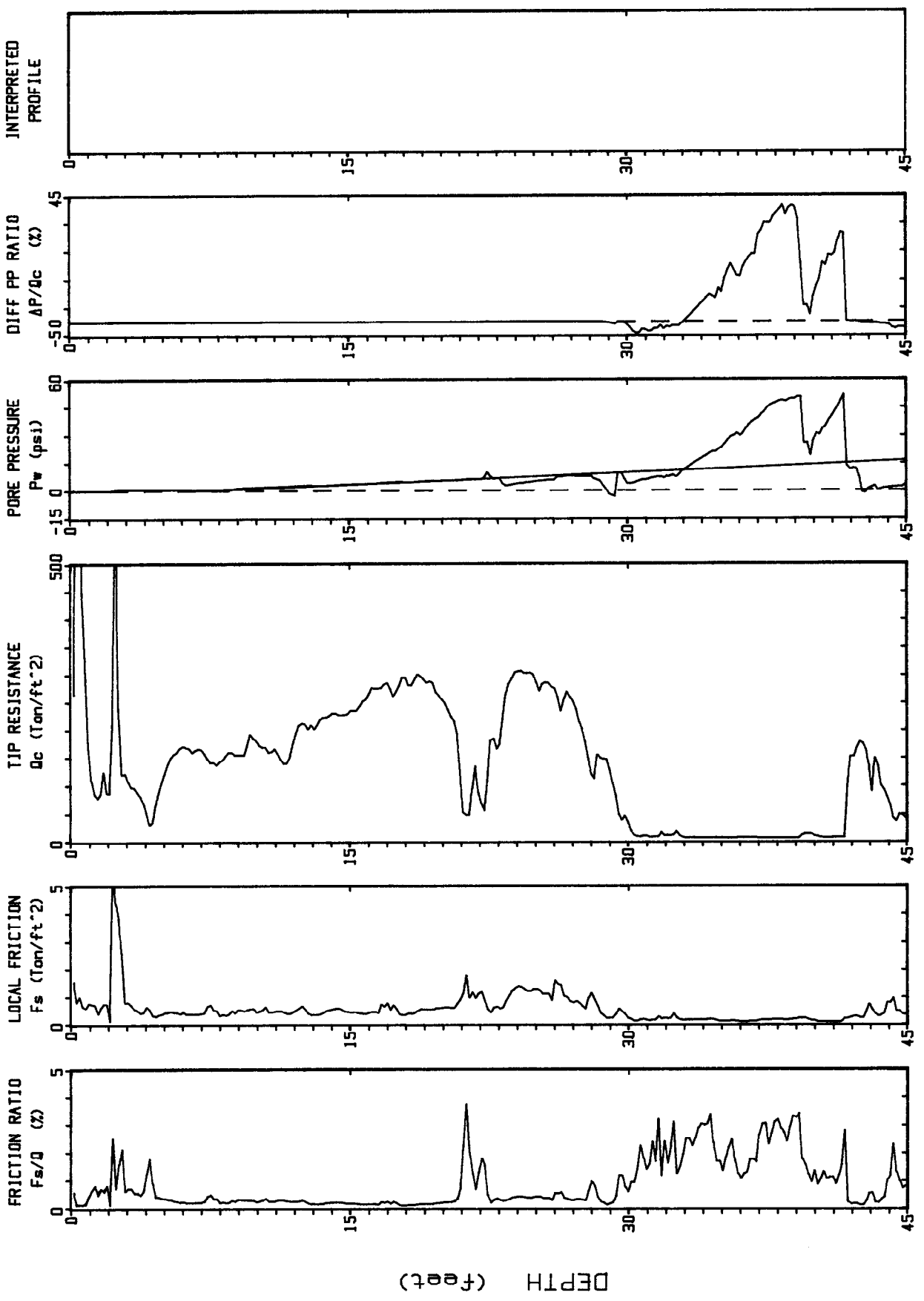
Depth Increment : .05 m                      Max Depth : 49.21 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-5

CPT Date : 08-17-93 14:00  
Cone Used : HD 349 TC

Sounding : 93Z177 Pg 1 / 2  
Job No. : MBARI N. PIER



Depth Increment : .05 m

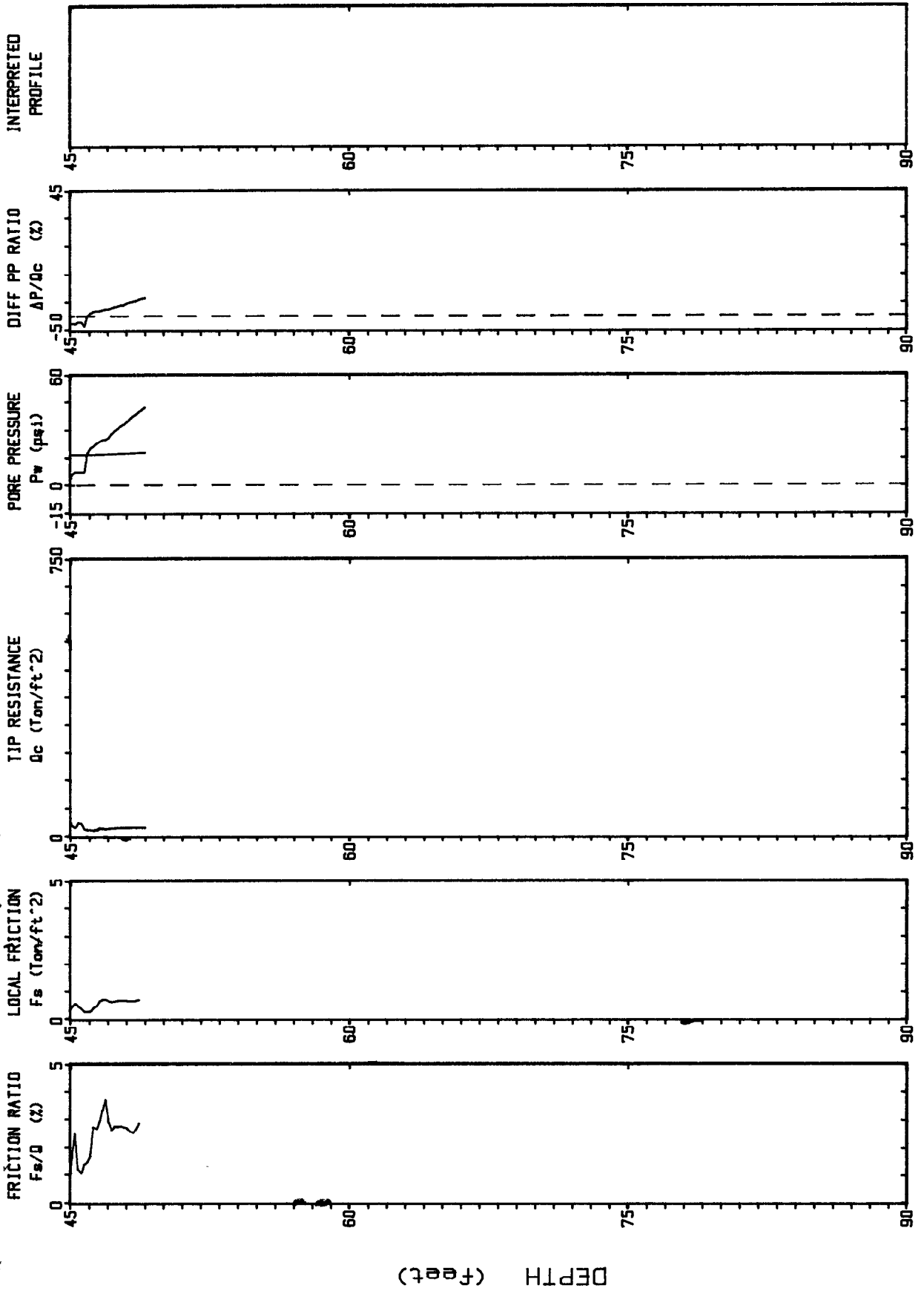
Max Depth : 49.05 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-5

CPT Date : 08-17-93 14:00  
Cone Used : HD 349 TC

Sounding : 93Z177 Pg 2 / 2  
Job No. : MBARI N. PIER



Depth Increment : .05 m

Max Depth : 49.05 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-5

CPT Date : 08-17-93 14:00  
Cone Used : HD 349 TC

Sounding : 93Z177 Pg 1 / 2  
Job No. : MBARI N. PIER

FRICITION RATIO  
 $F_s/Q_c$  (%)

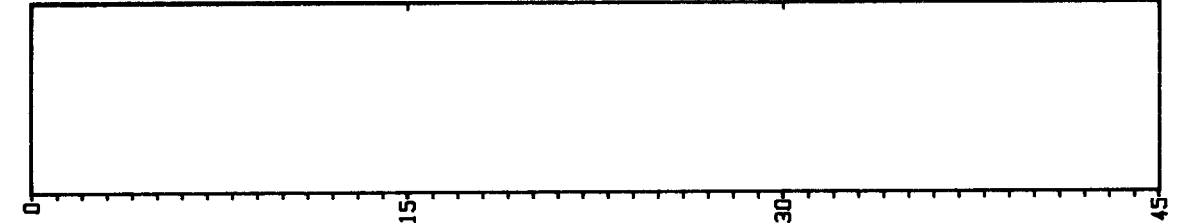
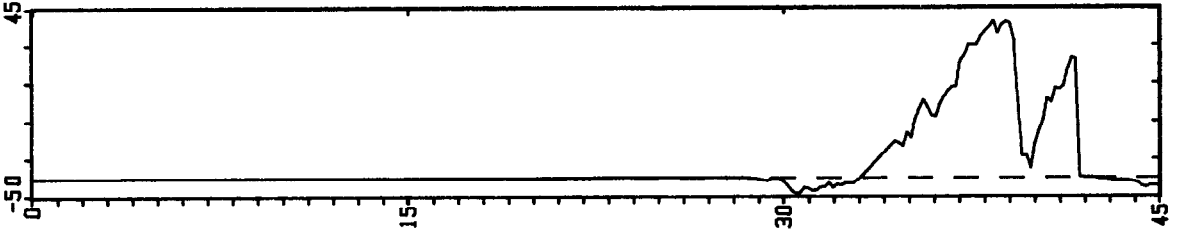
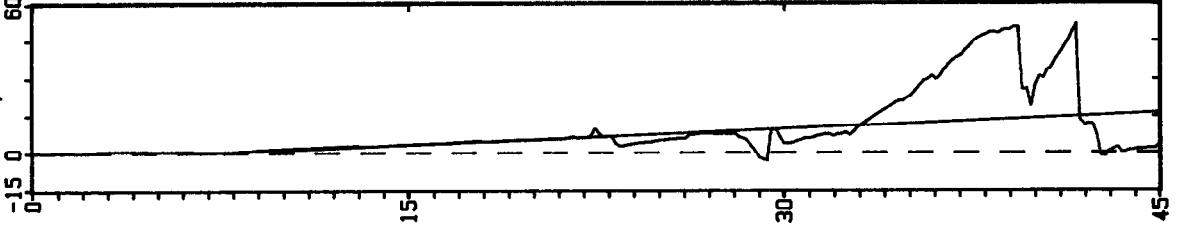
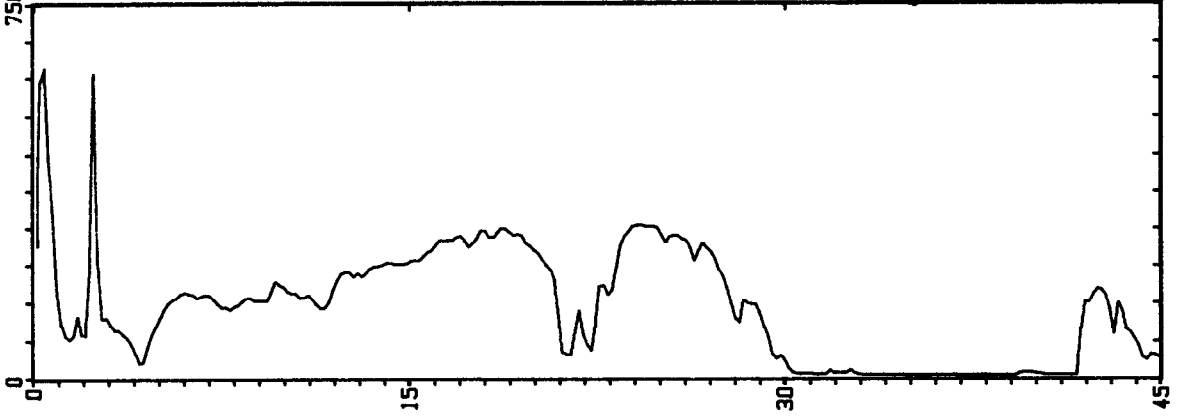
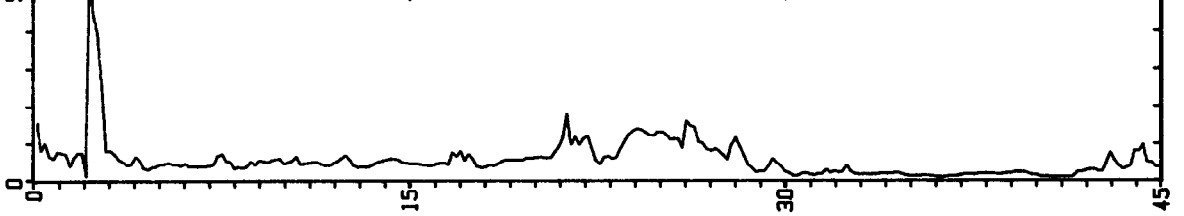
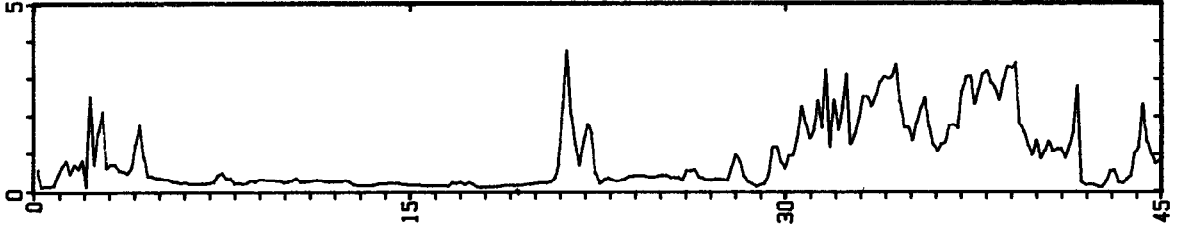
LOCAL FRICTION  
 $F_s$  (Ton/ft<sup>2</sup>)

TIP RESISTANCE  
 $Q_c$  (Ton/ft<sup>2</sup>)

PORE PRESSURE  
 $P_w$  (psi)

DIFF PP RATIO  
 $\Delta P/Q_c$  (%)

INTERPRETED  
PROFILE



DEPTH (feet)

Depth Increment : .05 m

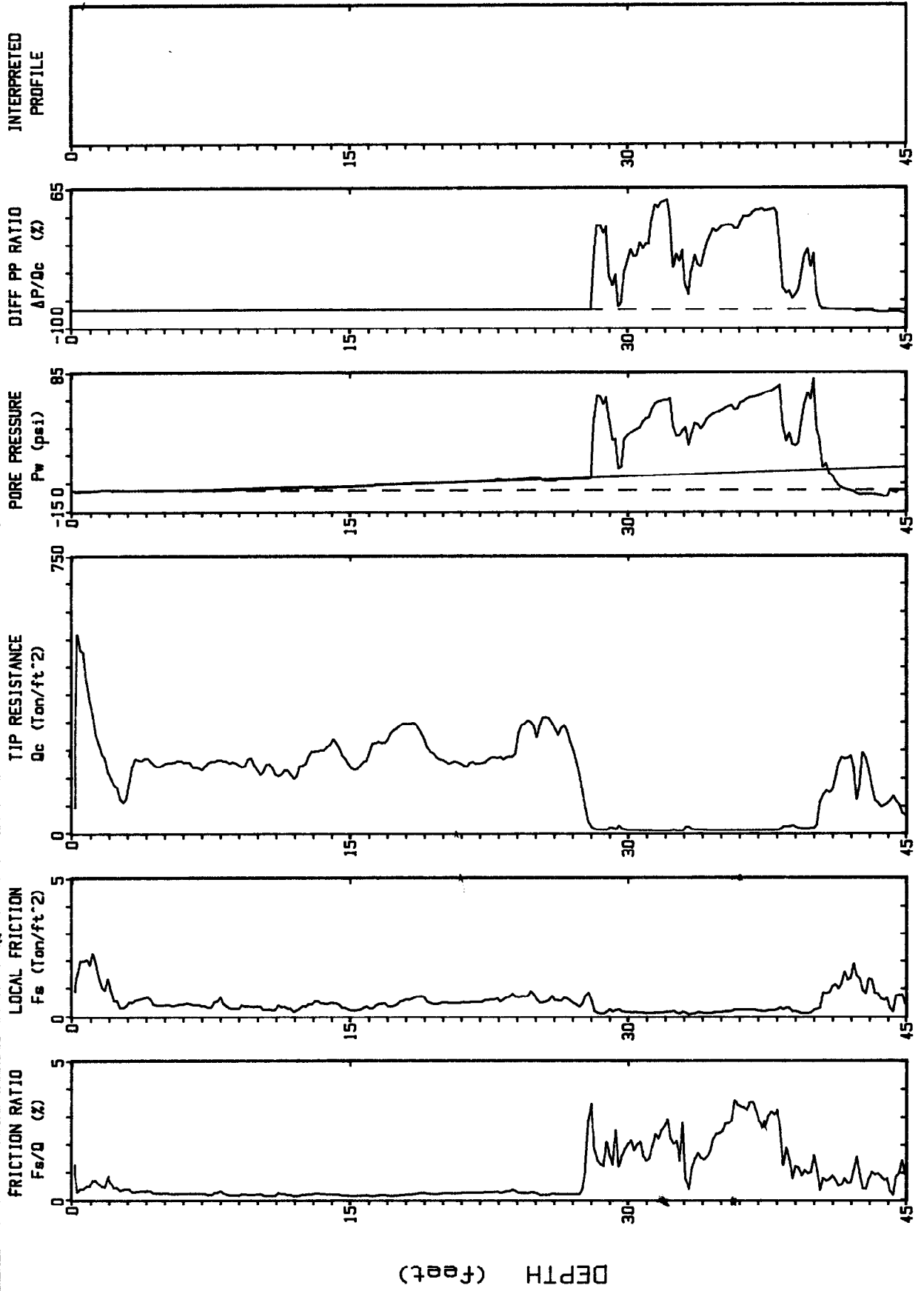
Max Depth : 49.05 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-6

CPT Date : 08-17-93 15:38  
Cone Used : HD 349 TC

Sounding : 93Z179 Pg 1 / 2  
Job No. : MBARI N. PIER



Depth Increment : .05 m

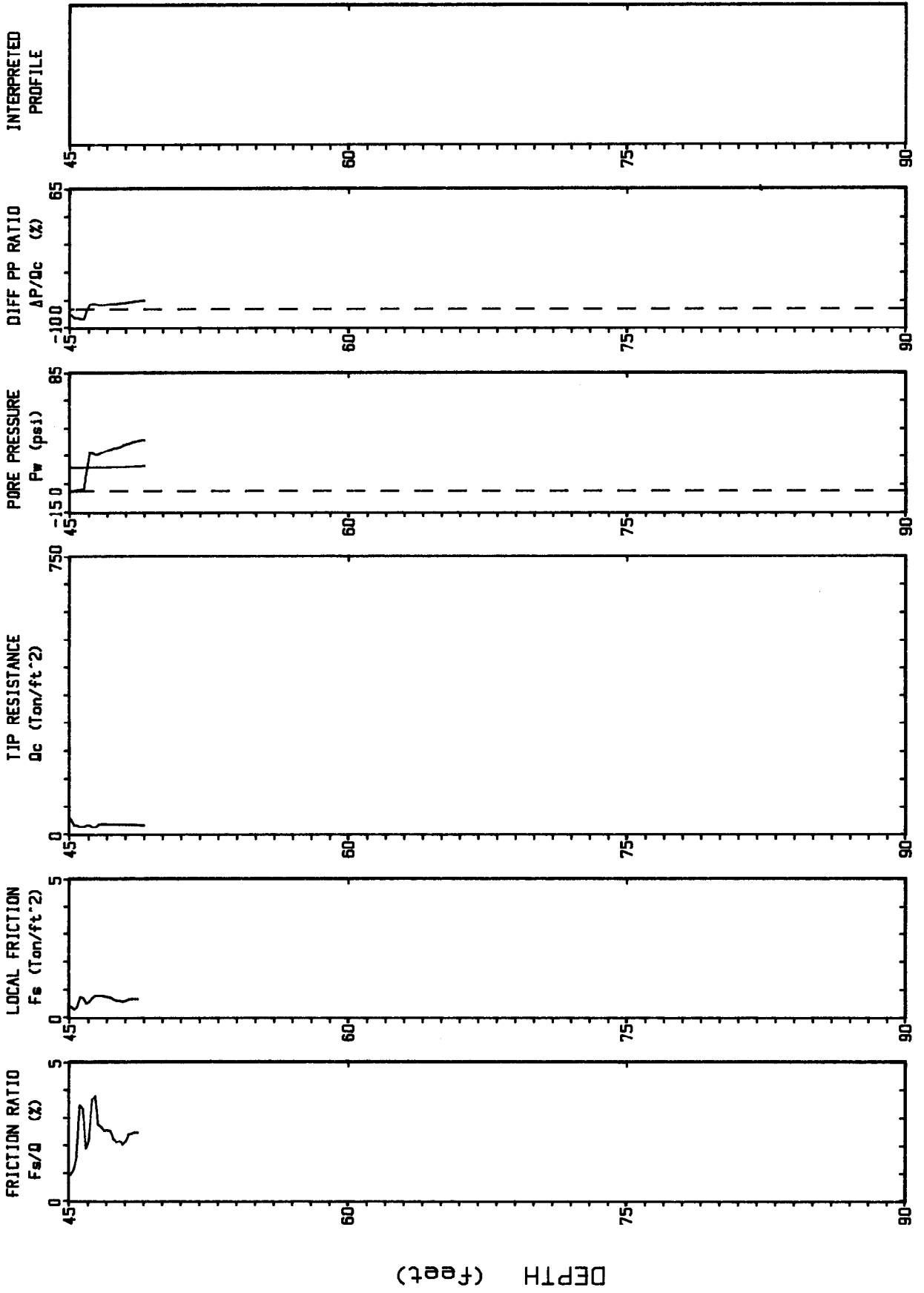
Max Depth : 49.05 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-6

CPT Date : 08-17-93 15:38  
Cone Used : HD 349 TC

Sounding : 93Z179 Pg 2 / 2  
Job No. : MBARI N. PIER



Depth Increment : .05 m

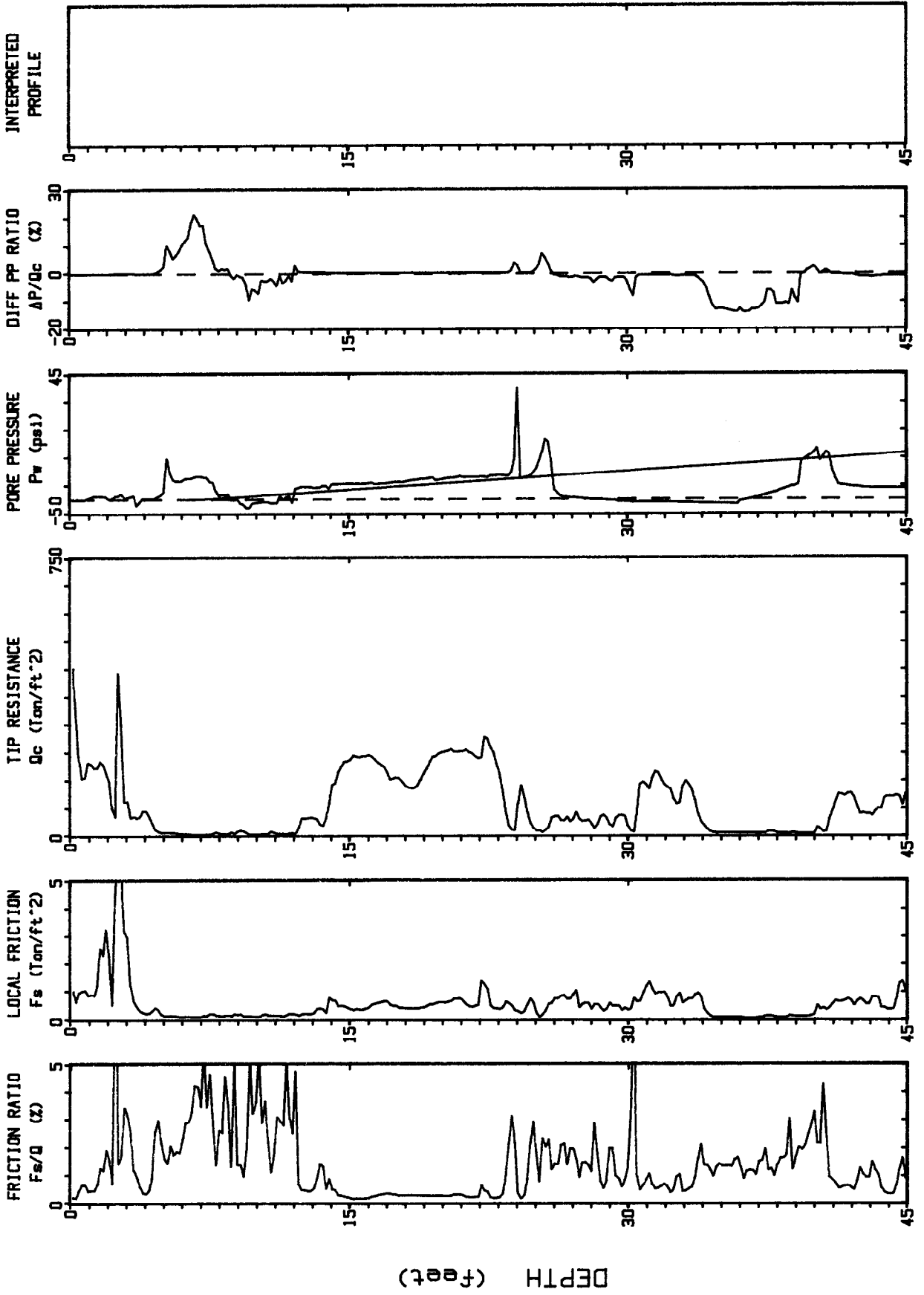
Max Depth : 49.05 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-7

CPT Date : 08-18-93 08:56  
Cone Used : HO 349 TC

Sounding : 93Z180 Pg 1 / 2  
Job No. :



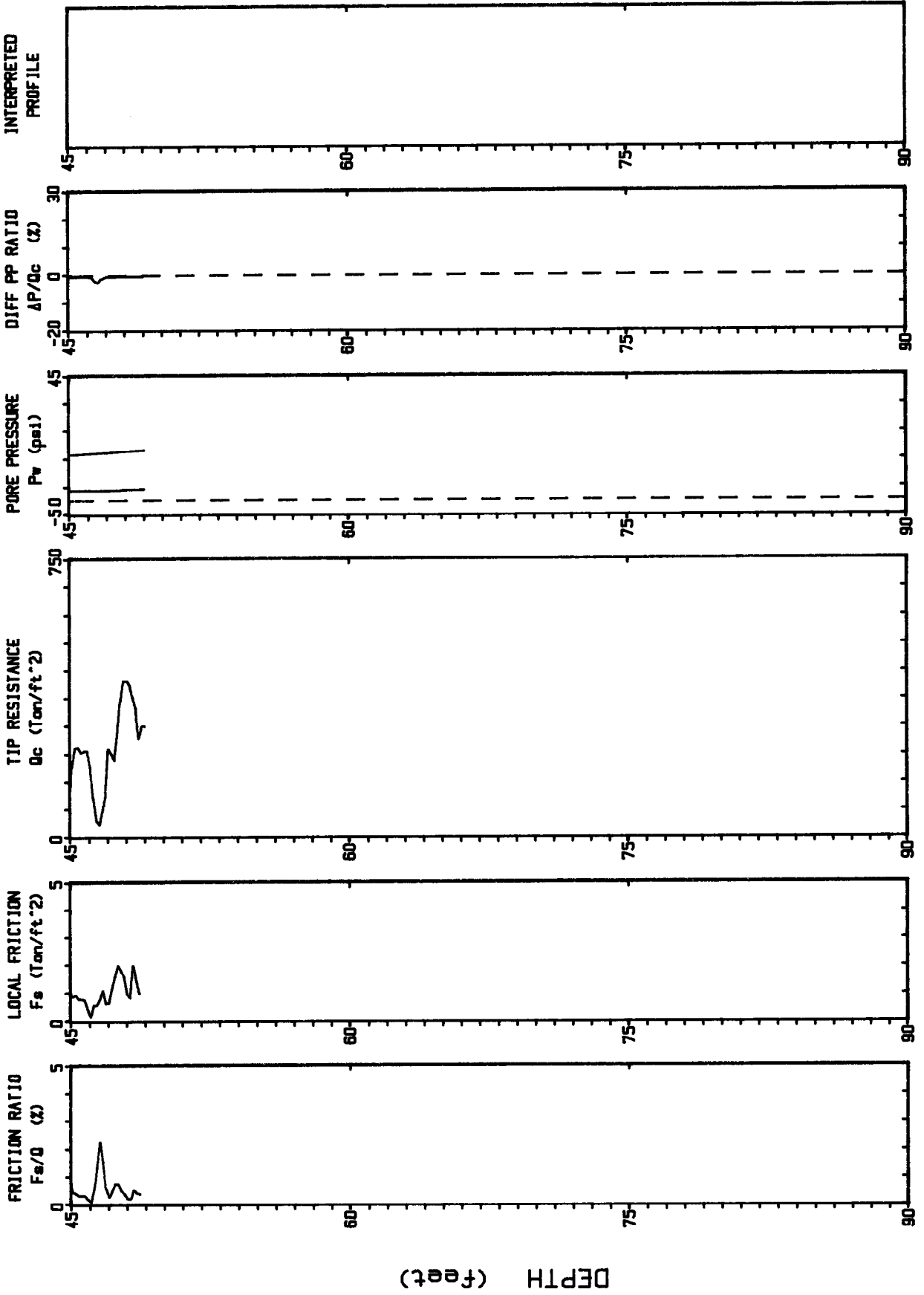


# V B I

Operator : VIRGIL A. BAKER  
Location : UC-7

CPT Date : 08-18-93 08:56  
Cone Used : HD 349 TC

Sounding : 93Z180 Pg 2 / 2  
Job No. :

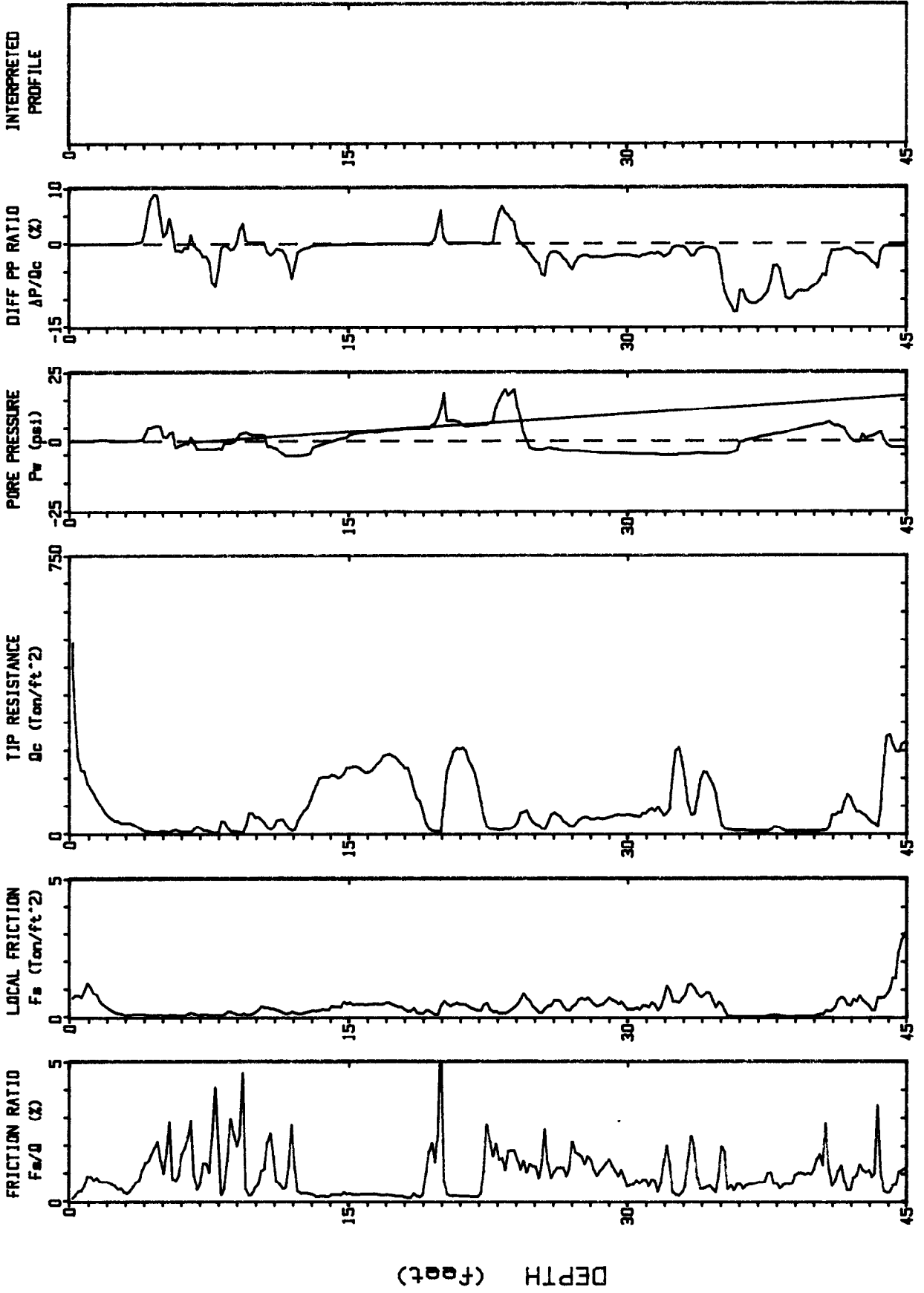


Depth Increment : .05 m

Max Depth : 49.05 ft

# V B I

Operator : VIRGIL A. BAKER      CPT Date : 08-18-93 09:45      Sounding : 93Z181 Pg 1 / 2  
Location : UC-8                      Cone Used : HO 349 TC                      Job No. :

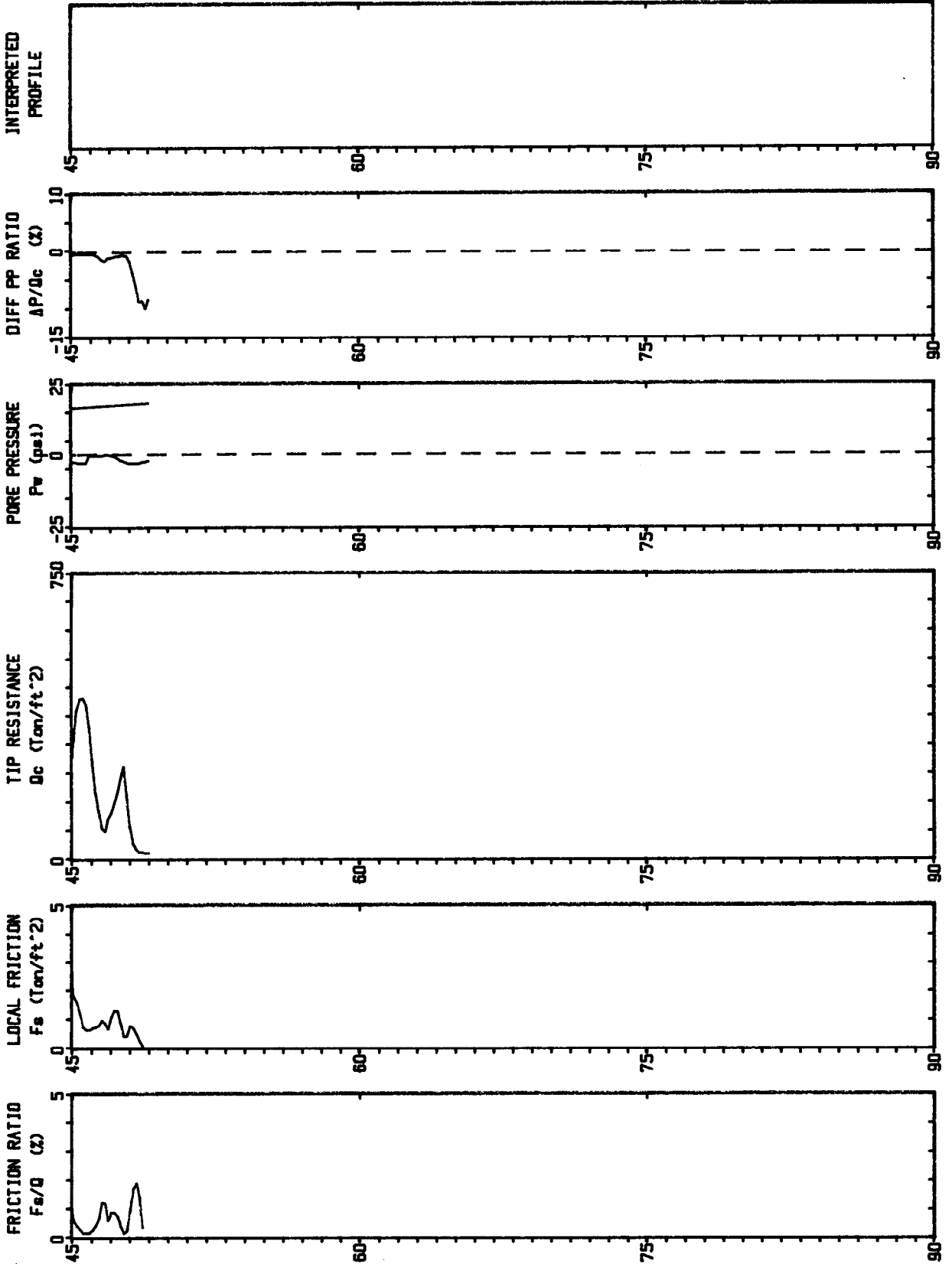


# V B I

Operator : VIRGIL A. BAKER  
Location : UC-8

CPT Date : 08-18-93 09:45  
Cone Used : HD 349 TC

Sounding : 93Z181 Pg 2 / 2  
Job No. :



Depth Increment : .05 m

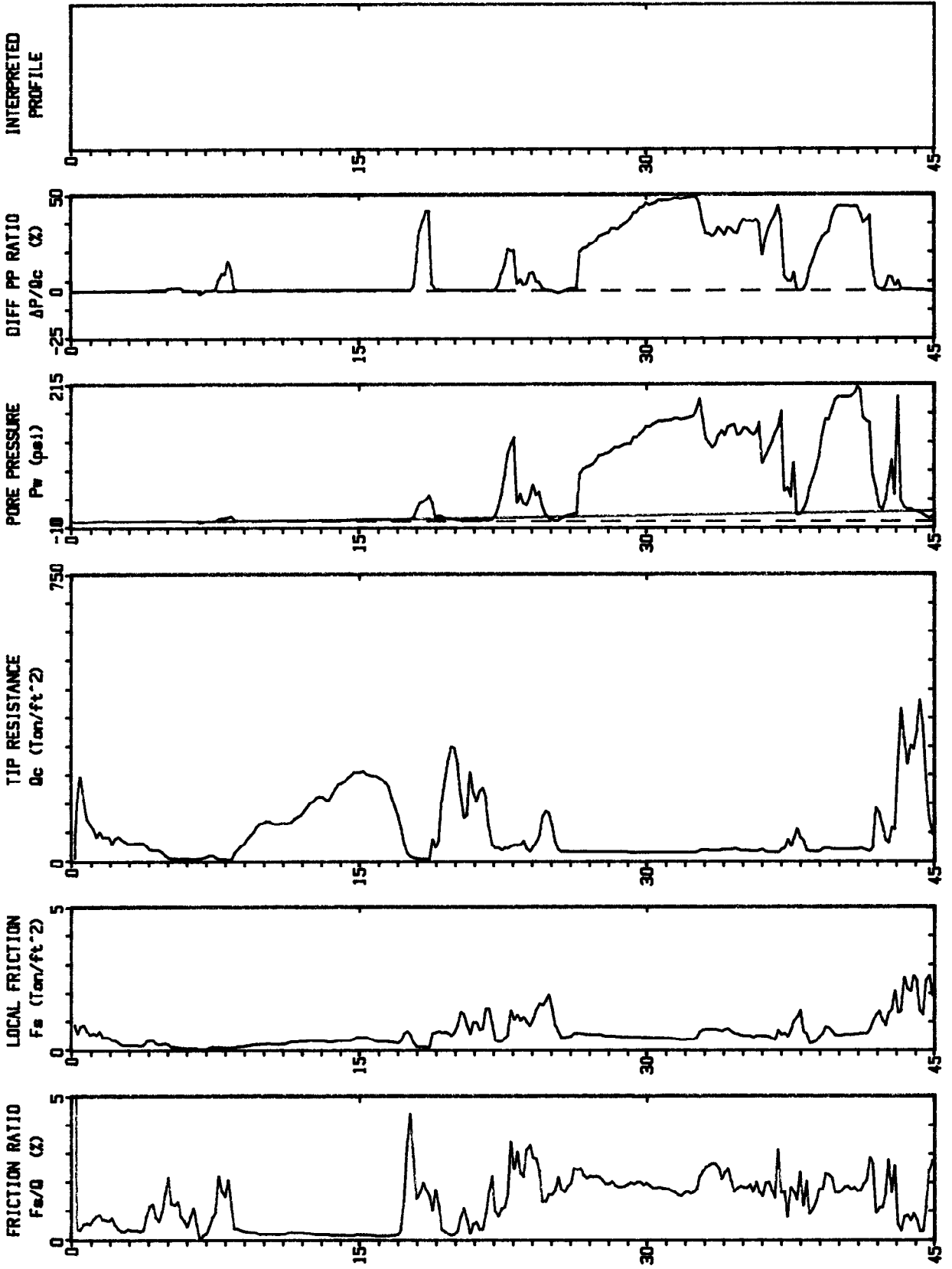
Max Depth : 49.05 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-8

CPT Date : 08-18-93 10:46  
Cone Used : HD 348 TC

Sounding : 93Z182 Pg 1 / 2  
Job No. : WOODWARD



DEPTH (feet)

Max Depth : 54.46 ft

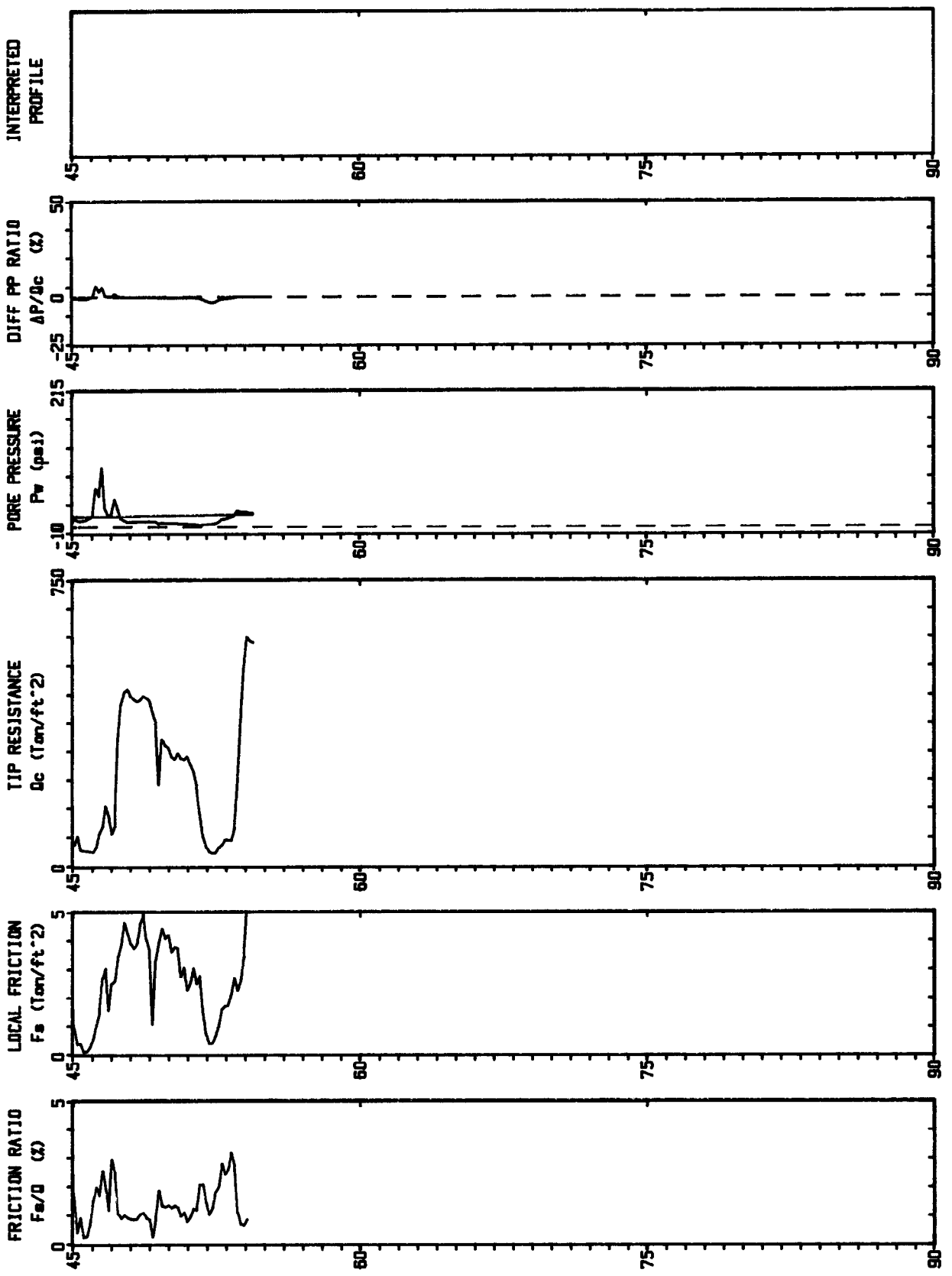
Depth Increment : .05 m

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-8

CPT Date : 08-16-93 10.46  
Cone Used : HD 349 TC

Sounding : 93Z182 Pg 2 / 2  
Job No. : WOODWARD



DEPTH (feet)

Depth Increment : .05 m

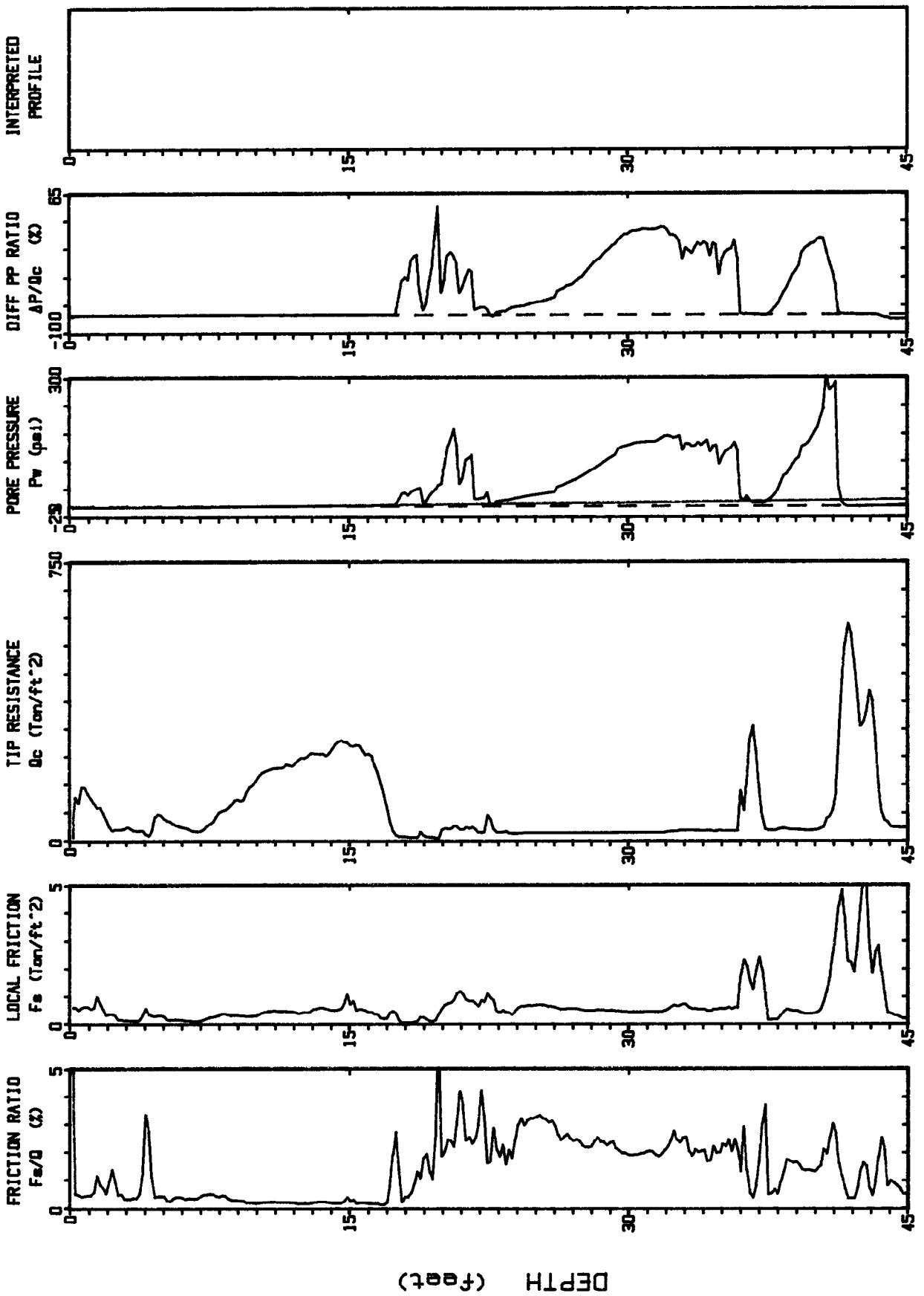
Max Depth : 54.46 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-10

CPT Date : 08-18-93 12.12  
Cone Used : HD 348 TC

Sounding : 93Z183 Pg 1 / 2  
Job No. : WOODWARD



Depth Increment : .05 m

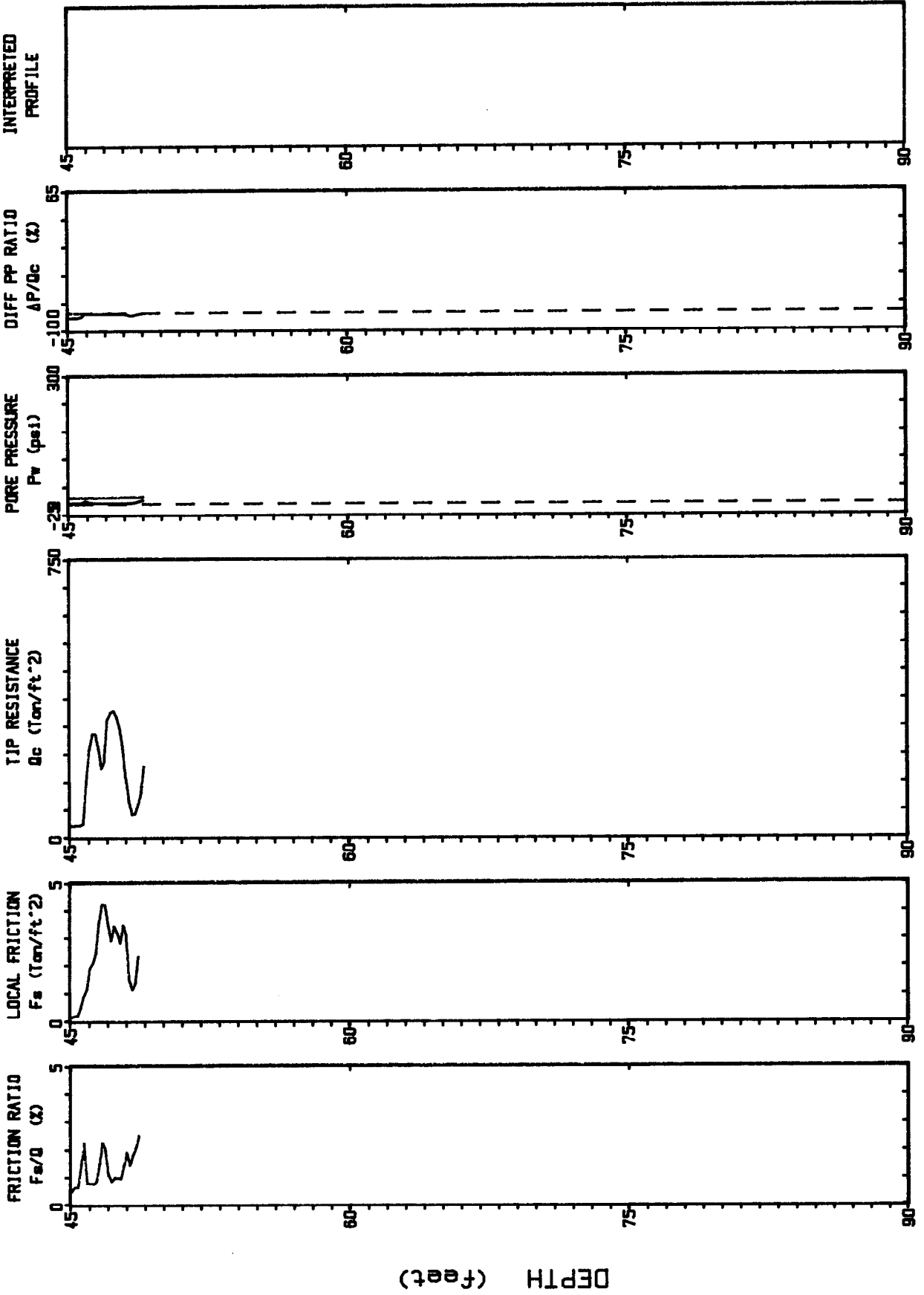
Max Depth : 49.05 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-10

CPT Date : 08-18-93 12.12  
Cone Used : HD 349 TC

Sounding : 93Z183 Pg 2 / 2  
Job No. : WOODWARD



Depth Increment : .05 m

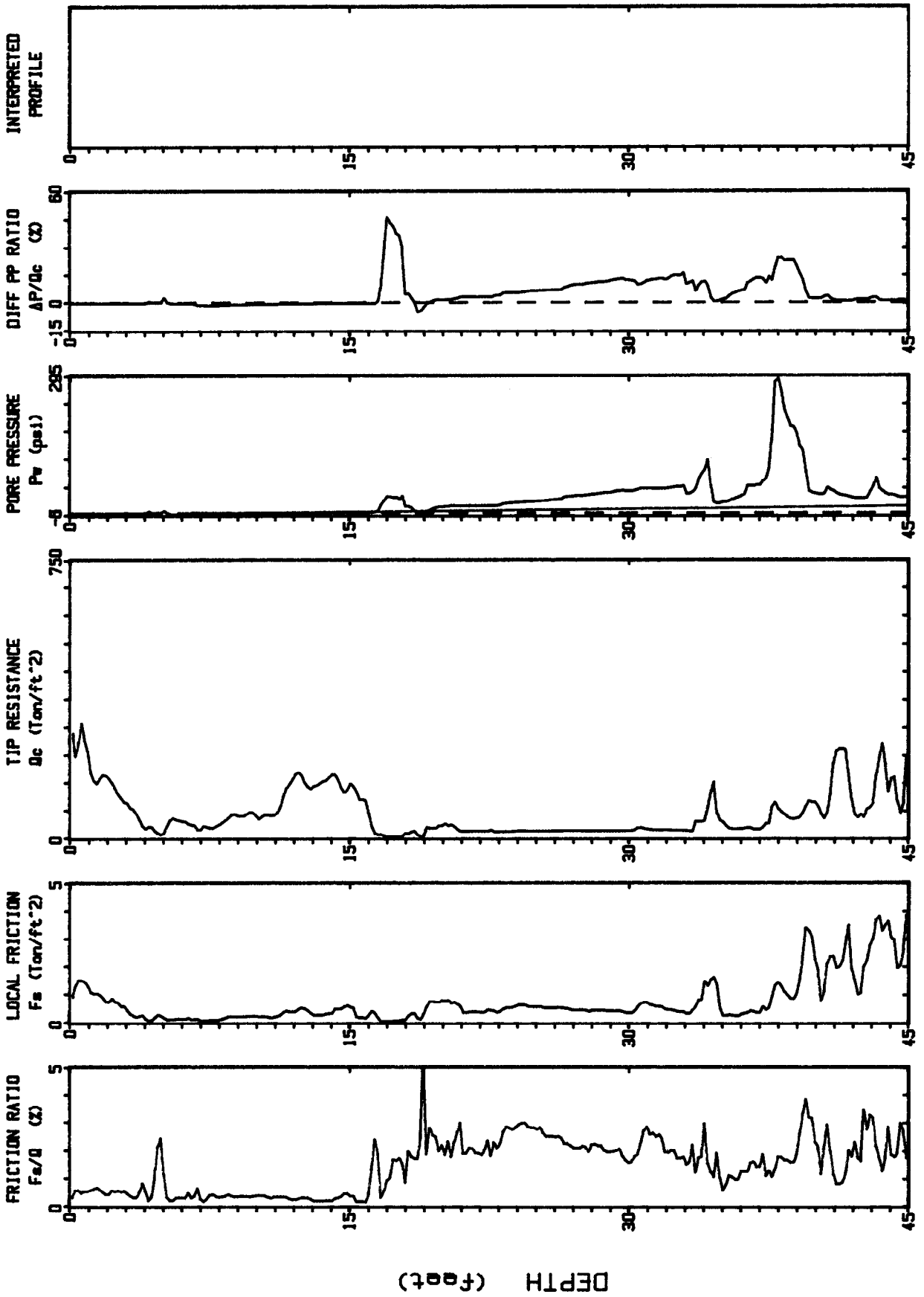
Max Depth : 49.05 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-11

CPT Date : 08-16-93 13:07  
Cone Used : HD 349 TC

Sounding : 93Z184 Pg 1 / 2  
Job No. : WOODWARD



Depth Increment : .05 m

Max Depth : 46.92 ft

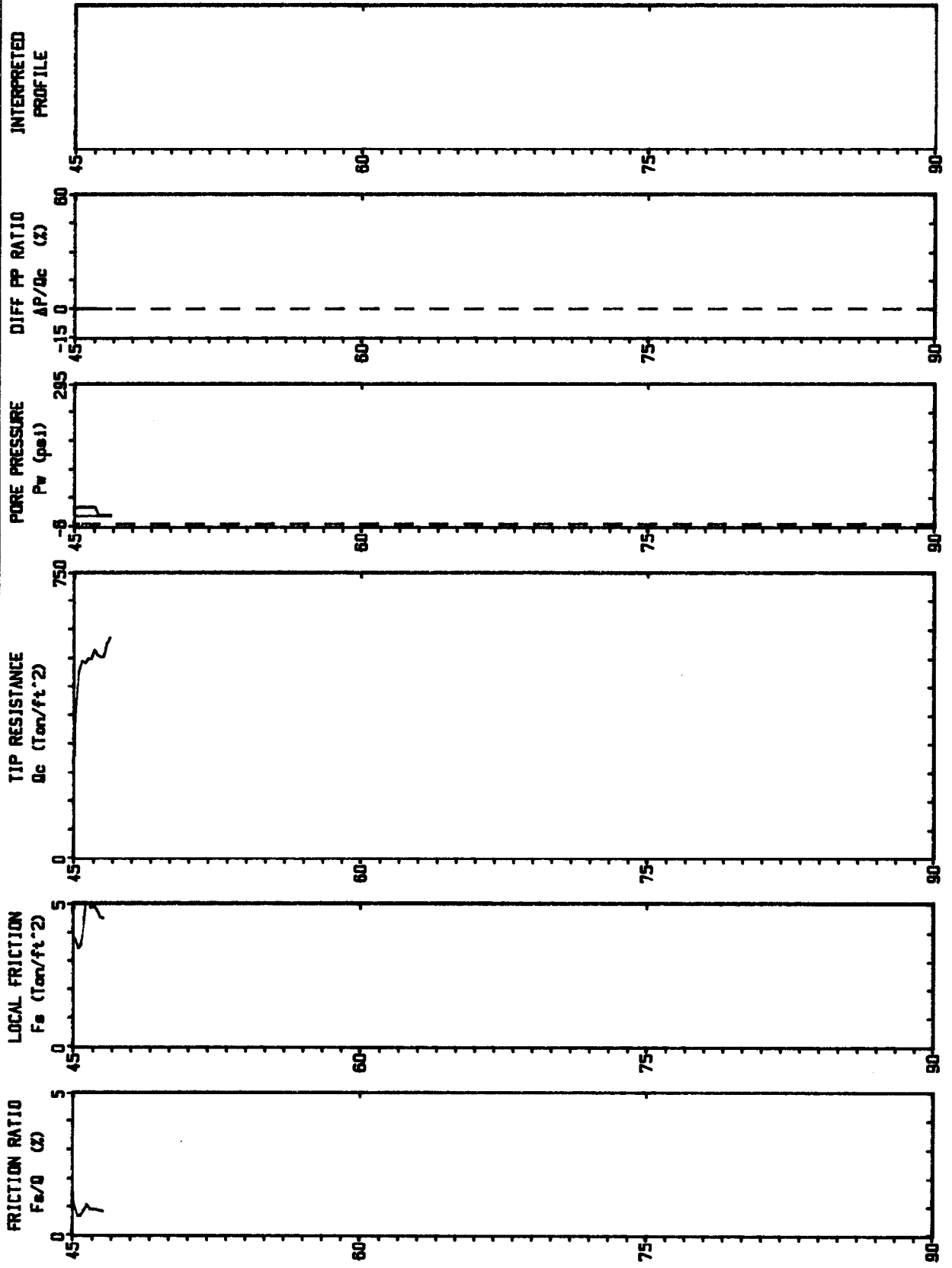


# V B I

Operator : VIRGIL A. BAKER  
 Location : UC-11

CPT Date : 08-18-83 13:07  
 Cone Used : HD 348 TC

Sounding : 93Z184 Pg 2 / 2  
 Job No. : WOODWARD

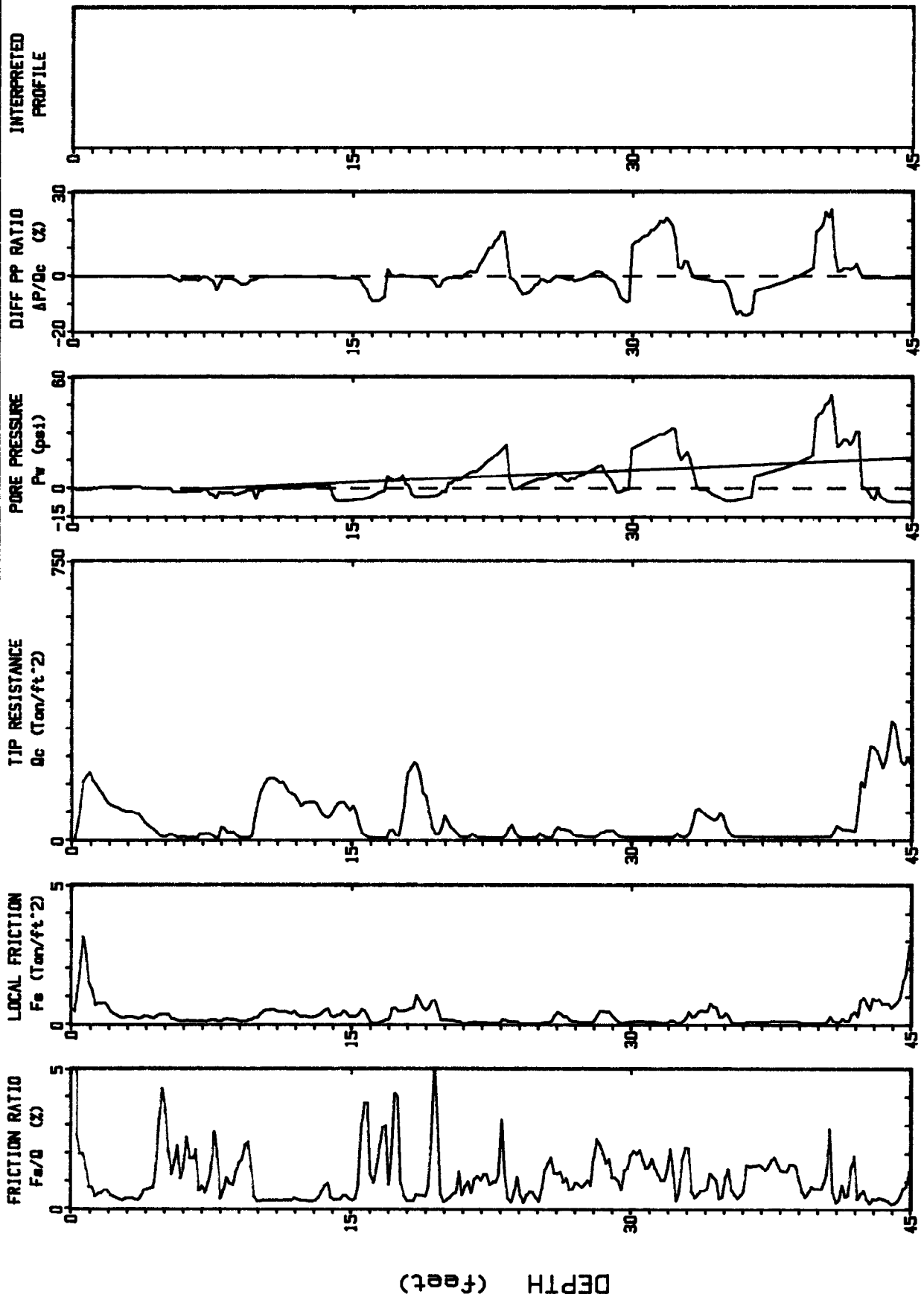


Depth Increment : .05 m

Max Depth : 46.92 ft

V B I

Operator : VIRGIL A. BAKER  
Location : UC-12  
CPT Date : 08-18-93 14:20  
Cone Used : HD 349 TC  
Sounding : 93Z185 Pg 1 / 2  
Job No. : HARBOR OFFICE



Max Depth : 49.54 ft

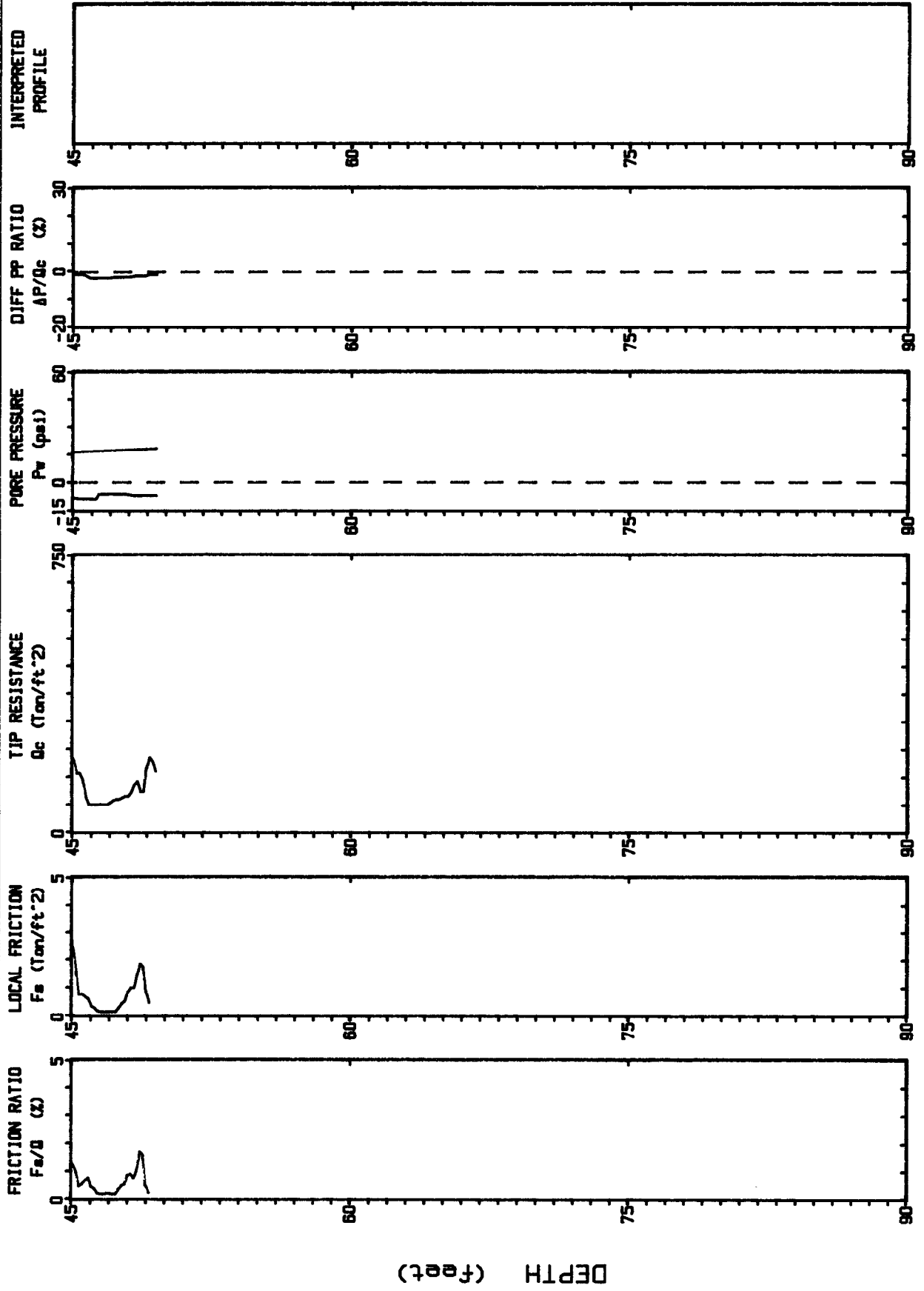
Depth Increment : .05 m

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-12

CPT Date : 08-16-93 14:20  
Cone Used : HD 349 TC

Sounding : 93Z185 Pg 2 / 2  
Job No. : HARBOR OFFICE



Depth Increment : .05 m

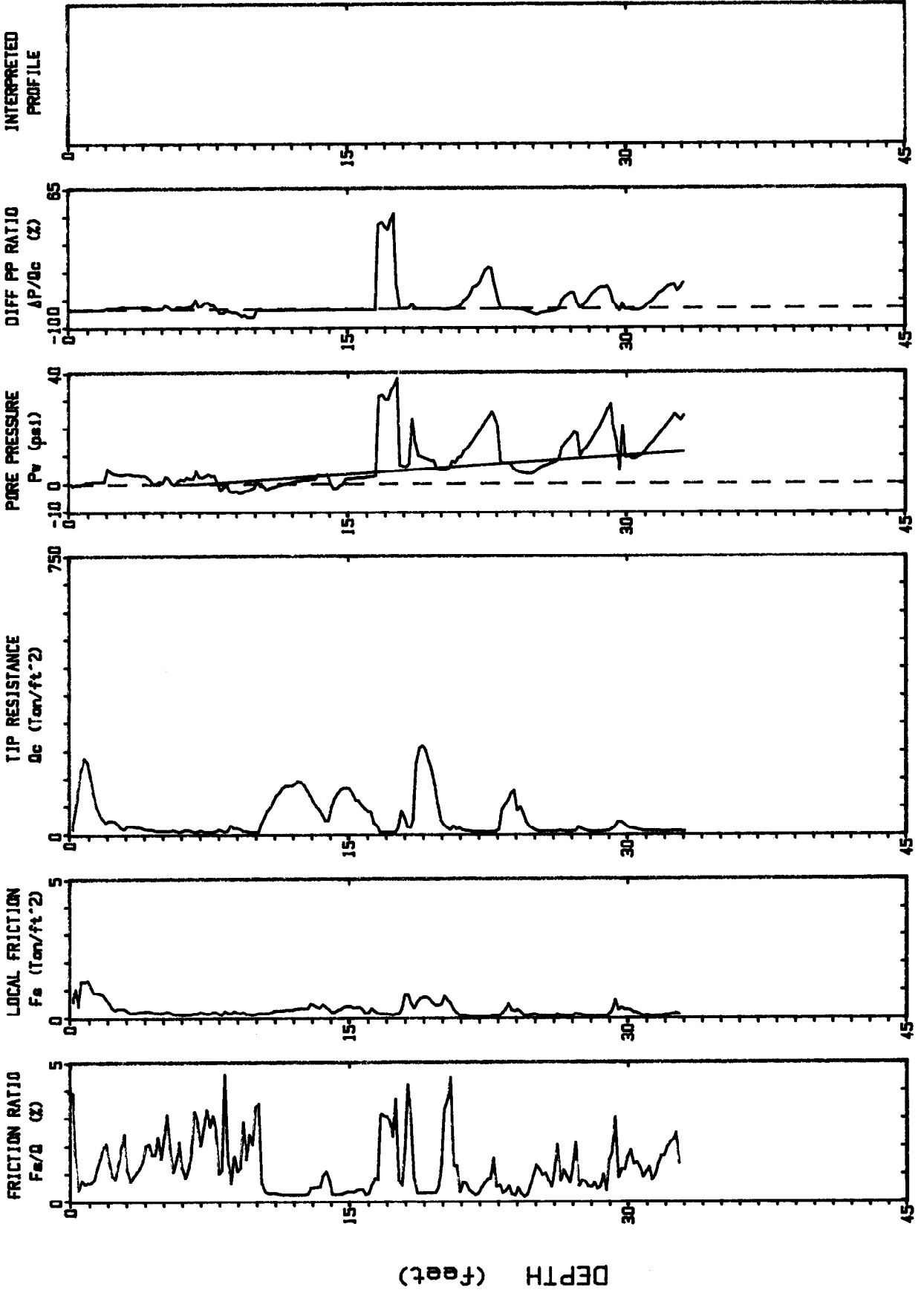
Max Depth : 49.54 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-13

CPT Date : 08-19-93 08:40  
Cone Used : HD 348 TC

Sounding : 93Z186 Pg 1 / 1  
Job No. : HARBOR OFFICE



Depth Increment : .05 m

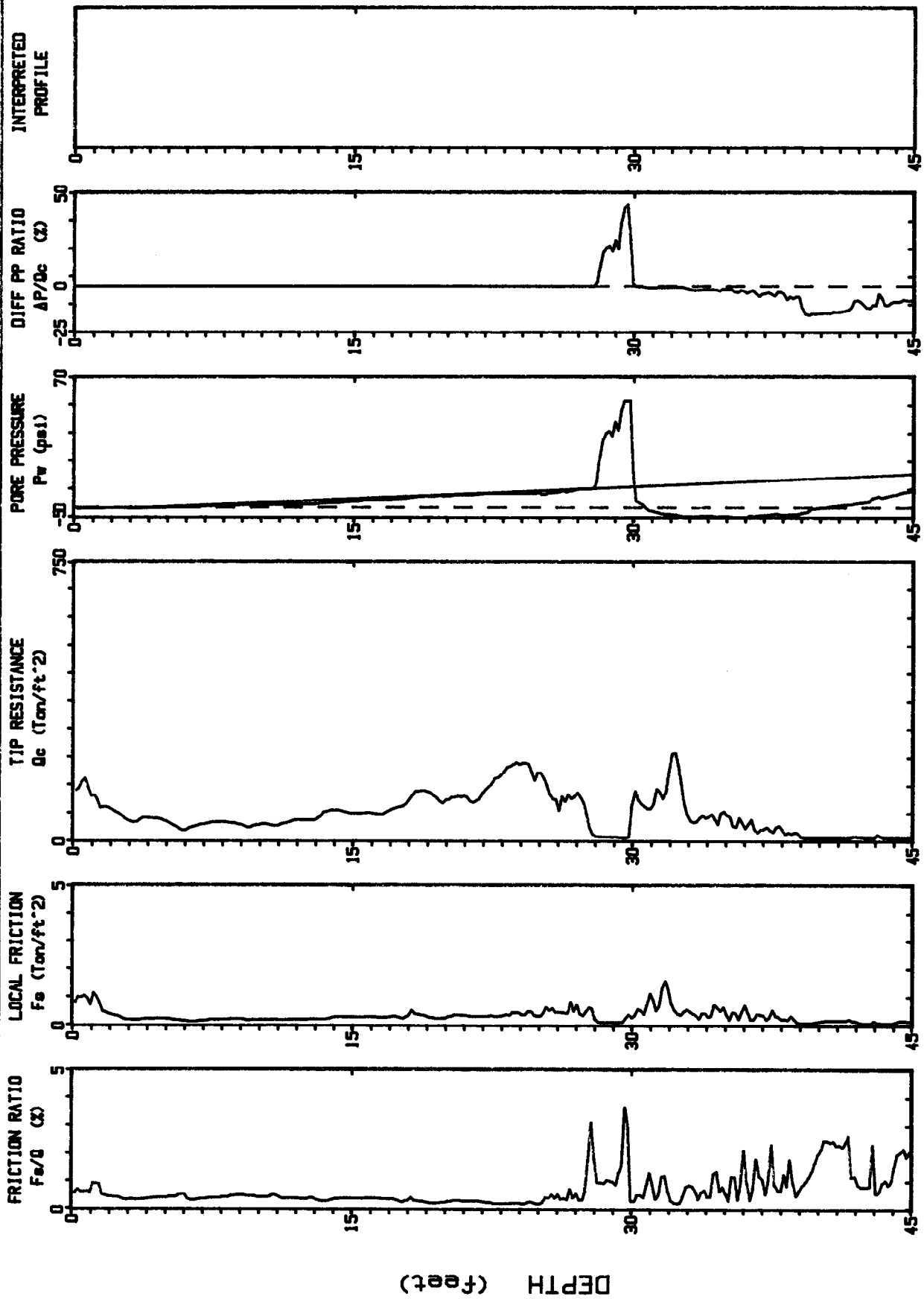
Max Depth : 33.14 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-14

CPT Date : 08-19-93 09.43  
Cone Used : HD 349 TC

Sounding : 93Z187 Pg 1 / 2  
Job No. : STATE BEACH



Depth Increment : .05 m

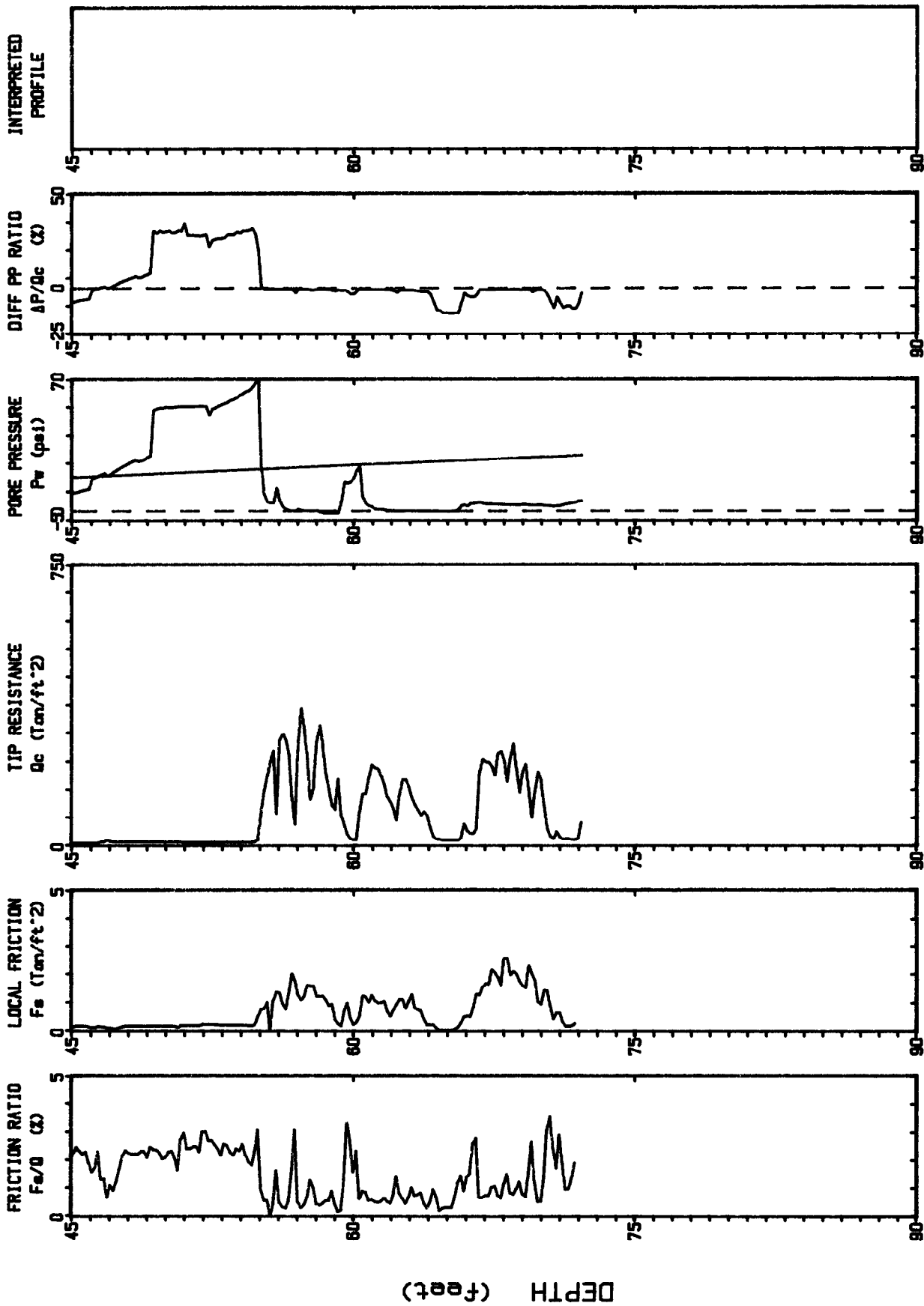
Max Depth : 72.18 ft

# VBI

Operator : VIRGIL A. BAKER  
Location : UC-14

CPT Date : 08-19-93 08:43  
Cone Used : HQ 348 TC

Sounding : 93Z187 Pg 2 / 2  
Job No. : STATE BEACH



Depth Increment : .05 m

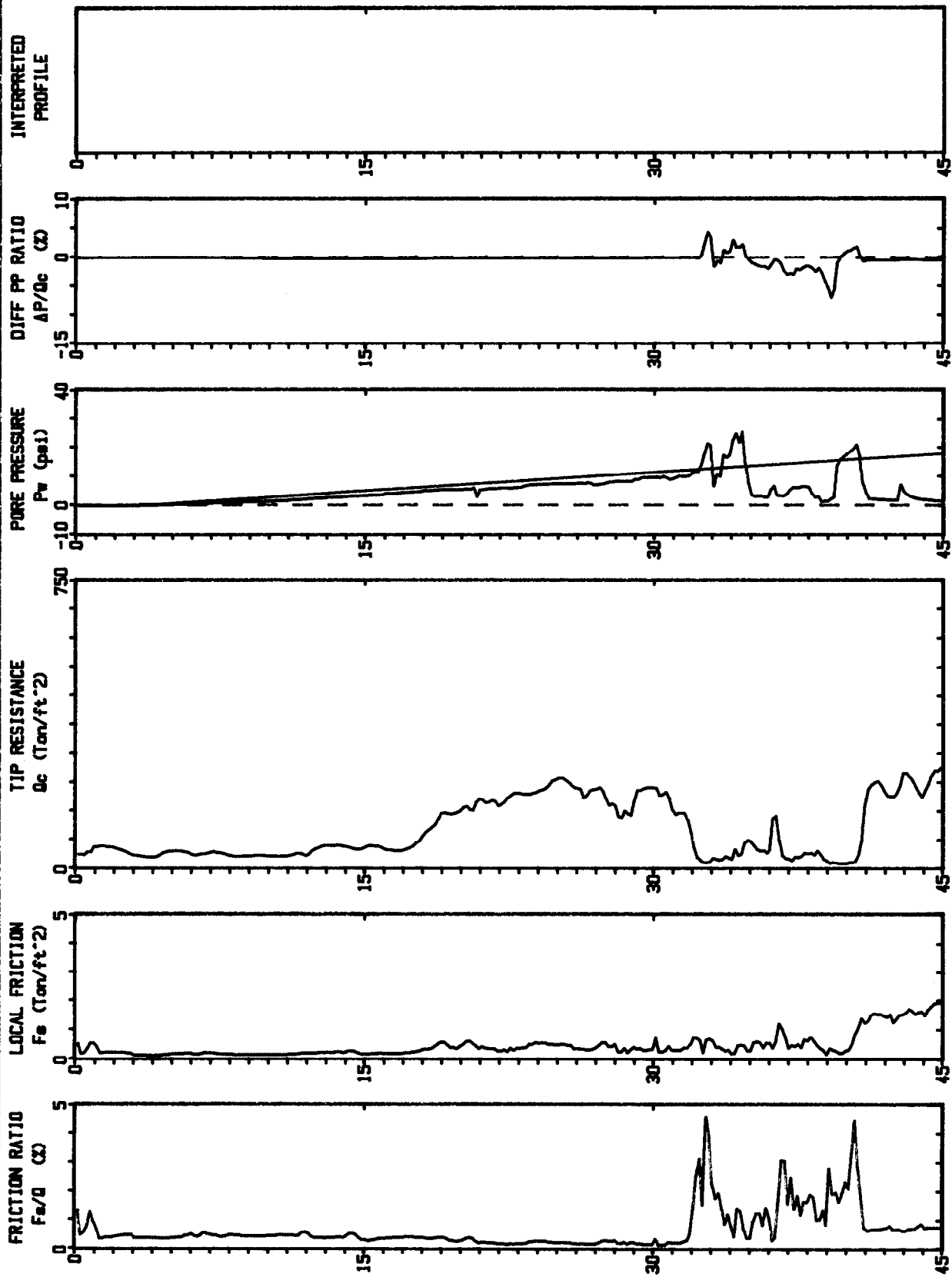
Max Depth : 72.18 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-15

CPT Date : 08-19-93 10:43  
Cone Used : HD 348 TC

Sounding : 93Z188 Pg 1 / 2  
Job No. : STATE BEACH



Depth Increment : .05 m

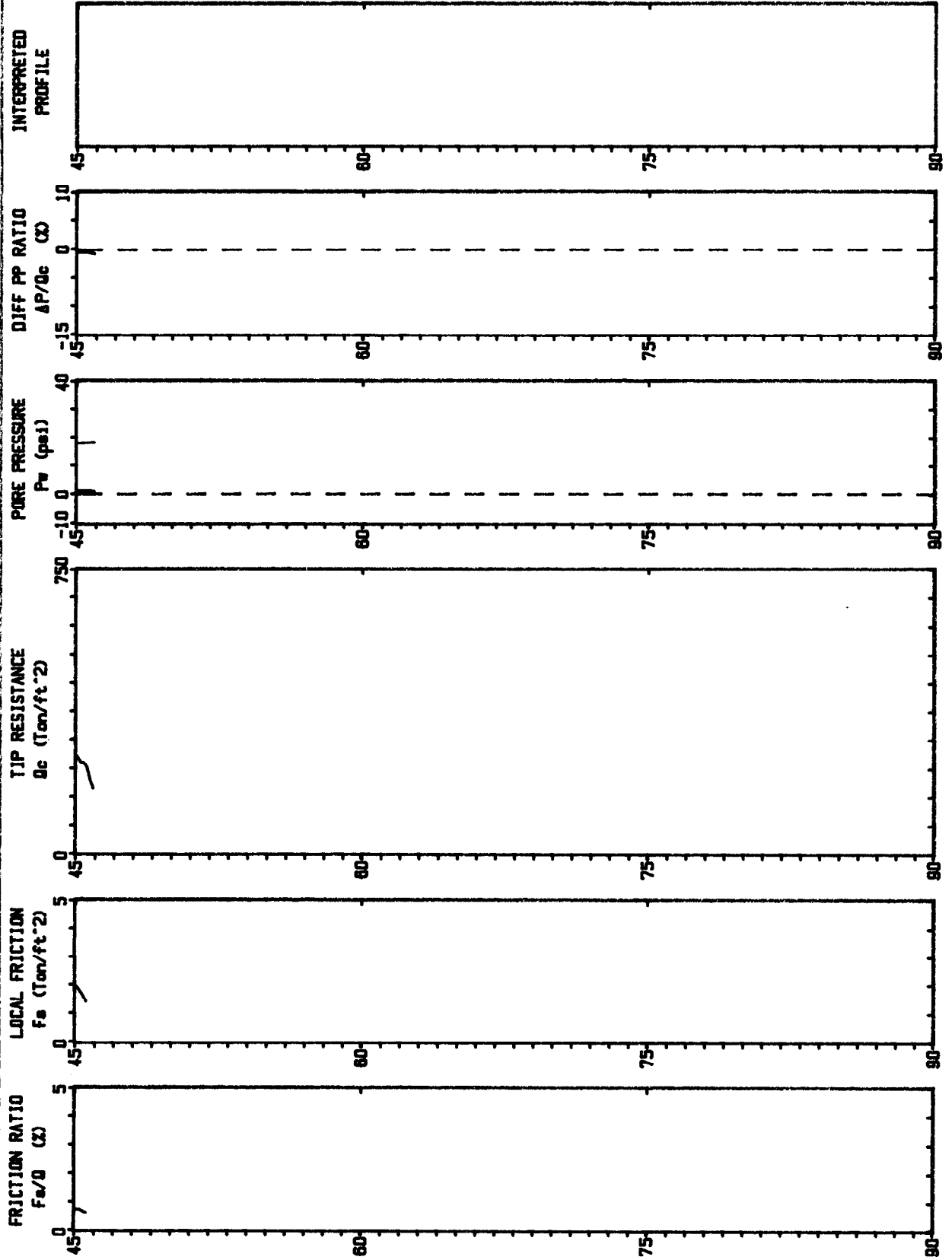
Max Depth : 45.93 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-15

CPT Date : 08-19-93 10:43  
Cone Used : HQ 348 TC

Sounding : 93Z188 Pg 2 / 2  
Job No. : STATE BEACH



Depth Increment : .05 m

Max Depth : 45.93 ft

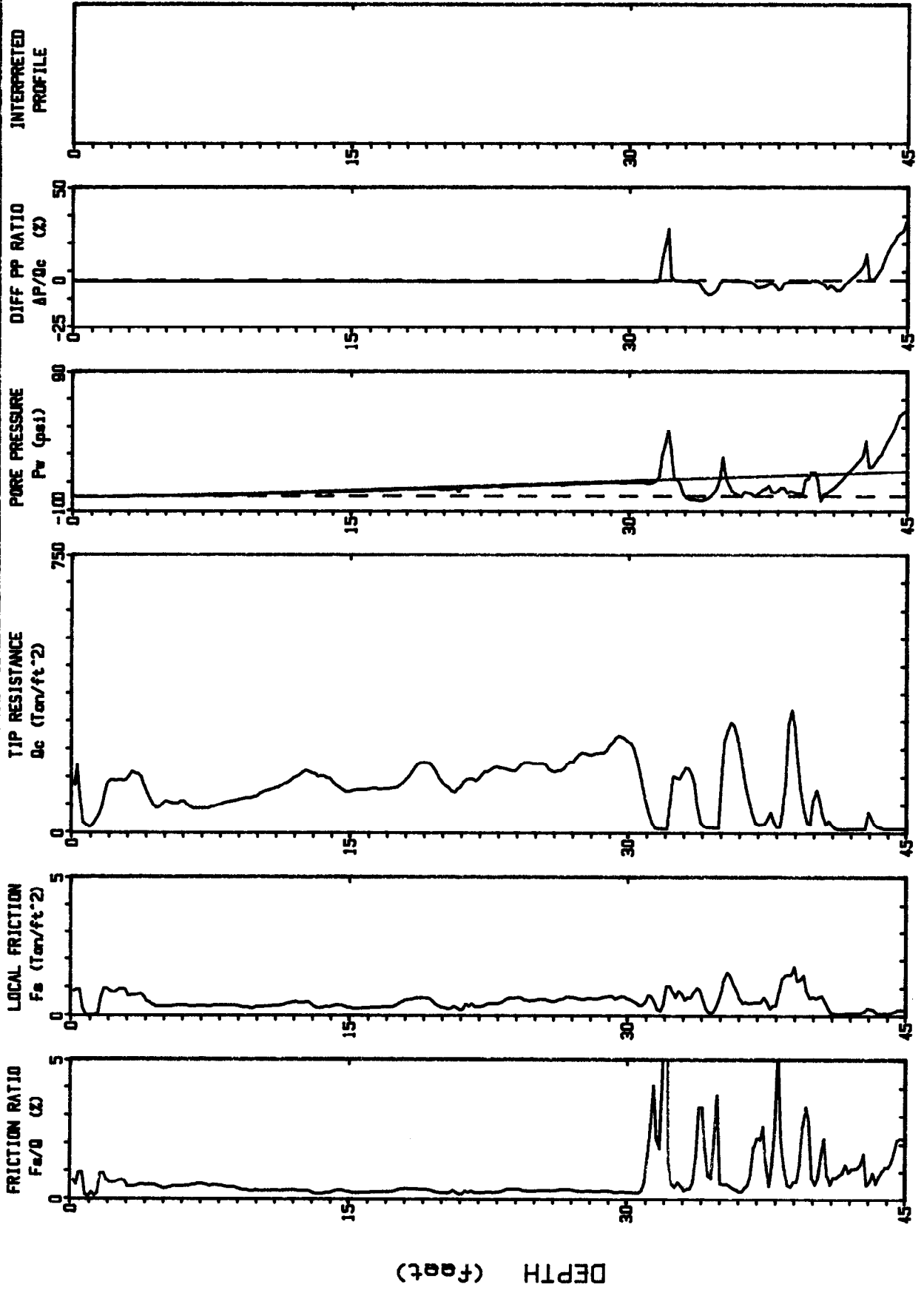


# V B I

Operator : VIRGIL A. BAKER  
Location : UC-16

CPT Date : 08-19-93 12:20  
Cone Used : HO 349 TC

Sounding : 93Z189 Pg 1 / 2  
Job No. : STATE BEACH



Depth Increment : .05 m

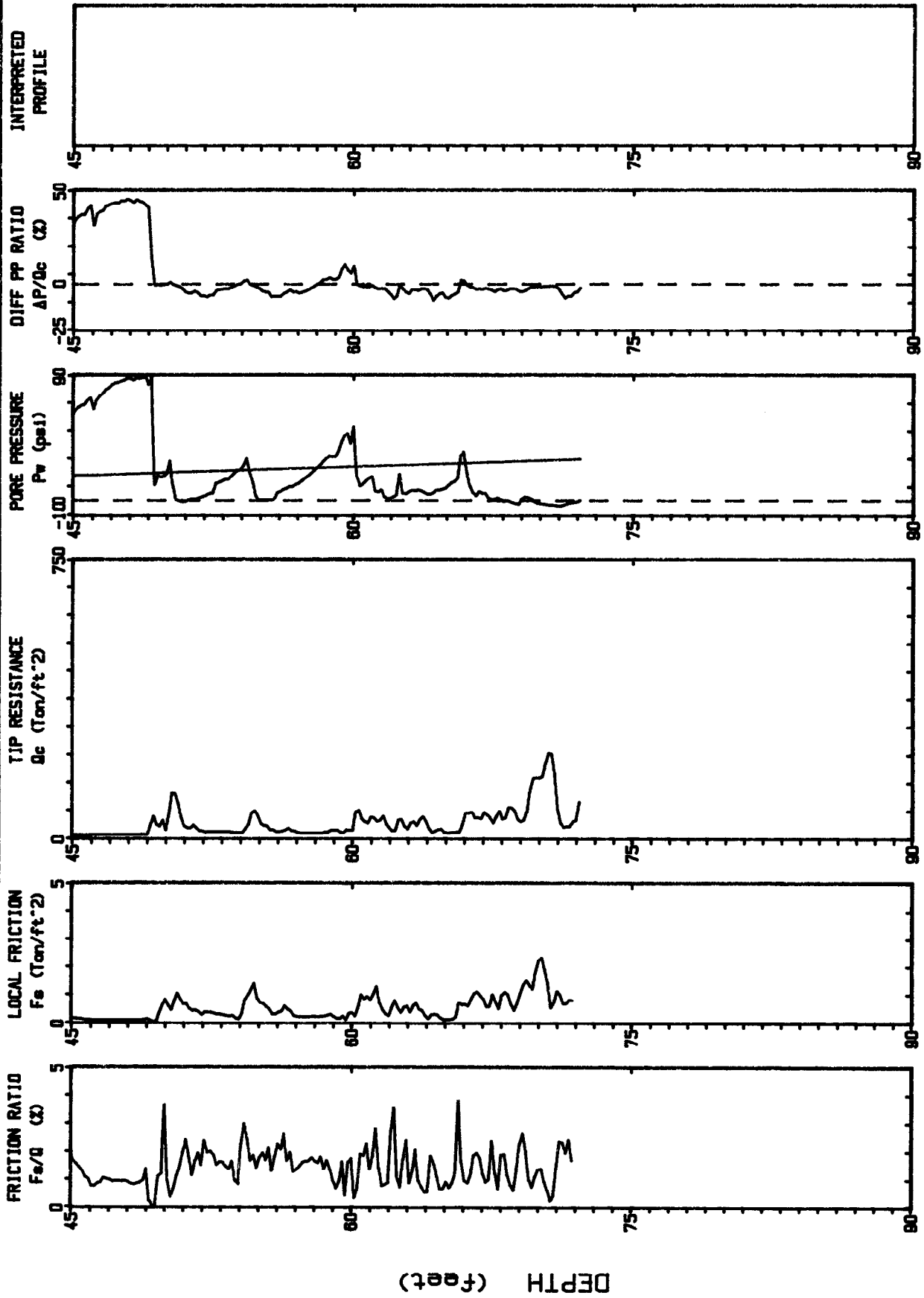
Max Depth : 72.18 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-16

CPT Date : 08-19-93 12:20  
Cone Used : HD 349 TC

Sounding : 93Z189 Pg 2 / 2  
Job No. : STATE BEACH



Depth Increment : .05 m

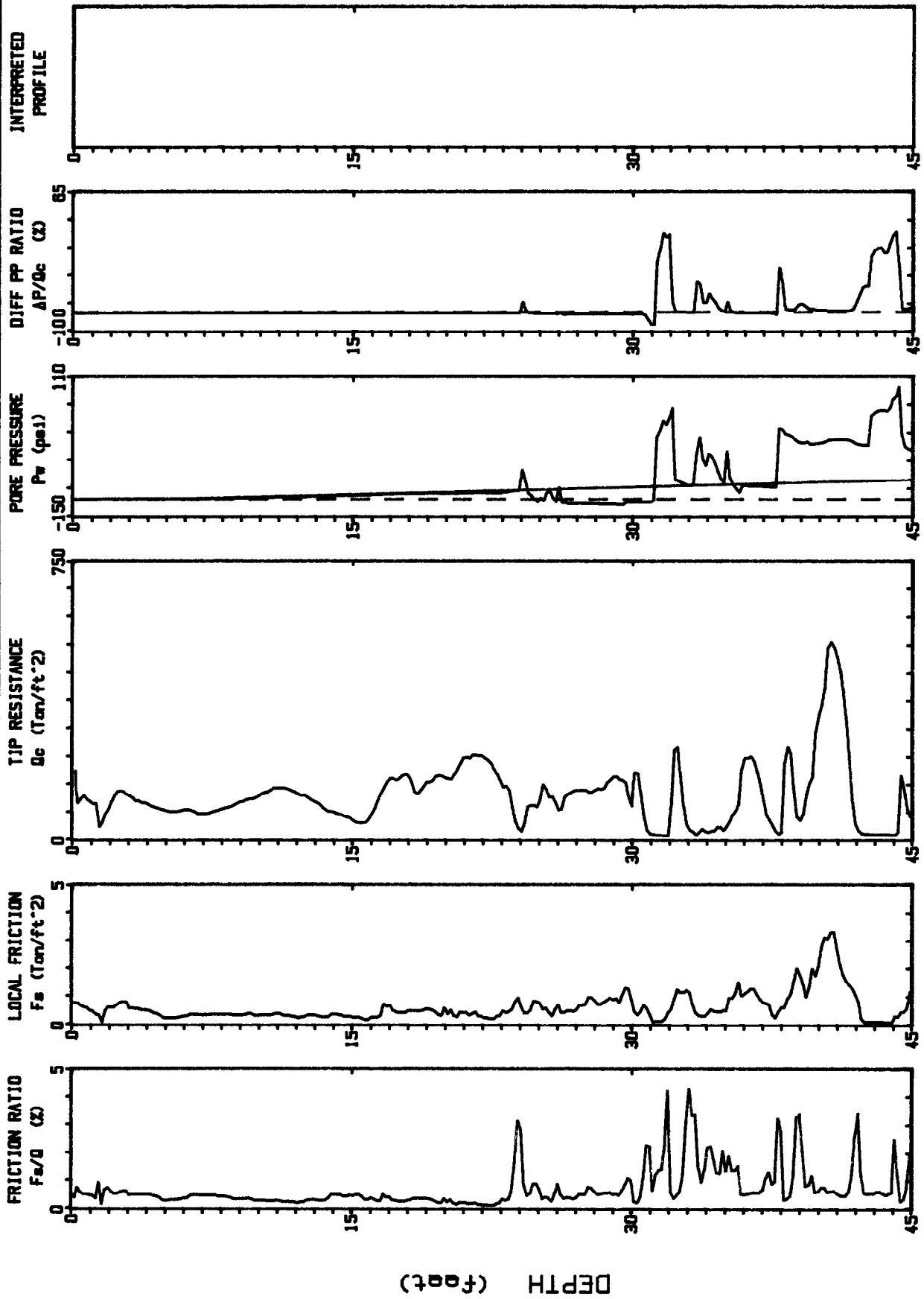
Max Depth : 72.18 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-17

CPT Date : 08-19-93 13:56  
Cone Used : HD 348 TC

Sounding : 93Z190 Pg 1 / 2  
Job No. : STATE BEACH



Depth Increment : .05 m

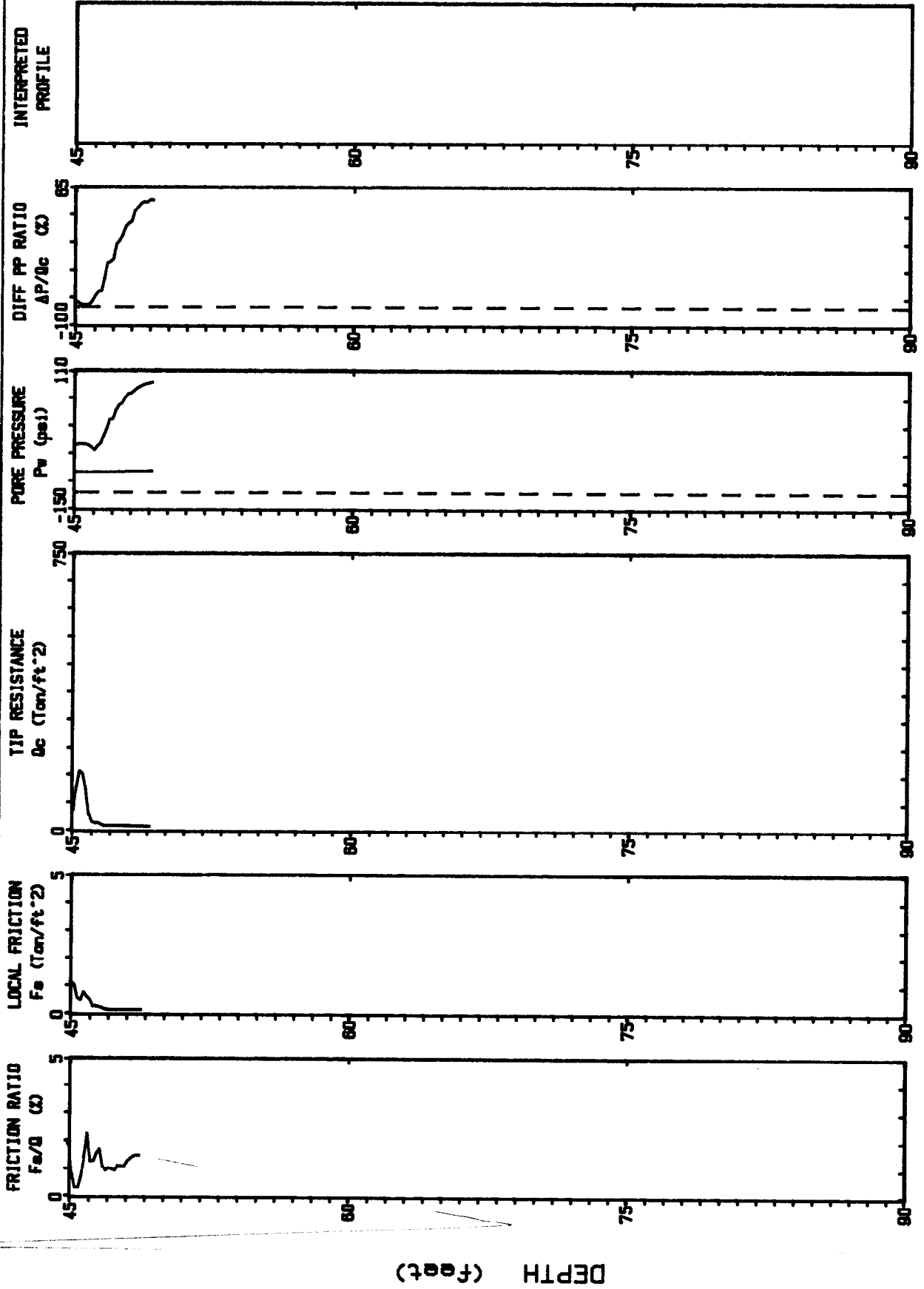
Max Depth : 49.21 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-17

CPT Date : 08-18-93 13:56  
Cone Used : HD 349 TC

Sounding : 93Z180 Pg 2 / 2  
Job No. : STATE BEACH



Depth Increment : .05 m

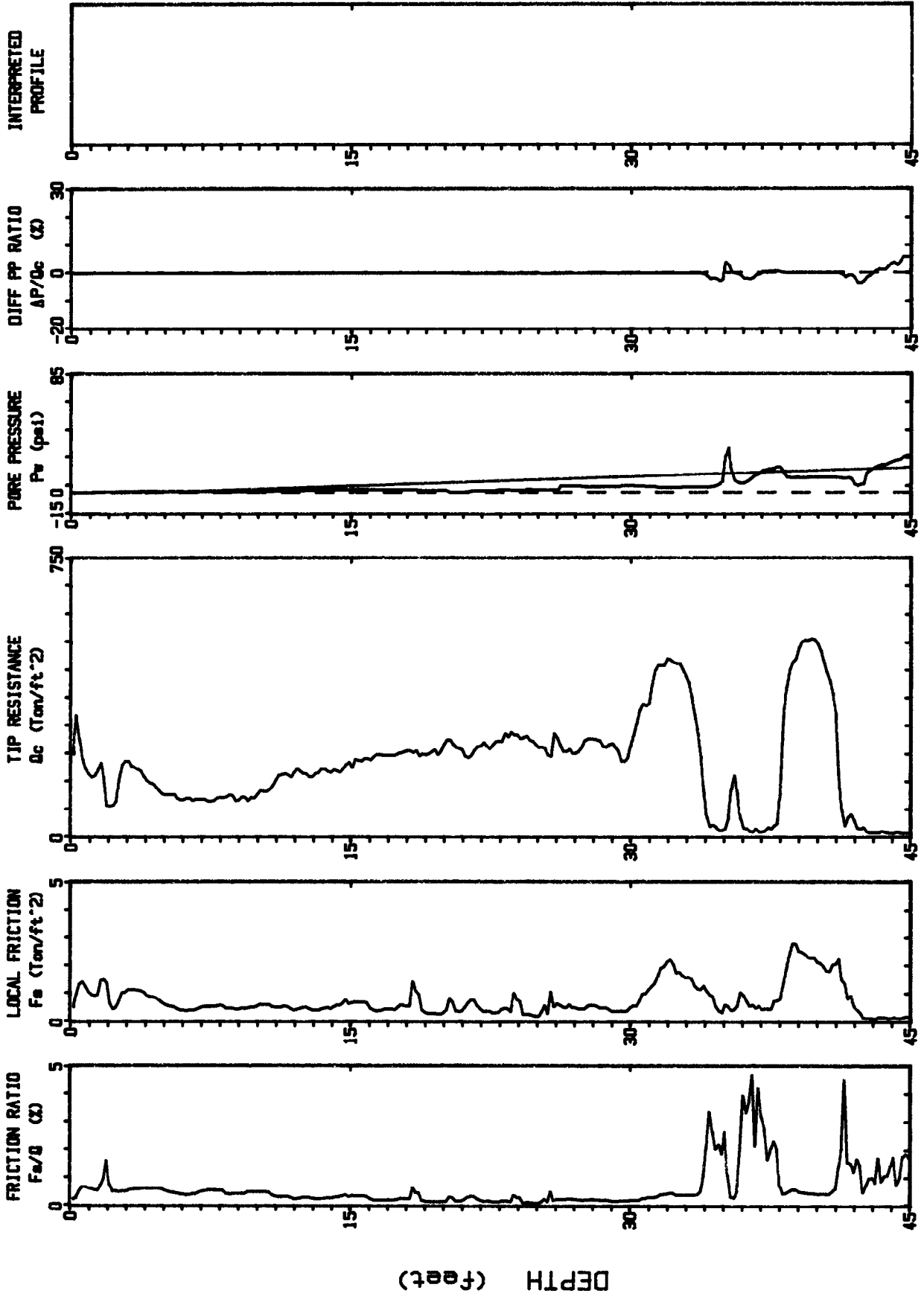
Max Depth : 49.21 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-18

CPT Date : 08-19-93 14:48  
Cone Used : HD 349 TC

Sounding : 93Z181 Pg 1 / 2  
Job No. : STATE BEACH



Depth Increment : .05 m

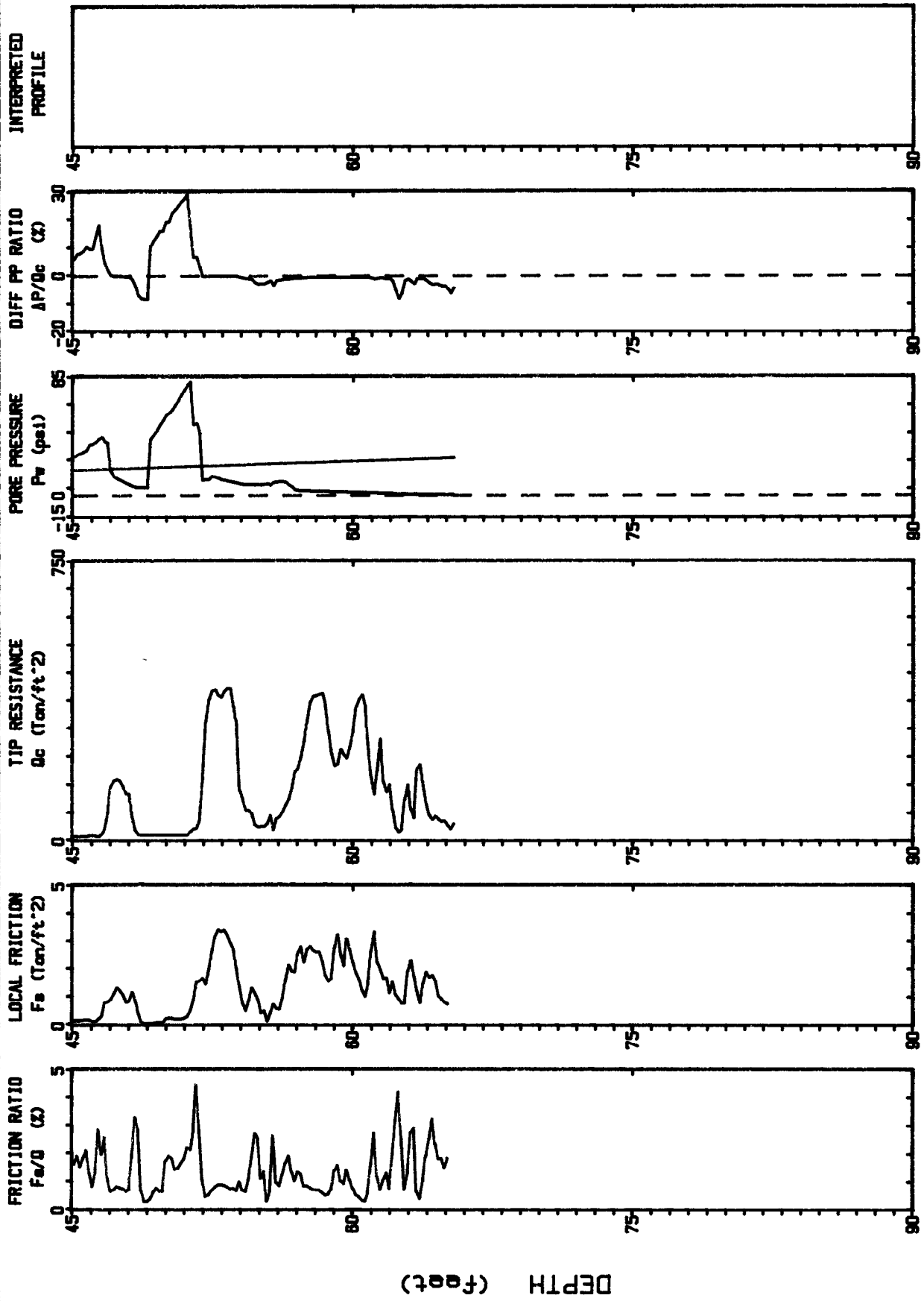
Max Depth : 65.45 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-18

CPT Date : 08-19-93 14:49  
Cone Used : HC 349 TC

Sounding : 93Z181 Pg 2 / 2  
Job No. : STATE BEACH



Depth Increment : .05 m

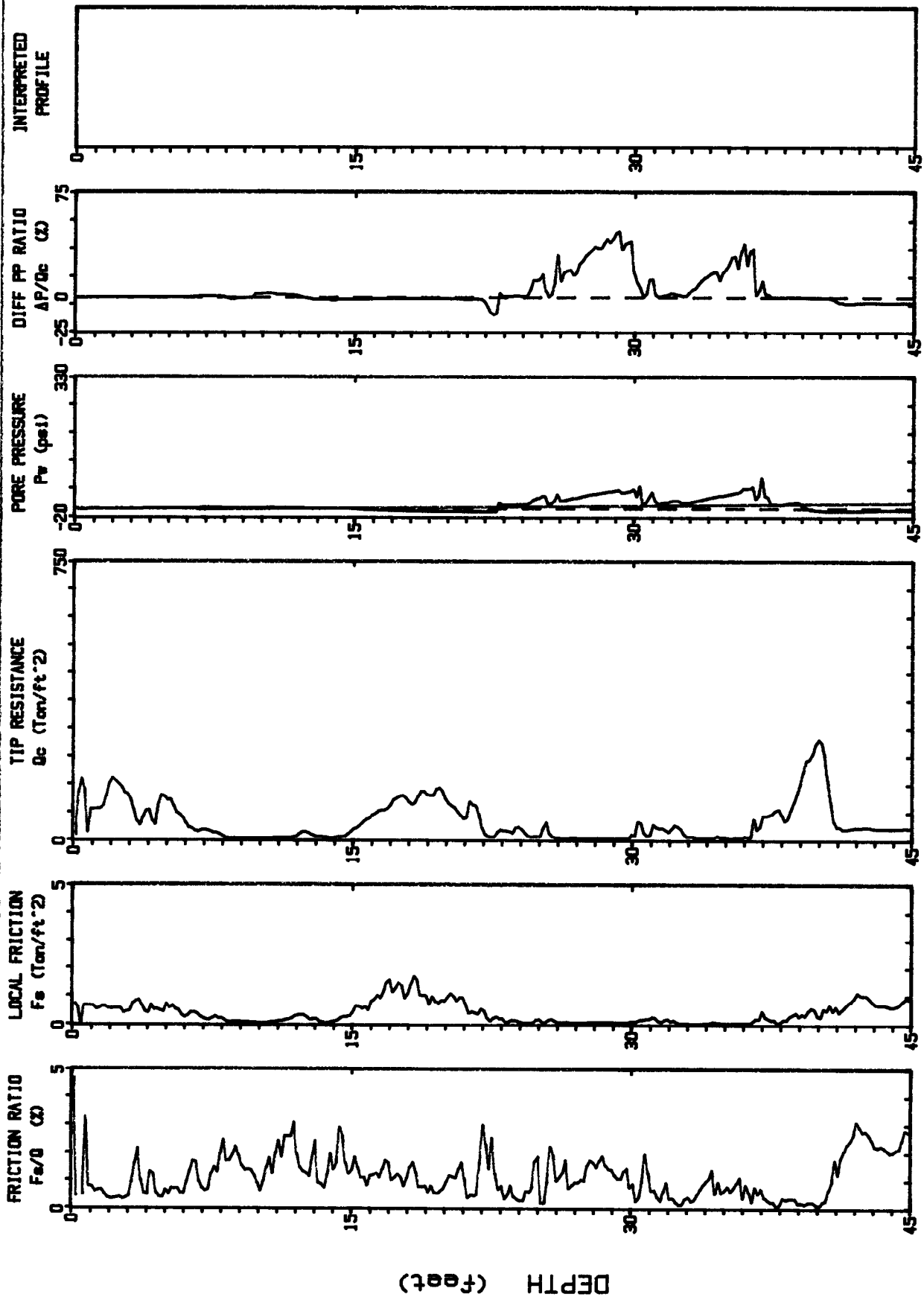
Max Depth : 65.45 ft

V B I

Operator : VIRGIL A. BAKER  
Location : UC-18

CPT Date : 08-20-93 09.06  
Cone Used : HD 349 TC

Sounding : 93Z192 Pg 1 / 2  
Job No. : HARBOR OFFICE



Depth Increment : .05 m

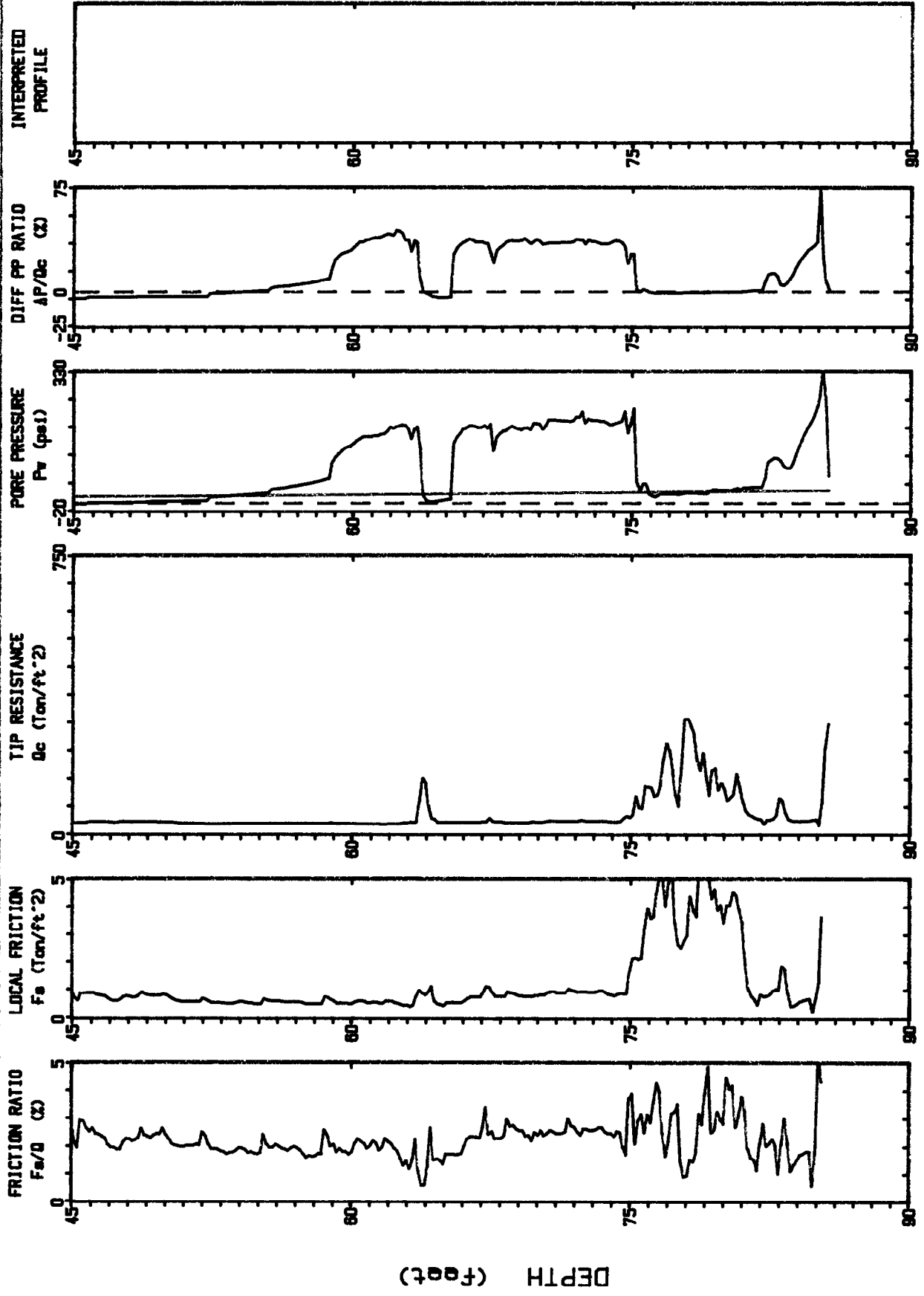
Max Depth : 85.63 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-19

CPT Date : 08-20-93 09.06  
Cone Used : HD 349 TC

Sounding : 93Z192 Pg 2 / 2  
Job No. : HARBOR OFFICE



Depth Increment : .05 m

Max Depth : 85.63 ft

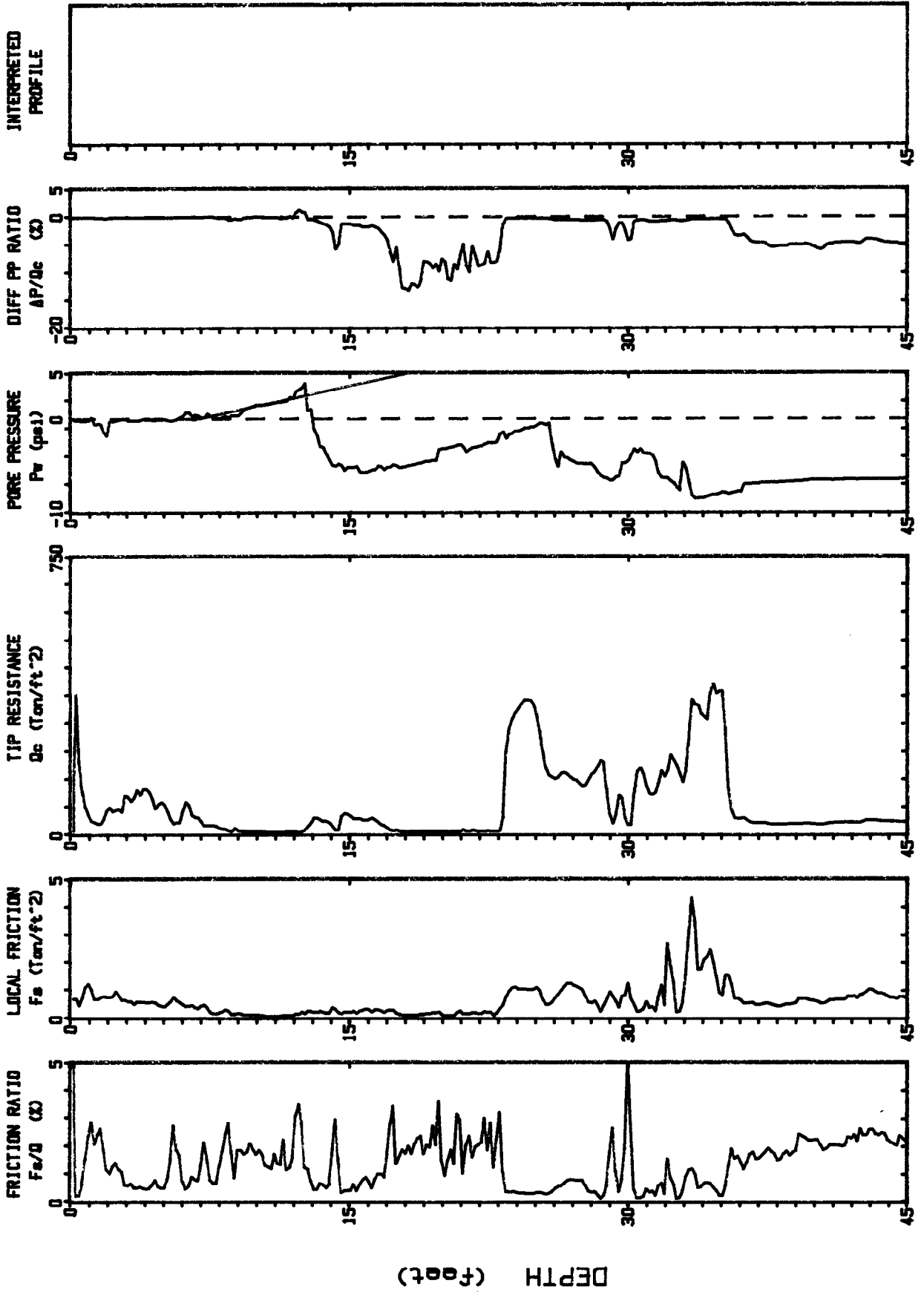


# V B I

Operator : VIRGIL A. BAKER  
Location : UC-20

CPT Date : 08-20-93 11:21  
Cone Used : HQ 349 TC

Sounding : 93Z193 Pg 1 / 2  
Job No. : HARBOR OFFICE



Depth Increment : .05 m

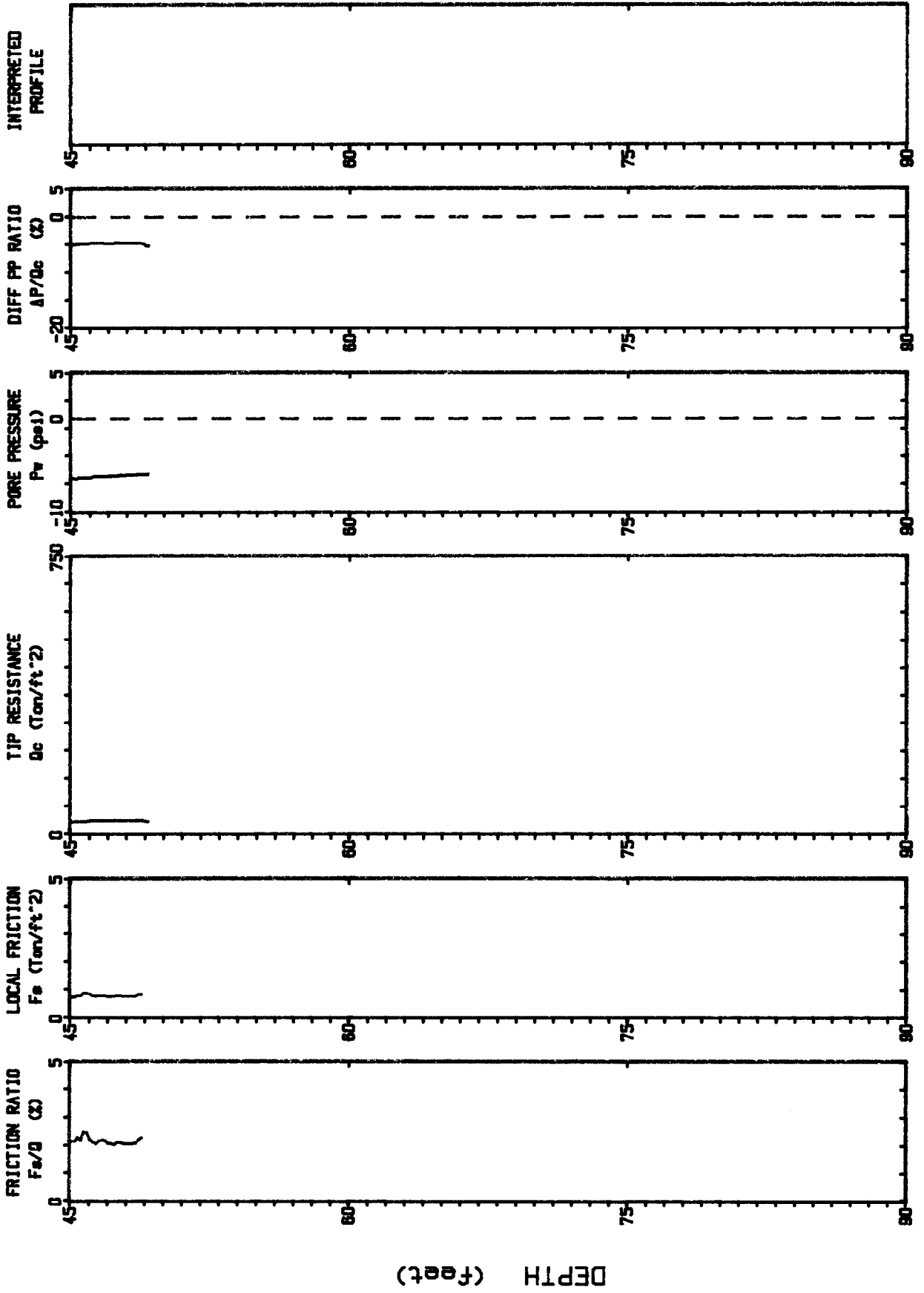
Max Depth : 49.21 ft

# V B I

Operator : VIRGIL A. BAKER  
 Location : UC-20

CPT Date : 08-20-93 11:21  
 Cone Used : HD 349 TC

Sounding : 93Z193 Pg 2 / 2  
 Job No. : HARBOR OFFICE



Depth Increment : .05 m

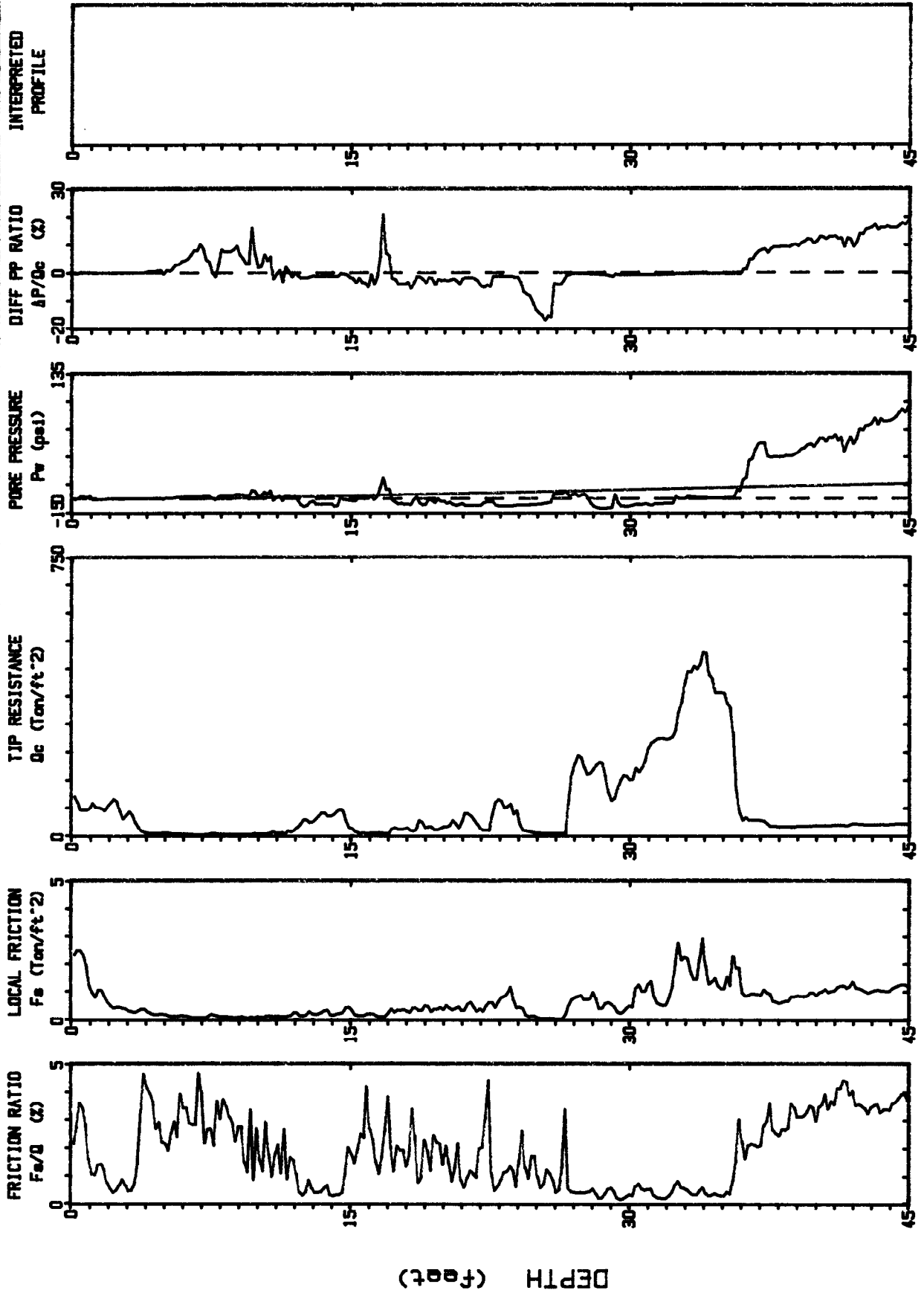
Max Depth : 49.21 ft

# V B I

Operator : VIRGIL A. BAKER  
Location : UC-21

CPT Date : 08-20-93 12.50  
Cone Used : HO 349 TC

Sounding : 93Z195 Pg 1 / 2  
Job No. : HARBOR OFFICE

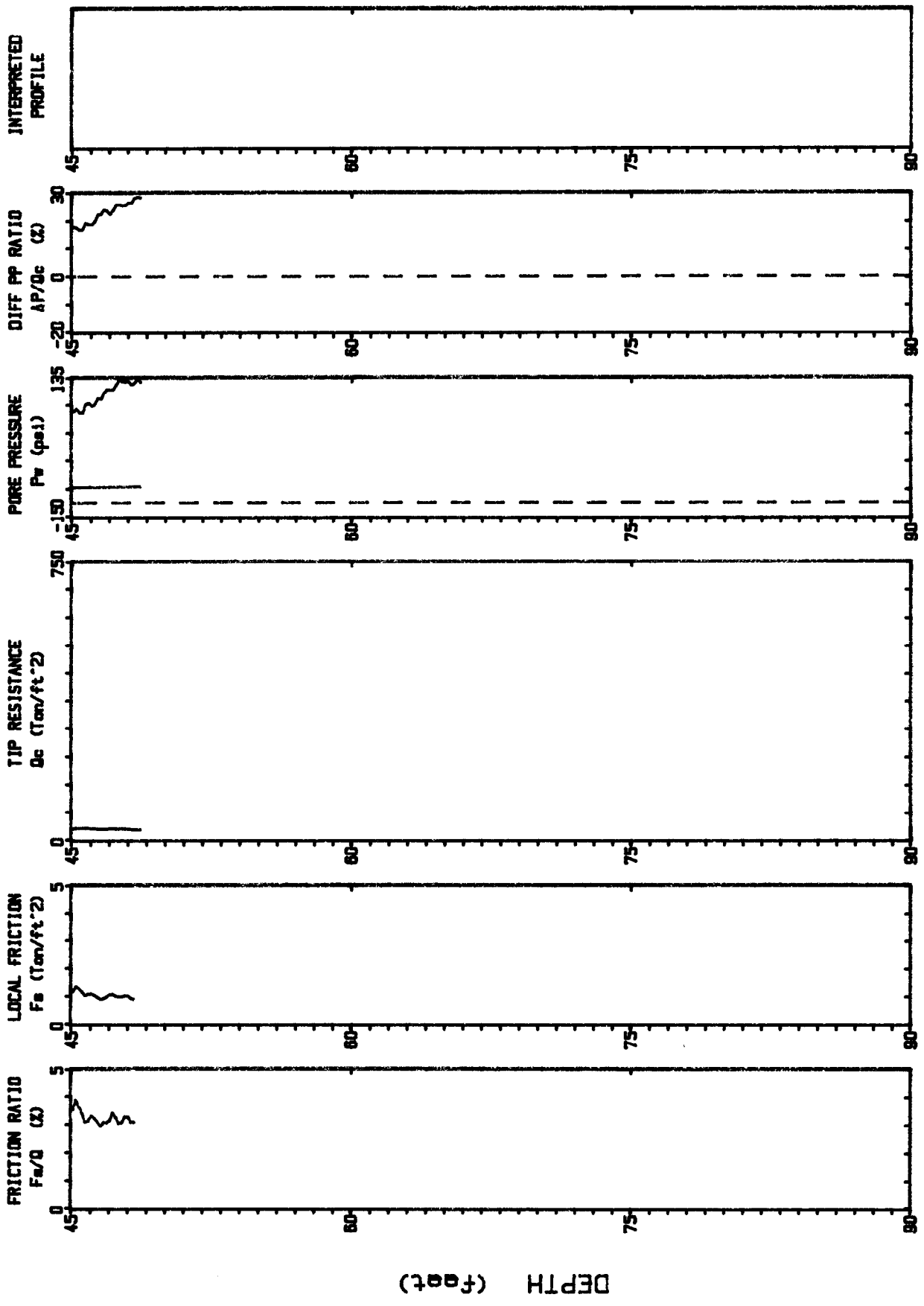


Depth Increment : .05 m

Max Depth : 48.72 ft

# V B I

Operator : VIRGIL A. BAKER      CPT Date : 08-20-83 12.50      Sounding : 93Z185 Pg 2 / 2  
Location : UC-21                      Cone Used : HO 348 TC                      Job No. : HARBOR OFFICE



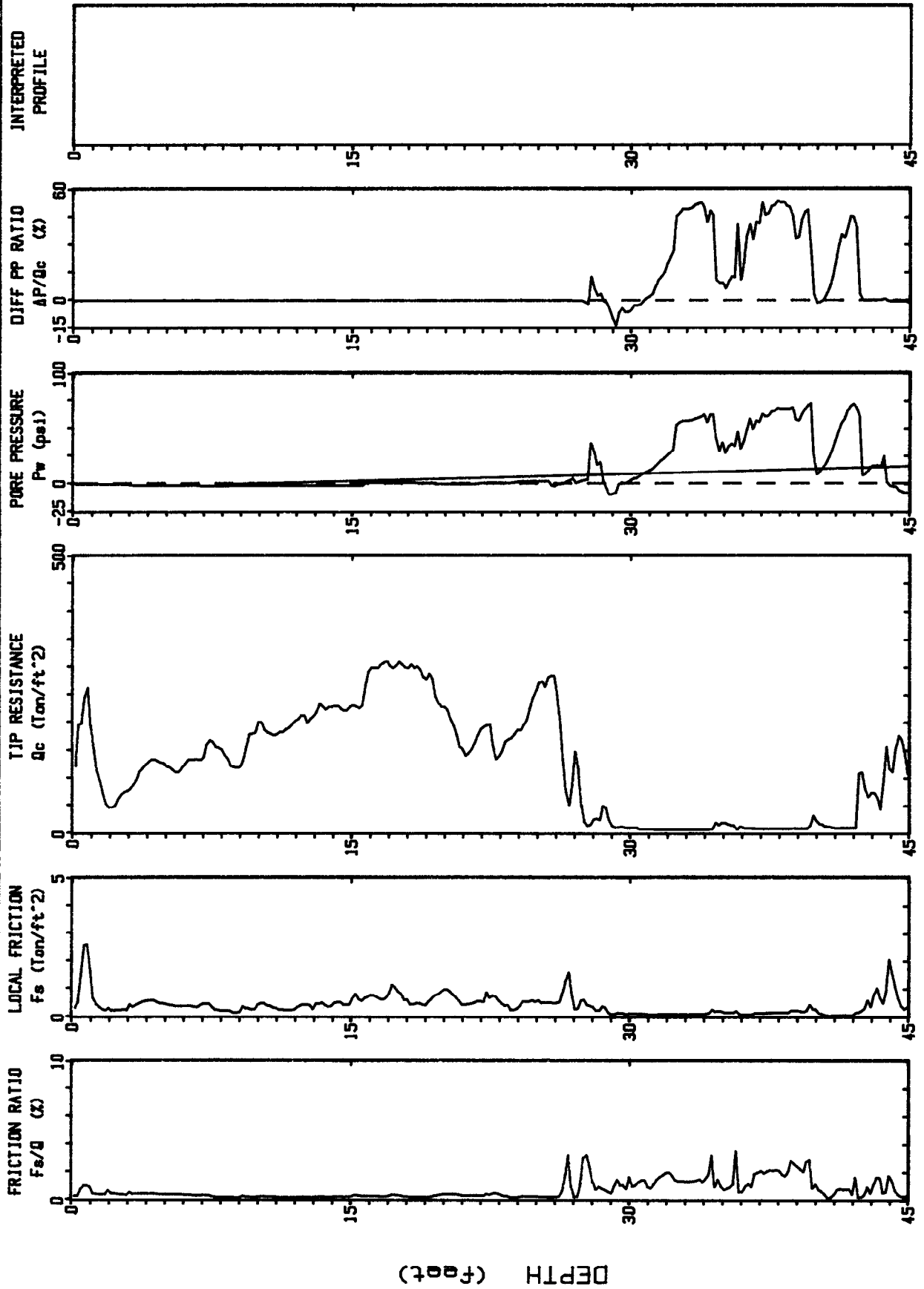
Depth Increment : .05 m      Max Depth : 48.72 ft

V B I

Operator : Carl G. Morgan  
Location : UC-30

CPT Date : 12-22-93 10:54  
Cone Used : 392TC U2

Sounding : 930655 Pg 1 / 2  
Job No. : 230N

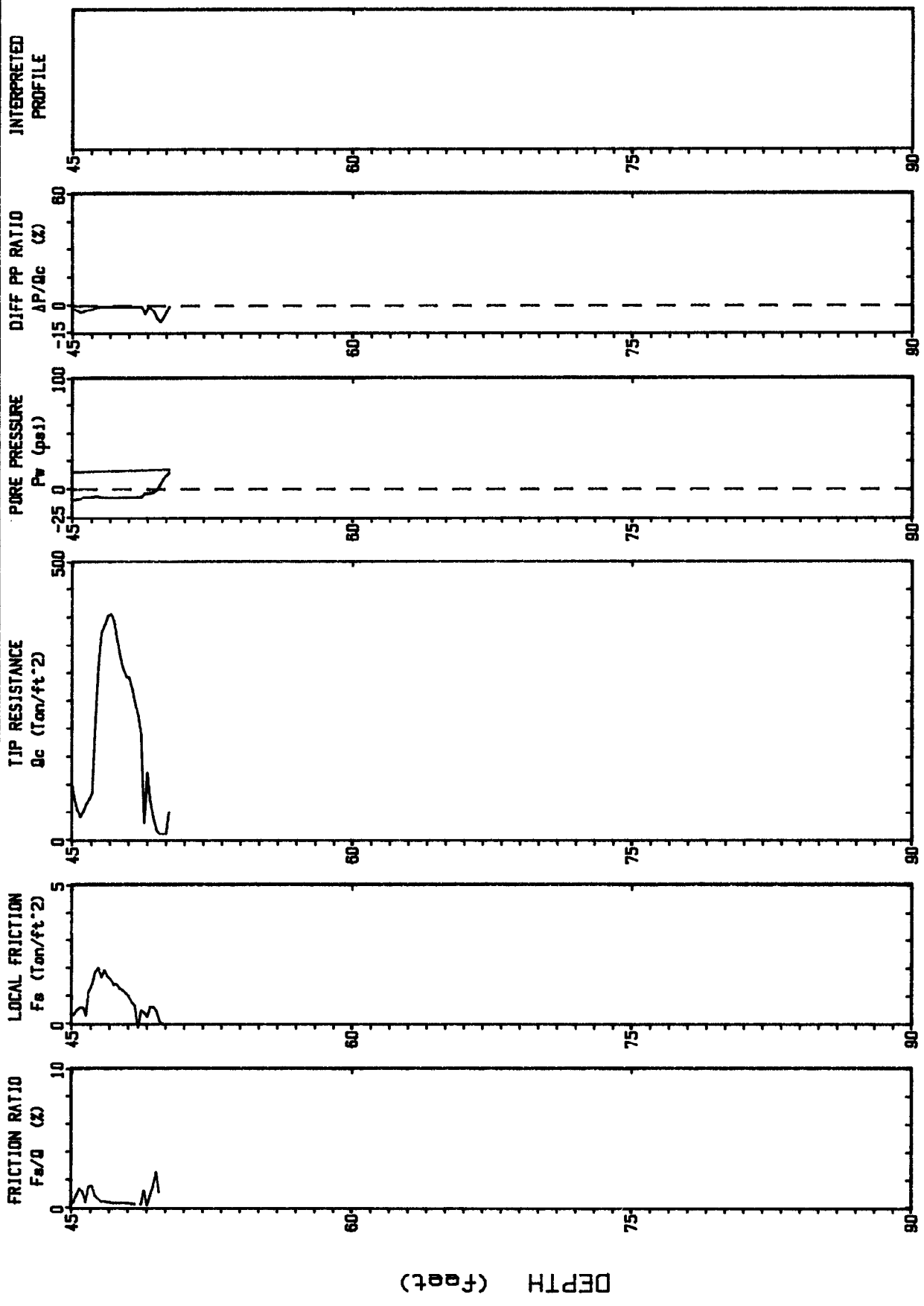


Depth Increment : .05 m

Max Depth : 50.20 ft

# V B I

Operator : Carl G. Morgan      CPT Date : 12-22-93 10:54      Sounding : 930655 Pg 2 / 2  
 Location : UC-30                  Cone Used : 392TC U2                  Job No. : 230N



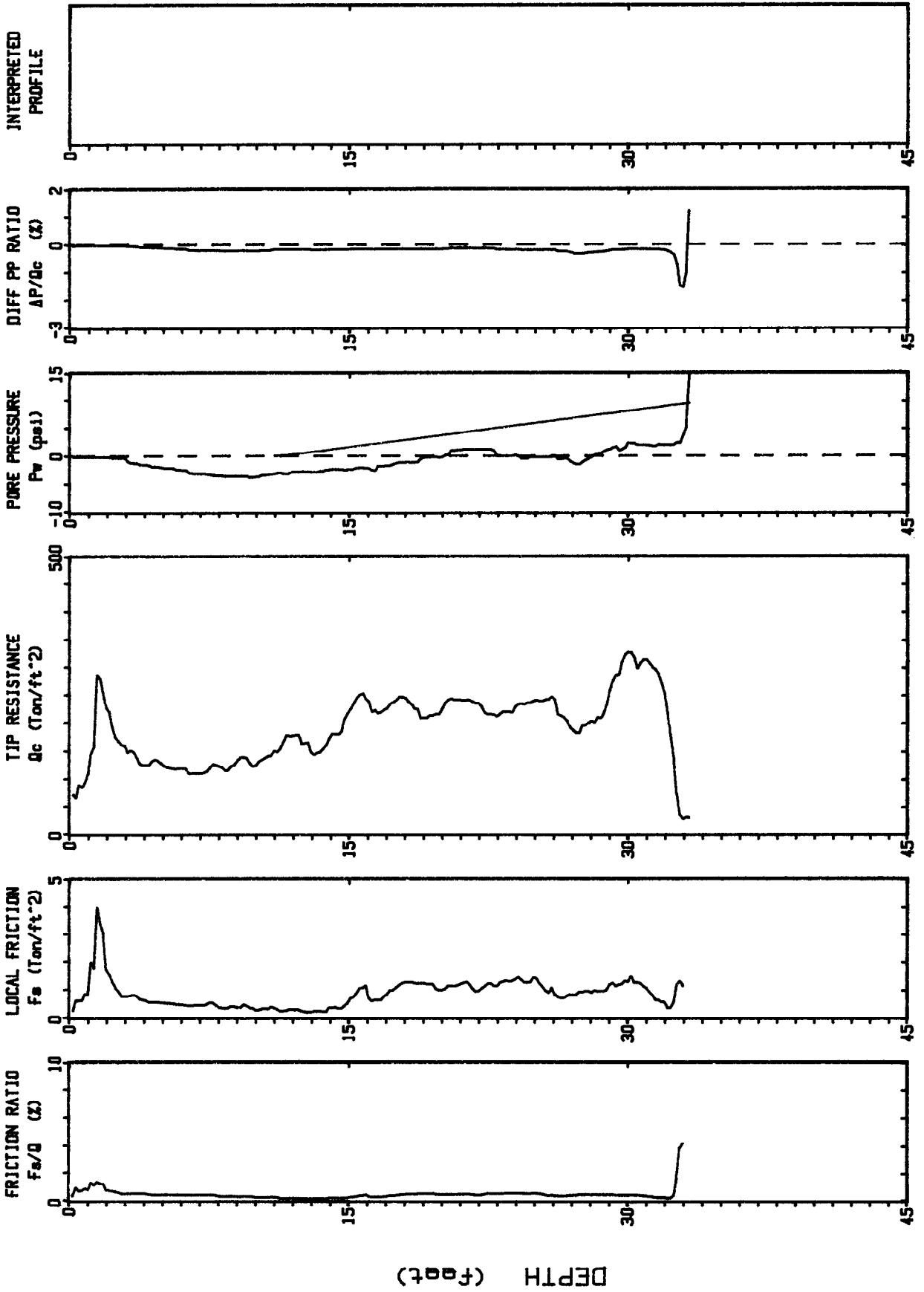
Depth Increment : .05 m                  Max Depth : 50.20 ft

V B I

Operator : Carl G. Morgan  
Location : UC-31

CPT Date : 12-22-93 12:21  
Cone Used : 392TC U2

Sounding : 930656 Pg 1 / 1  
Job No. : 230N



Depth Increment : .05 m

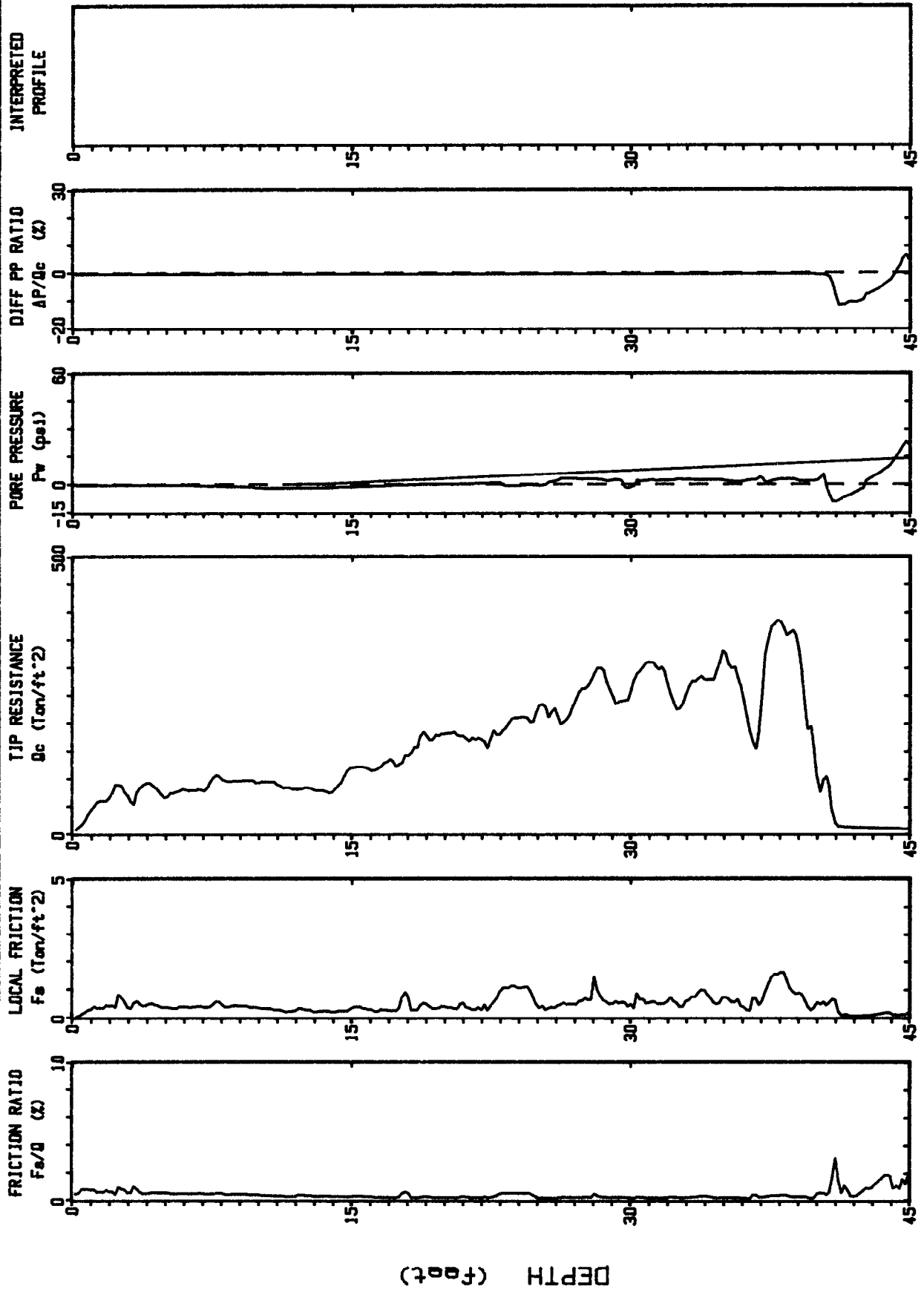
Max Depth : 33.30 ft

V B I

Operator : Carl G. Morgan  
Location : UC-32

CPT Date : 12-22-93 13:18  
Cone Used : 382TC U2

Sounding : 930657 Pg 1 / 2  
Job No. : 230N



Depth Increment : .05 m

Max Depth : 61.19 ft

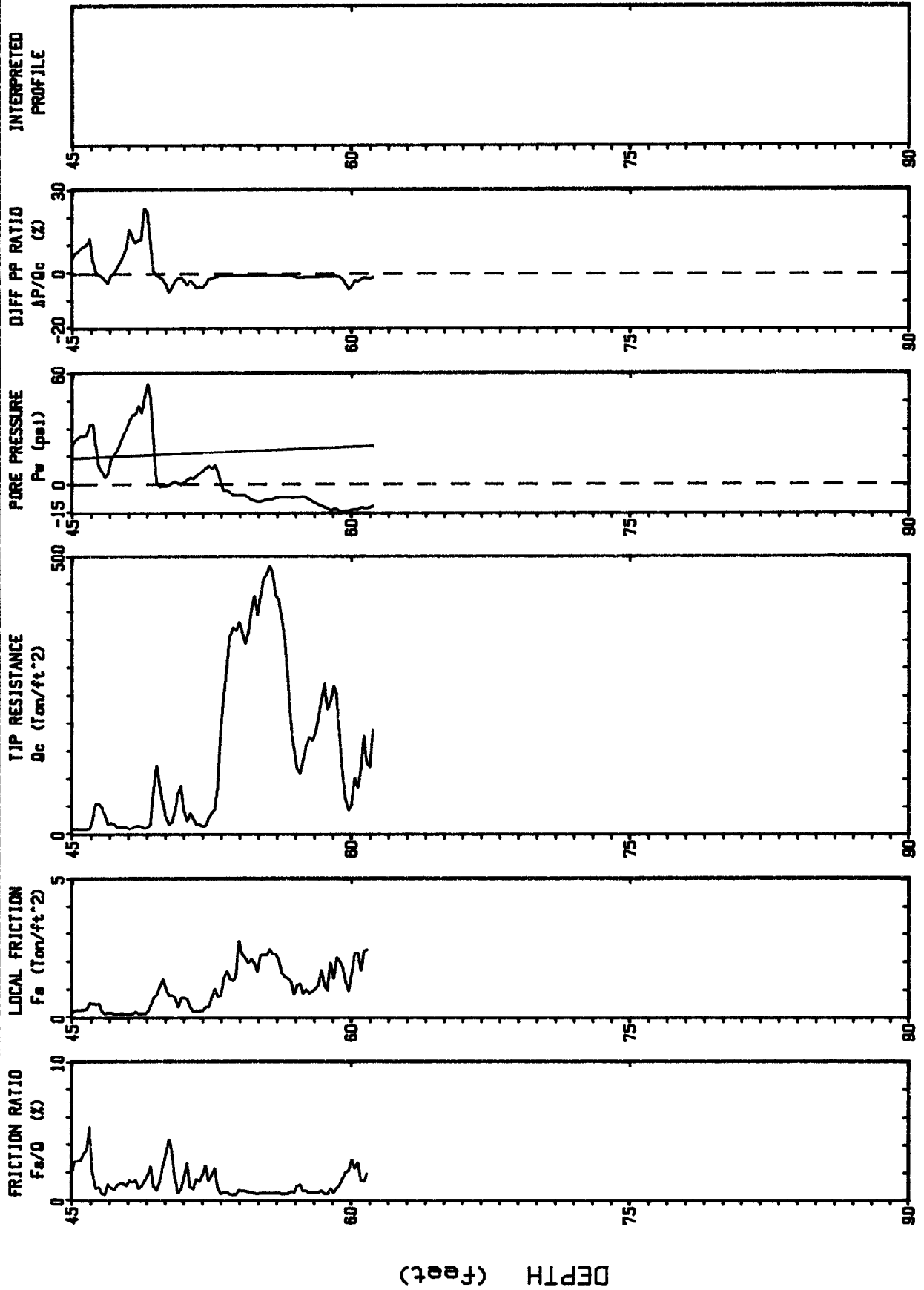


# V B I

Operator : Carl G. Morgan  
 Location : UC-32

CPT Date : 12-22-93 13:18  
 Cone Used : 382TC U2

Sounding : 930657 Pg 2 / 2  
 Job No. : 230N



Depth Increment : .05 m

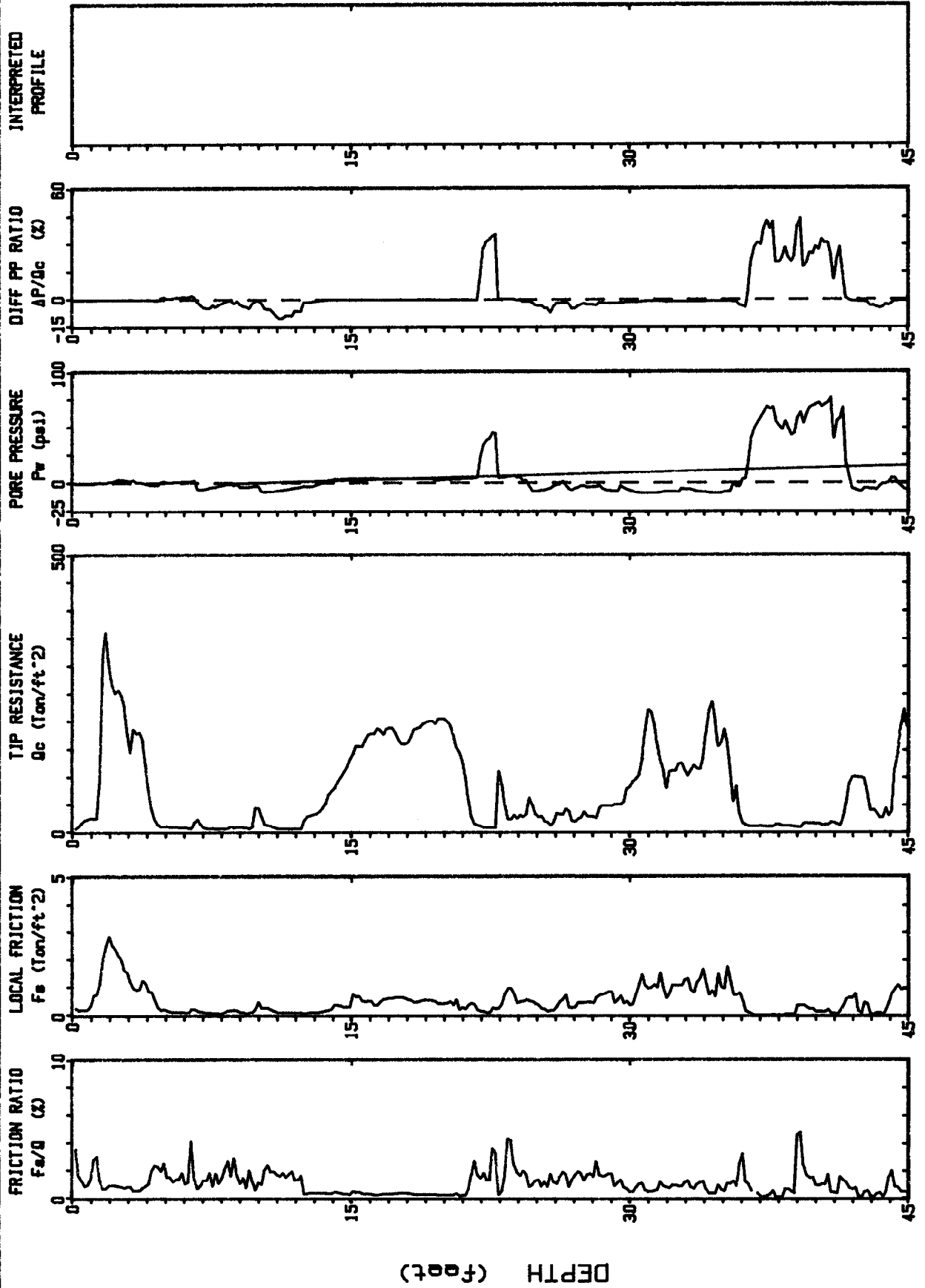
Max Depth : 61.18 ft

V B I

Operator : Carl G. Morgan  
Location : UC-33

CPT Date : 12-22-93 15:02  
Cone Used : 392TC U2

Sounding : 930658 Pg 1 / 2  
Job No. : MLML-FUGRO PLOT



Depth Increment : .05 m

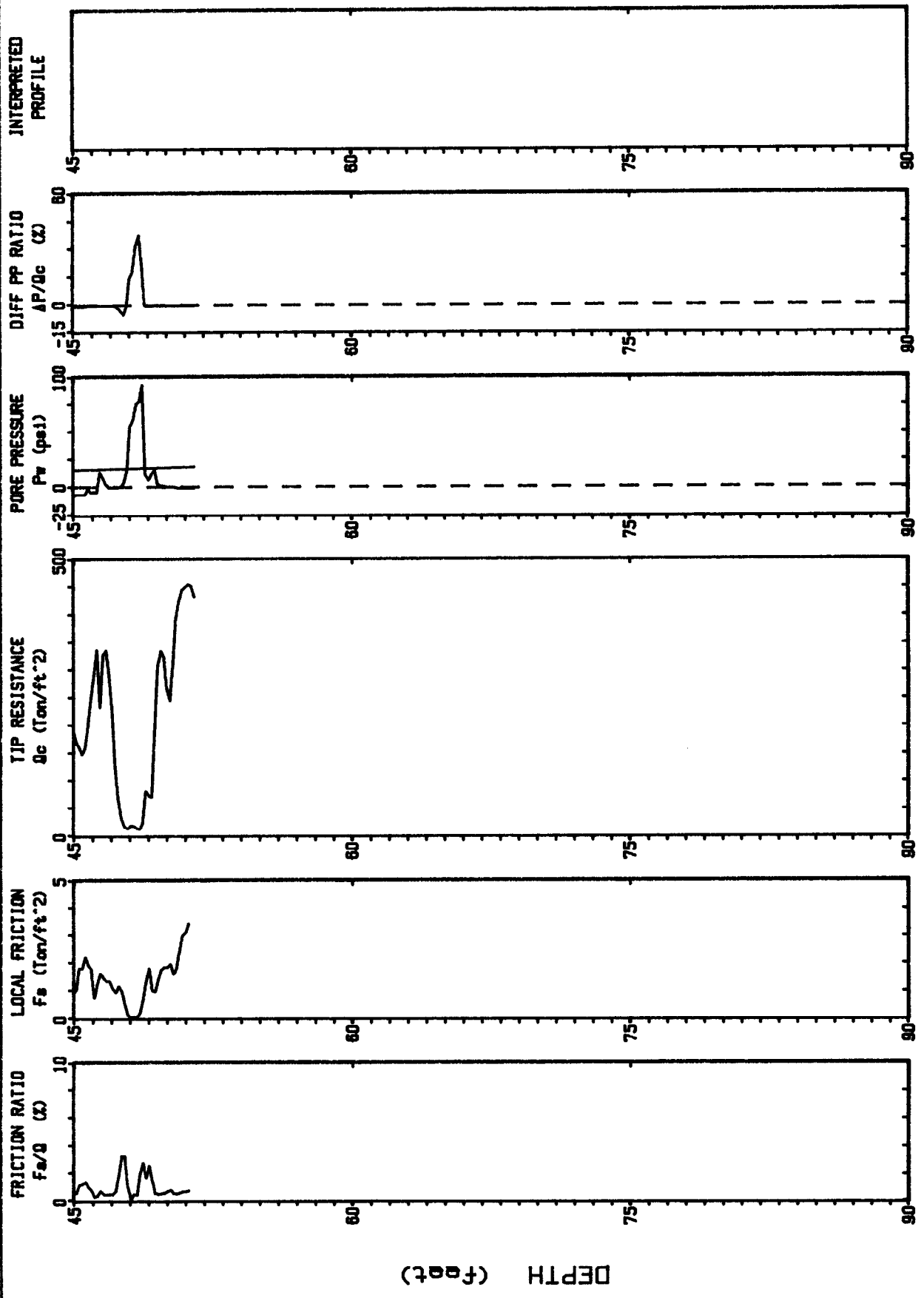
Max Depth : 51.51 ft

V B I

Operator : Carl G. Morgan  
Location : UC-33

CPT Date : 12-22-93 15:02  
Cone Used : 392TC U2

Sounding : 930858 Pg 2 / 2  
Job No. : MLML-FUGRO PLOT



Depth Increment : .05 m

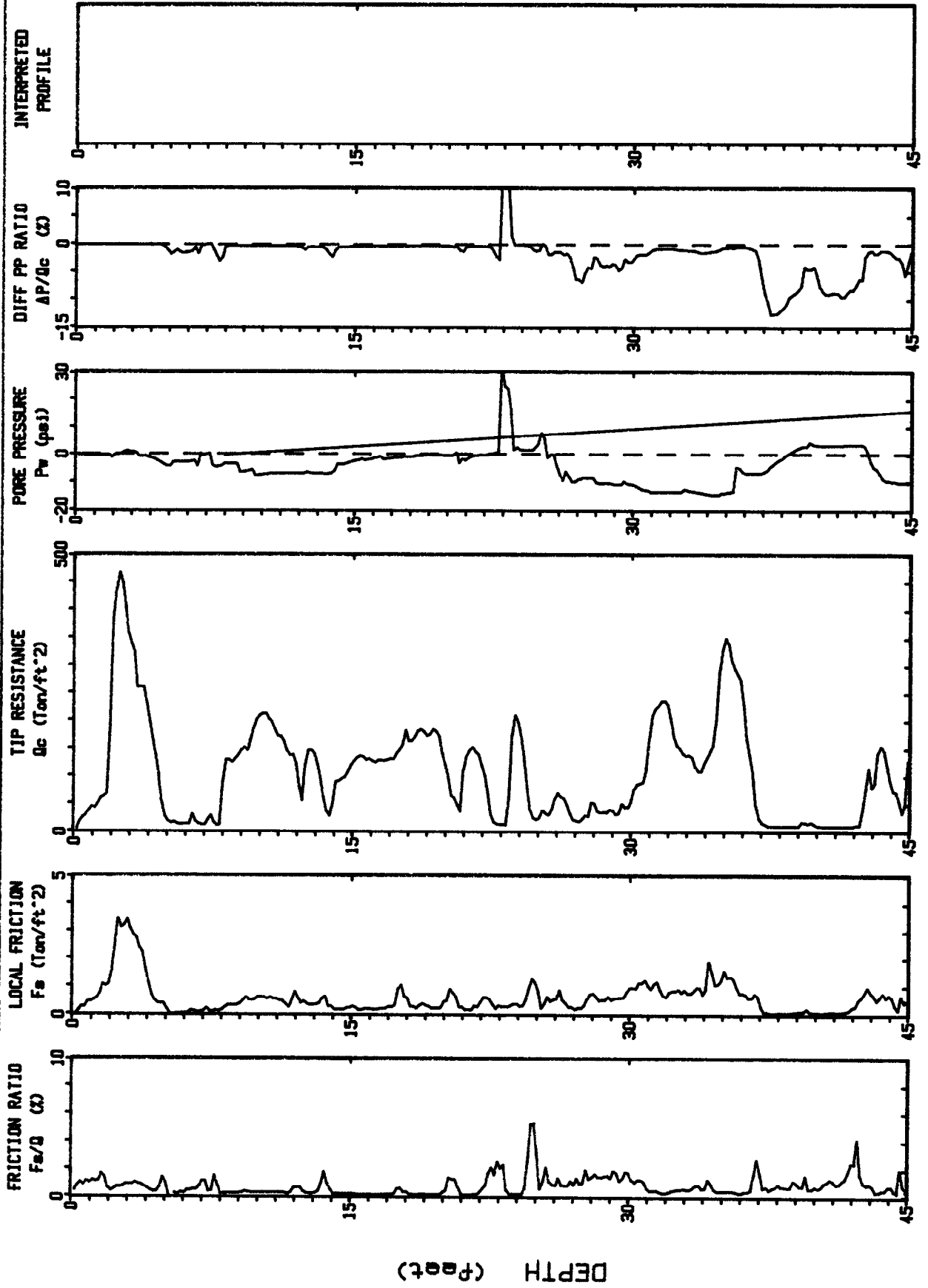
Max Depth : 51.51 ft

V B I

Operator : Carl G. Morgan  
Location : UC-34

CPT Date : 12-23-83 10:44  
Cone Used : 392TC U2

Sounding : 930661 Pg 1 / 2  
Job No. : MLM-L-FUGRO PLOT



Depth Increment : .05 m

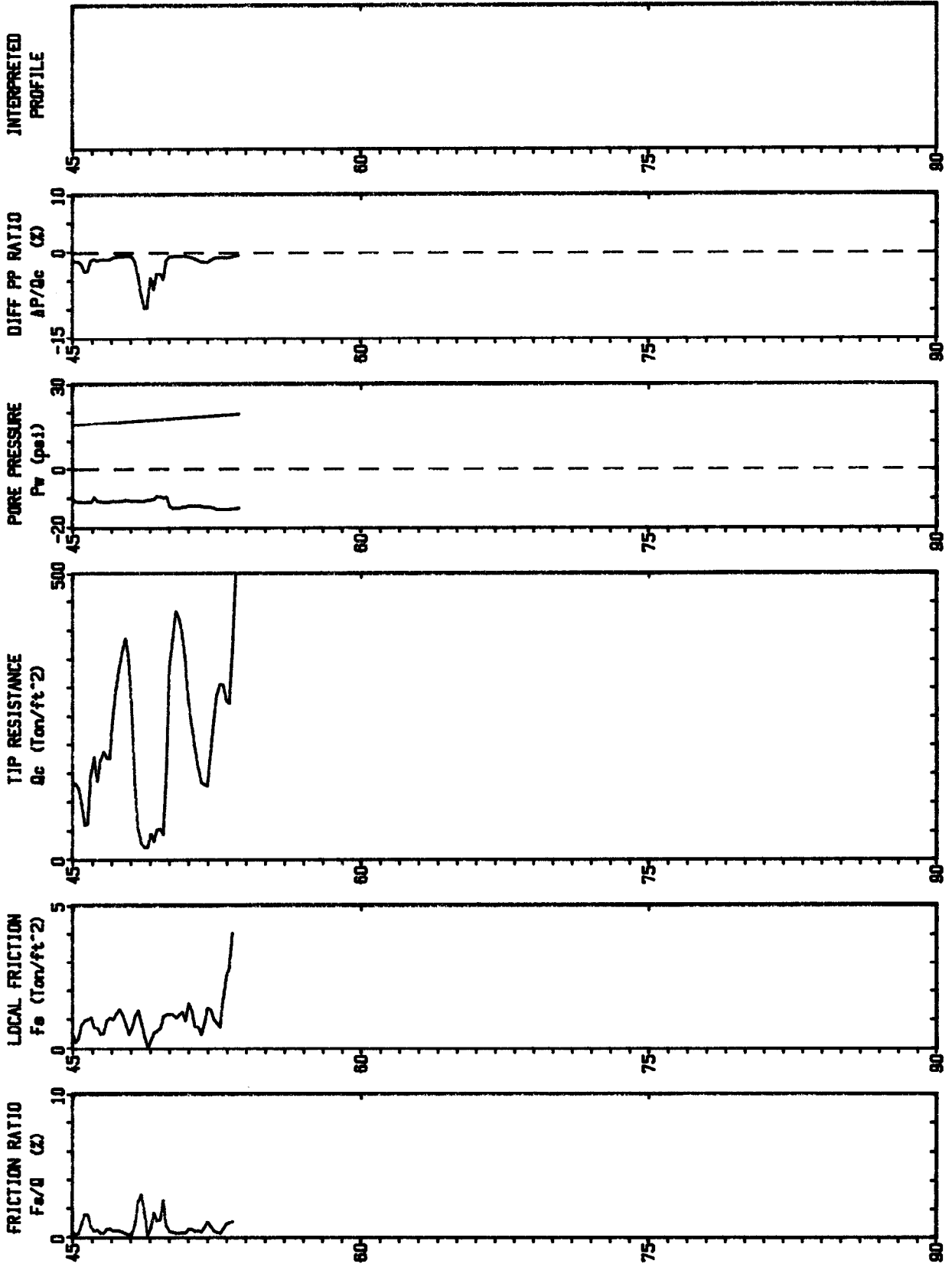
Max Depth : 53.84 ft

V B I

Operator : Carl G. Morgan  
Location : UC-34

CPT Date : 12-23-93 10:44  
Cone Used : 382TC U2

Sounding : 930661 Pg 2 / 2  
Job No. : MLM-FUGRO PLOT



DEPTH (feet)

Depth Increment : .05 m

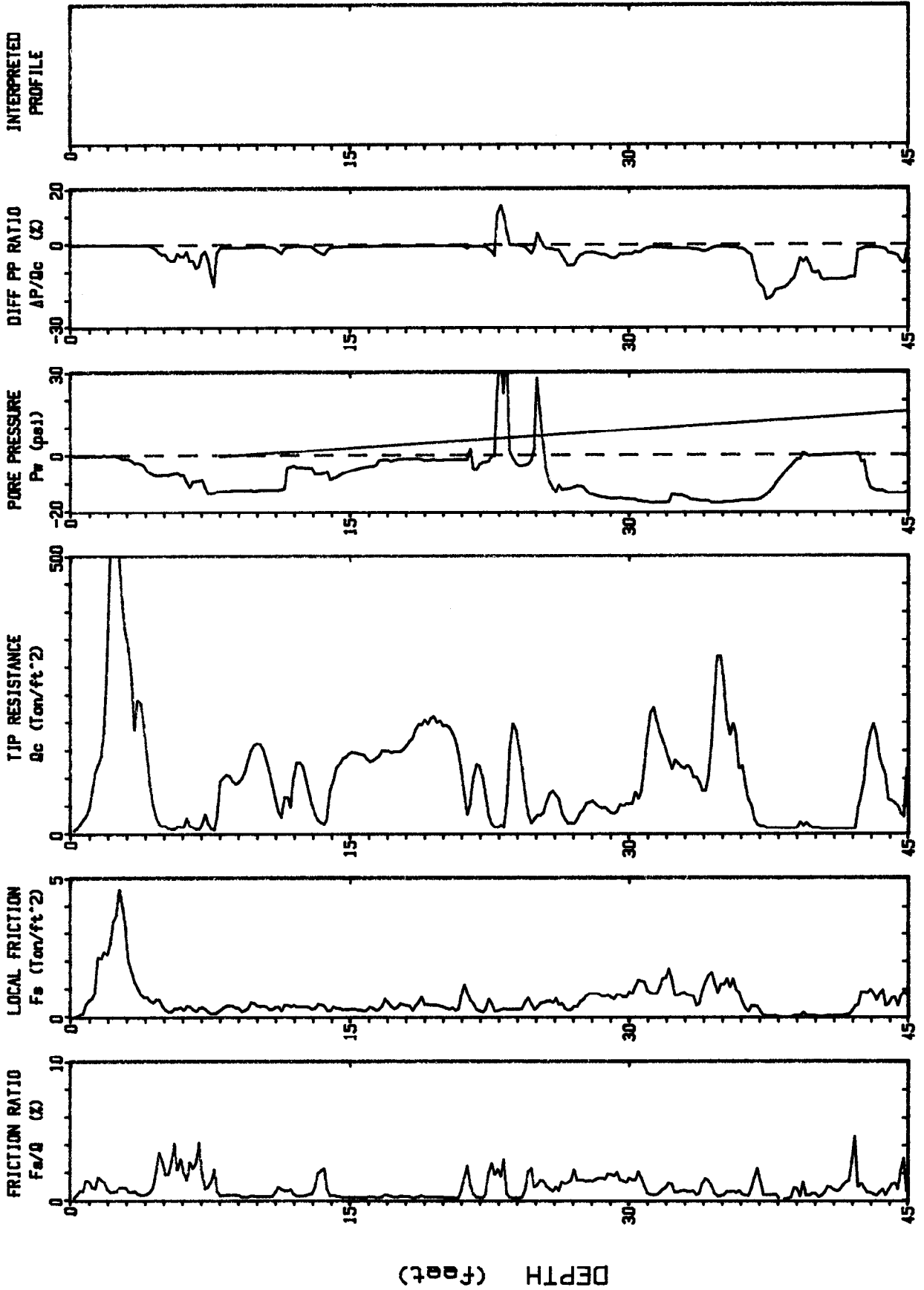
Max Depth : 53.64 ft

V B I

Operator : Carl G. Morgan  
 Location : UC-35

CPT Date : 12-23-93 09:41  
 Cone Used : 392TC U2

Sounding : 930660 Pg 1 / 2  
 Job No. : MLML-FUGRO PLOT

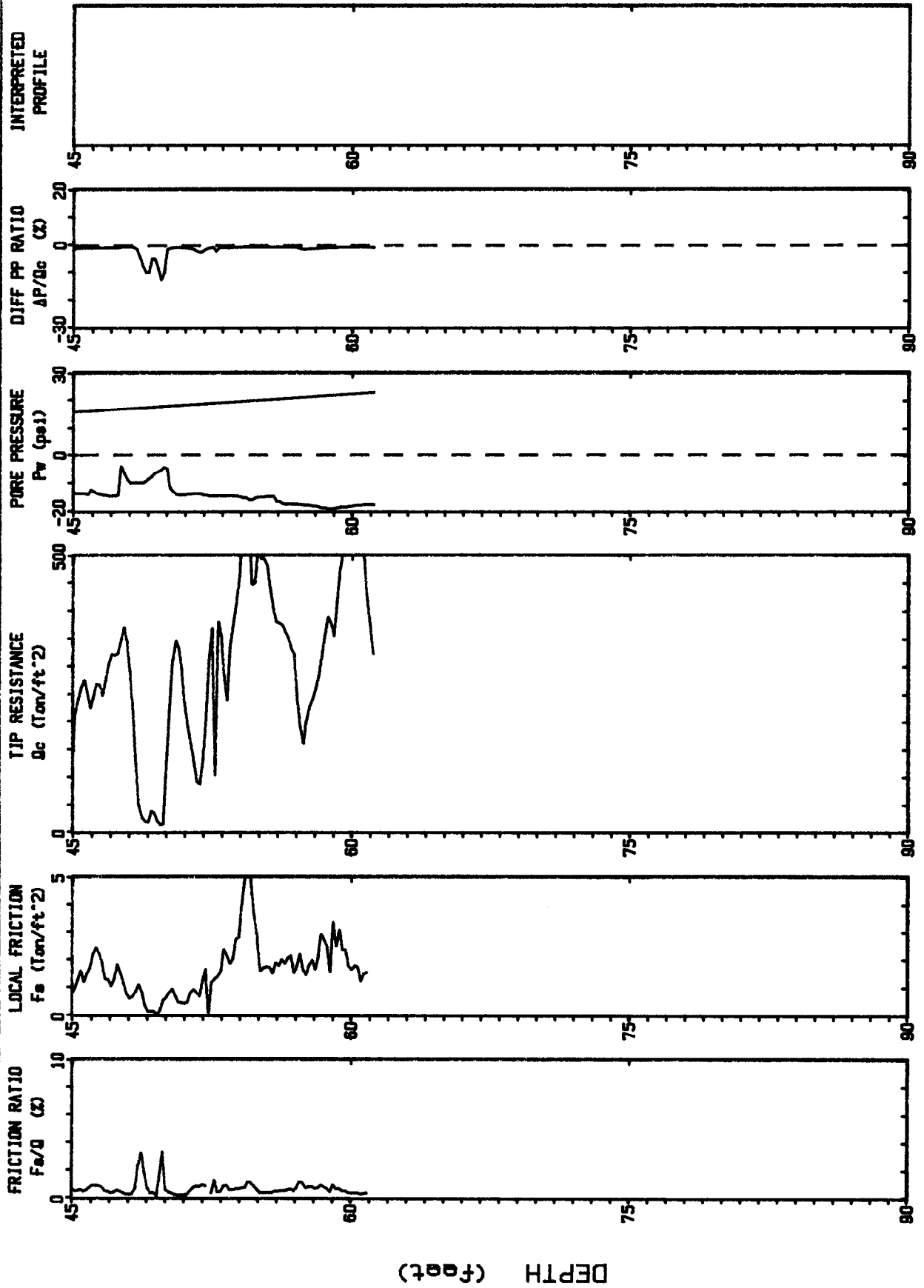


# V B I

Operator : Carl G. Morgan  
 Location : UC-35

CPT Date : 12-23-93 08:41  
 Cone Used : 382TC U2

Sounding : 930660 Pg 2 / 2  
 Job No. : MLML-FUGRO PLOT



Max Depth : 61.18 ft

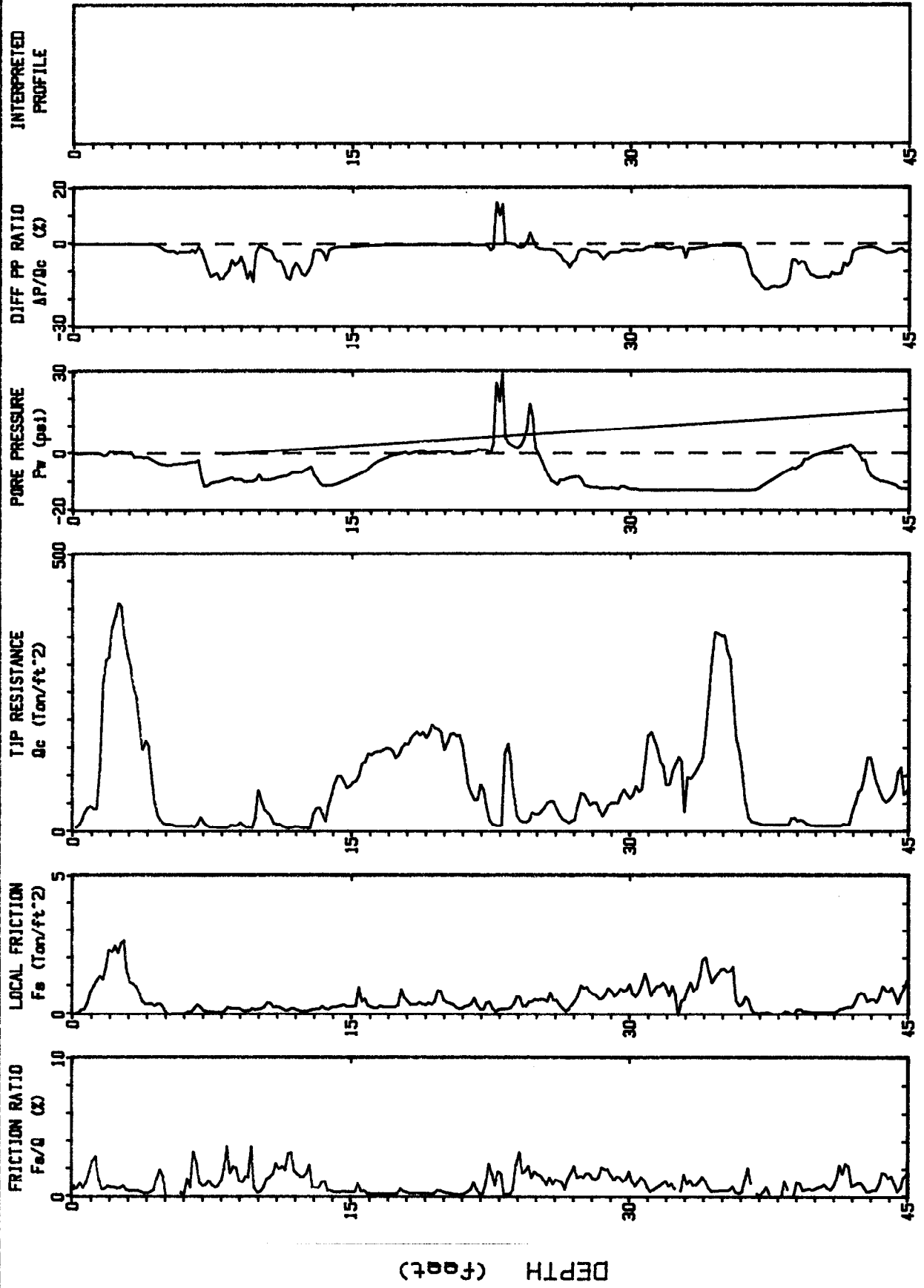
Depth Increment : .05 m

# V B I

Operator : Carl G. Morgan  
 Location : UC-36

CPT Date : 12-23-93 08:31  
 Cone Used : 382TC U2

Sounding : 930659 Pg 1 / 2  
 Job No. : MLM-L-FUGRO PLOT



Depth Increment : .05 m

Max Depth : 53.48 ft

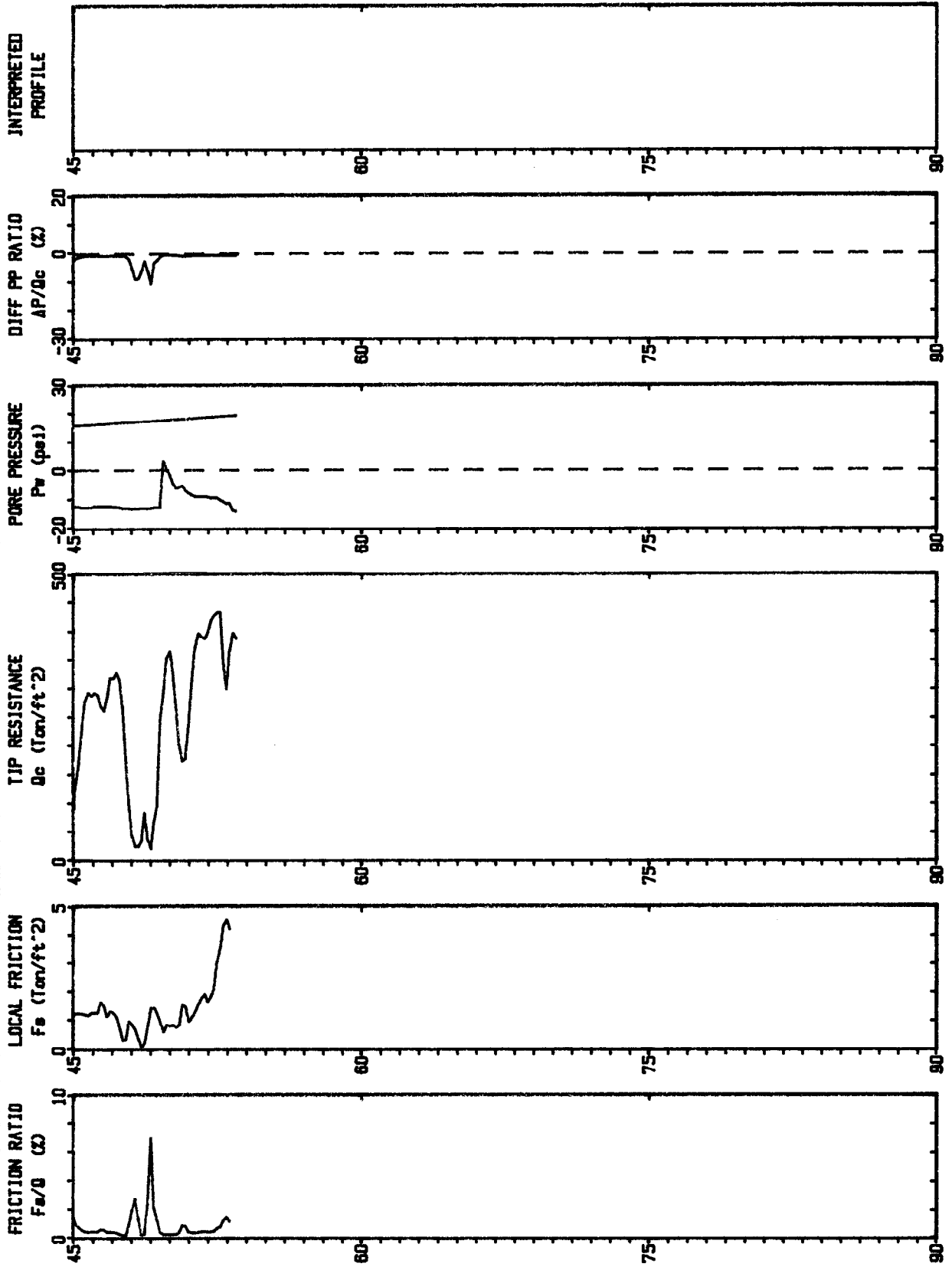


# V B I

Operator : Carl G. Morgan  
 Location : UC-36

CPT Date : 12-23-93 08.31  
 Cone Used : 392TC U2

Sounding : 930659 Pg 2 / 2  
 Job No. : MML-FUGRO PLOT



DEPTH (feet)

Depth Increment : .05 m

Max Depth : 53.48 ft

SUMMARY OF SEISMIC CONE PENETROMETER SHEAR WAVE DATA  
 JOB NAME:MOSS LANDING  
 JOB NO.:  
 SOUNDING:UC-1  
 DATE: AUGUST 16, 1993

DEPTH	DEPTH	CORRECTED	INCRE-	DELAY	INCRE-	WAVE
		DISTANCE	MENTAL		MENTAL	SPEED
<M>	<FT>	<M>	DISTANCE	<MS>	DELAY	<M\SEC.>
			<M>		<MS>	
0.95	3.12	1.57	0.00	0.00		REFERENCE
1.95	6.40	2.32	0.75	5.60	5.60	133.25
2.95	9.68	3.20	0.89	11.20	5.60	158.51
3.95	12.97	4.14	0.94	17.04	5.84	160.82
4.95	16.25	5.11	0.96	22.04	5.00	192.46
5.95	19.53	6.08	0.97	27.29	5.25	185.62
6.95	22.82	7.06	0.98	32.24	4.95	198.31
7.95	26.10	8.05	0.99	37.83	5.59	176.41
8.95	29.38	9.04	0.99	43.08	5.25	188.42
9.95	32.66	10.03	0.99	47.48	4.40	225.30
11.95	39.23	12.02	1.99	58.43	10.95	181.46
13.95	45.80	14.01	1.99	70.72	12.29	161.98
15.95	52.36	16.00	1.99	79.57	8.85	225.20

SUMMARY OF SEISMIC CONE PENETROMETER SHEAR WAVE DATA  
 JOB NAME:MOSS LANDING  
 JOB NO.:  
 SOUNDING:UC-4  
 DATE: AUGUST 17, 1993

DEPTH	DEPTH	CORRECTED	INCRE-	DELAY	INCRE-	WAVE
		DISTANCE	MENTAL		MENTAL	SPEED
<M>	<FT>	<M>	DISTANCE	<MS>	DELAY	<M\SEC.>
			<M>		<MS>	
1.00	3.28	1.60	0.00	0.00		REFERENCE
2.00	6.57	2.36	0.76	5.05	5.05	150.04
3.00	9.85	3.25	0.89	14.89	9.84	90.60
4.00	13.13	4.19	0.94	20.44	5.55	169.51
5.00	16.41	5.15	0.96	27.64	7.20	133.77
6.00	19.70	6.13	0.97	35.44	7.80	124.99
7.00	22.98	7.11	0.98	40.28	4.84	202.87
8.00	26.26	8.10	0.99	45.03	4.75	207.65
9.00	29.55	9.09	0.99	49.88	4.85	203.98
10.00	32.83	10.08	0.99	54.38	4.50	220.32
11.00	36.11	11.07	0.99	60.98	6.60	150.45
13.00	42.68	13.06	1.99	75.47	14.49	137.28
15.00	49.24	15.05	1.99	83.07	7.60	262.11

SUMMARY OF SEISMIC CONE PENETROMETER SHEAR WAVE DATA  
 JOB NAME:MOSS LANDING  
 JOB NO.:  
 SOUNDING:UC-6  
 DATE: AUGUST 17, 1993

DEPTH	DEPTH	CORRECTED	INCRE-	DELAY	INCRE-	WAVE
		DISTANCE	MENTAL		MENTAL	SPEED
(M)	(FT)	(M)	DISTANCE	(MS)	DELAY	(M\SEC.)
			(M)		(MS)	
3.10	10.18	3.34	0.00	0.00		REFERENCE
3.55	11.65	3.76	0.42	2.70	2.70	155.97
3.95	12.97	4.14	0.38	4.70	2.00	189.71
4.95	16.25	5.11	0.96	9.60	4.90	196.39
5.95	19.53	6.08	0.97	15.84	6.24	156.17
6.95	22.82	7.06	0.98	22.04	6.20	158.33
7.95	26.10	8.05	0.99	26.89	4.85	203.33
8.95	29.38	9.04	0.99	32.69	5.80	170.55
9.95	32.66	10.03	0.99	38.38	5.69	174.23
11.95	39.23	12.02	1.99	53.48	15.10	131.59
13.95	45.80	14.01	1.99	61.83	8.35	238.41

SUMMARY OF SEISMIC CONE PENETROMETER SHEAR WAVE DATA  
 JOB NAME:MOSS LANDING  
 JOB NO.:  
 SOUNDING:UC-9  
 DATE: AUGUST 18, 1993

DEPTH	DEPTH	CORRECTED	INCRE-	DELAY	INCRE-	WAVE
		DISTANCE	MENTAL		MENTAL	SPEED
(M)	(FT)	(M)	DISTANCE	(MS)	DELAY	(M\SEC.)
			(M)		(MS)	
1.00	3.28	1.60	0.00	0.00		REFERENCE
2.05	6.73	2.40	0.80	9.60	9.60	83.36
3.05	10.01	3.30	0.90	18.14	8.54	104.82
4.05	13.30	4.24	0.94	24.04	5.90	159.71
5.05	16.58	5.20	0.96	29.54	5.50	175.25
6.05	19.86	6.18	0.98	35.44	5.90	165.32
7.05	23.14	7.16	0.98	39.88	4.44	221.21
8.05	26.43	8.15	0.99	44.38	4.50	219.23

SUMMARY OF SEISMIC CONE PENETROMETER SHEAR WAVE DATA  
 JOB NAME: MOSS LANDING  
 JOB NO.:  
 SOUNDING: UC-12  
 DATE: AUGUST 18, 1993

DEPTH <M>	DEPTH <FT>	CORRECTED DISTANCE <M>	INCRE- MENTAL DISTANCE <M>	DELAY <MS>	INCRE- MENTAL DELAY <MS>	WAVE SPEED <M\SEC.>
1.10	3.61	1.67	0.00	0.00		REFERENCE
2.10	6.89	2.44	0.78	6.80	6.80	114.53
3.10	10.18	3.34	0.90	14.14	7.34	122.43
4.10	13.46	4.29	0.94	20.89	6.75	139.82
5.10	16.74	5.25	0.96	26.94	6.05	159.44
6.10	20.03	6.23	0.98	34.39	7.45	130.98
7.10	23.31	7.21	0.98	41.03	6.64	147.96
8.10	26.59	8.20	0.99	48.33	7.30	135.16
9.10	29.87	9.19	0.99	54.98	6.65	148.81
10.10	33.16	10.18	0.99	61.48	6.50	152.55
11.10	36.44	11.17	0.99	68.57	7.09	140.07
12.10	39.72	12.16	0.99	76.37	7.80	127.47
13.10	43.00	13.16	1.00	82.07	5.70	174.58
14.10	46.29	14.16	1.00	86.37	4.30	231.58
15.10	49.57	15.15	1.00	91.21	4.84	205.86

SUMMARY OF SEISMIC CONE PENETROMETER SHEAR WAVE DATA  
 JOB NAME: MOSS LANDING  
 JOB NO.:  
 SOUNDING: UC-15  
 DATE: AUGUST 19, 1993

DEPTH <M>	DEPTH <FT>	CORRECTED DISTANCE <M>	INCRE- MENTAL DISTANCE <M>	DELAY <MS>	INCRE- MENTAL DELAY <MS>	WAVE SPEED <M\SEC.>
1.00	3.28	1.60	0.00	0.00		REFERENCE
2.00	6.57	2.36	0.76	5.75	5.75	131.78
3.00	9.85	3.25	0.89	14.44	8.69	102.59
4.00	13.13	4.19	0.94	22.39	7.95	118.34
5.00	16.41	5.15	0.96	29.94	7.55	127.57
6.00	19.70	6.13	0.97	36.59	6.65	146.61
8.00	26.26	8.10	1.97	47.33	10.74	183.26
9.00	29.55	9.09	0.99	51.18	3.85	256.97
10.00	32.83	10.08	0.99	56.73	5.55	178.64
11.00	36.11	11.07	0.99	62.72	5.99	165.77
12.00	39.39	12.06	0.99	68.52	5.80	171.40
13.00	42.68	13.06	1.00	73.42	4.90	203.07
14.00	45.96	14.06	1.00	78.57	5.15	193.35

SUMMARY OF SEISMIC CONE PENETROMETER SHEAR WAVE DATA  
 JOB NAME: MOSS LANDING  
 JOB NO.:  
 SOUNDING: UC-16  
 DATE: AUGUST 19, 1993

DEPTH	DEPTH	CORRECTED	INCRE-	DELAY	INCRE-	WAVE
		DISTANCE	MENTAL		MENTAL	SPEED
<M>	<FT>	<M>	DISTANCE	<MS>	DELAY	<M\SEC.>
			<M>		<MS>	
1.00	3.28	1.60	0.00	0.00		REFERENCE
2.00	6.57	2.36	0.76	4.20	4.20	180.41
3.00	9.85	3.25	0.89	10.75	6.55	136.11
4.00	13.13	4.19	0.94	16.49	5.74	163.90
5.00	16.41	5.15	0.96	21.94	5.45	176.72
6.00	19.70	6.13	0.97	28.14	6.20	157.25
7.00	22.98	7.11	0.98	34.19	6.05	162.30
8.00	26.26	8.10	0.99	39.73	5.54	178.04
9.00	29.55	9.09	0.99	46.03	6.30	157.04
10.00	32.83	10.08	0.99	50.08	4.05	244.80
11.00	36.11	11.07	0.99	56.08	6.00	165.50
12.00	39.39	12.06	0.99	60.78	4.70	211.52
13.00	42.68	13.06	1.00	65.17	4.39	226.66
14.00	45.96	14.06	1.00	71.42	6.25	159.32

SUMMARY OF SEISMIC CONE PENETROMETER SHEAR WAVE DATA  
 JOB NAME: MOSS LANDING  
 JOB NO.:  
 SOUNDING: UC-19  
 DATE: AUGUST 20, 1993

DEPTH	DEPTH	CORRECTED	INCRE-	DELAY	INCRE-	WAVE
		DISTANCE	MENTAL		MENTAL	SPEED
<M>	<FT>	<M>	DISTANCE	<MS>	DELAY	<M\SEC.>
			<M>		<MS>	
0.90	2.95	1.54	0.00	0.00		REFERENCE
1.90	6.24	2.27	0.73	5.70	5.70	128.78
3.90	12.80	4.10	1.82	23.04	17.34	105.02
4.90	16.09	5.06	0.96	31.24	8.20	117.26
5.90	19.37	6.03	0.97	36.54	5.30	183.78
6.90	22.65	7.01	0.98	41.63	5.09	192.80
7.90	25.93	8.00	0.99	47.58	5.95	165.71
8.90	29.22	8.99	0.99	54.78	7.20	137.37
9.90	32.50	9.98	0.99	61.58	6.80	145.77
11.90	39.07	11.97	1.99	72.57	10.99	180.79
13.90	45.63	13.96	1.99	81.77	9.20	216.37
15.90	52.20	15.95	1.99	92.01	10.24	194.63
17.90	58.76	17.94	1.99	102.61	10.60	188.16
19.90	65.33	19.94	2.00	111.96	9.35	213.44
22.90	75.18	22.93	2.99	125.40	13.44	222.83
25.95	85.19	25.98	3.05	136.70	11.30	269.56

SUMMARY OF SEISMIC CONE PENETROMETER SHEAR WAVE DATA  
 JOB NAME: MOSS LANDING  
 JOB NO.:  
 SOUNDING: UC-21  
 DATE: AUGUST 20, 1993

DEPTH <M>	DEPTH <FT>	CORRECTED DISTANCE <M>	INCRE- MENTAL DISTANCE <M>	DELAY <MS>	INCRE- MENTAL DELAY <MS>	WAVE SPEED <M\SEC.>
0.85	2.79	1.51	0.00	0.00		REFERENCE
1.85	6.07	2.23	0.72	3.10	3.10	232.61
2.85	9.36	3.11	0.88	8.60	5.50	159.88
4.85	15.92	5.01	1.90	33.39	24.79	76.50
5.85	19.20	5.98	0.97	41.08	7.69	126.60
6.85	22.49	6.96	0.98	46.88	5.80	169.15
7.85	25.77	7.95	0.99	52.68	5.80	169.96
8.85	29.05	8.94	0.99	58.63	5.95	166.21
9.85	32.34	9.93	0.99	62.82	4.19	236.55
10.85	35.62	10.92	0.99	65.87	3.05	325.50
11.85	38.90	11.92	0.99	70.72	4.85	204.94

**APPENDIX B:**  
**LOGS OF TEST BORINGS**

Project:

Log of Boring No. SAMPLE

Date Drilled: \_\_\_\_\_

Remarks: \_\_\_\_\_

Type of Boring: \_\_\_\_\_

Logged by: \_\_\_\_\_

Hammer Weight: \_\_\_\_\_

Location: \_\_\_\_\_

Depth (ft.)	Samples	Blow Counts	MATERIAL DESCRIPTION	LABORATORY TESTS				
				Moisture Content %	Liquid Limit	Plasticity Index	Passing No. 200:	D <sub>50</sub> (mm)
Surface Elevation: Approx.								
5	S1	2 3 2	2-inch O.D., 1 <sup>3</sup> / <sub>8</sub> -inch constant I.D., Standard Split Spoon Sampler.					
		5	Blows required to drive the sampler each six-inch section.					
	S2	3 3 2						
		5	Blows per foot (sum of blows required to drive the sampler for the last two six-inch sections).					
10	S3	3 2 4 6 8	Sample identification number. Separate sub-samples for distinct layers.					
		14	Lab data are for sub-samples S3-3 and S3-1, respectively.				12%; 0.5 4%; 1.2 (S3-3,1)	
15								
20								
25								
30								
35	O-1		Osterberg tube sample					
40								

Project No. Moss Landing

UC Davis

Figure A1



**Project:**

**Log of Boring No. UC - B1**

Date Drilled: January 17, 1994  
 Type of Boring: Rotary Wash with Bentonite Mud  
 Hammer Weight: 140lbs/30" CME 750

Remarks: 3-7/8 Drag bit (modified for side discharge)  
 Logged by: Peter Gathungu  
 Location: Moss Landing State Beach

Depth (ft.)	Samples	Blows/ft.	MATERIAL DESCRIPTION	LABORATORY TESTS				
				Moisture Content %	Liquid Limit	Plasticity Index	Passing No. 200	D 50 (mm)
Surface Elevation: Approx. 6 ft								
5	S1	2	<b>Fill: Poorly graded fine-grained sand (SP)</b> Gray loose sand with grass root				0%; 0.37	
		2						
		2						
		4						
	S2	2	<b>Poorly graded fine-grained sand (SP)</b> Light gray loose sand with small roots				2%; 0.28	
		2						
		3						
	S3	3	Dark gray loose sand with some roots				2%; 0.26	
		2						
		4						
10		2						
	S4	2	Dark gray loose sand				1%; 0.29	
		3						
		3						
	S5	2	Gray loose sand with some gravel particles				1%; 0.38	
		4						
		4						
15		5						
	S6	4	Gray loose sand				1%; 0.38	
		4						
		5						
	S7	6	<b>Poorly graded medium-grained sand (SP)</b> Brown to gray medium dense sand with rounded and subrounded gravel particles				1%; 0.90	
		10						
		21						
20		11						
	S8-2	5	<b>Interbedded sand (SP) and sand with gravel (SP)</b> Brown to gray medium dense sand with some gravel particles (S8-2)				0%; 2.30	
	-1	7	Light gray medium dense sand with shells (S8-1)				2%; 0.61	
		11						
	S9-2	9	Brown to gray medium dense sand with gravel and some shells (S9-2)				0%; 3.50	
	-1	12	Light gray medium dense sand (S9-1)				2%; 0.55	
		26						
		14						
25		14						
	S10-4	5	Gray medium dense sands (S10-4; S10-3; S10-2), with gravel (S10-3) and clayey sand (S10-1)				0%; 2.20	
	-3	7					0%; 4.40	
	-2	20					1%; 1.80	
	-1	13					(S10-4,3,2)	
	S11	0	<b>Medium plasticity clay (CH)</b> Dark gray, medium plastic, very soft clay (S11) Sampler pushed in under hammer weight As above (S12-2)			53; 30		
30		0						
	S12-2	5	<b>Poorly graded fine-grained sand with silt (SP-SM)</b> Dark gray medium dense sand with silt and small shell fragments (S12 - 1)				10%; 0.20	
	-1	7					(S12-1)	
		20						
	S13	3	<b>Silty sand (SM)</b> Dark gray medium dense silty sand				14%; 0.15	
		5						
		6						
35		6						
	S14	2	Dark gray loose silty sand with small shell fragments				21%; 0.17	
		3						
		5						
40		5						
	S15	0	<b>High plasticity clay (CH)</b> Dark gray, high plasticity, medium stiff clay Sampler pushed in first 7 inches under hammer weight			93; 63		
		2						
		2						

Project:

Log of Boring No. UC - B1 (State Beach)

(Continued)

Depth (ft.)	Samples	Blow Count	MATERIAL DESCRIPTION	Moisture Content %	Liquid Limit; Plasticity Index	Passing No. 200:	D 50 (mm)
45	S16	0	<b>High plasticity clay (CH)</b> Dark gray, high plasticity, medium stiff clay Sampler pushed in first 7 inches under hammer weight  Bottom of hole at 46.5 ft	56	72; 39		
46		2					
47		4					
48							
49							
50							
51							
52							
53							
54							
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85							

Project No. Moss Landing

UC Davis

Figure A-1.2

Project:

Log of Boring No. UC - B2

Date Drilled: January 18, 1994  
 Type of Boring: Rotary Wash with Bentonite Mud  
 Hammer Weight: 140lbs/30" CME 750

Remarks: 3-7/8 Drag bit (modified for side discharge)  
 Logged by: Peter Gathungu  
 Location: Moss Landing State Beach

Depth (ft.)	Samples	Blows/ft.	MATERIAL DESCRIPTION	LABORATORY TESTS				
				Moisture Content %	Liquid Limit;	Plasticity Index	Passing No. 200;	D 50 (mm)
Surface Elevation: Approx. 9 ft								
5	S1	6 7 8 16	<b>Poorly graded fine to medium-grained sand (SP)</b> Light gray medium dense sand				2%; 0.29	
	S2	3 6 6 11	Light gray medium dense sand with some shell fragments				1%; 0.37	
	S3	4 6 7 12	Gray medium dense sand with some shell fragments				1%; 0.30	
10	S4	4 6 8 14	Light gray medium dense sand with some shell fragments				1%; 0.50	
	S5	6 7 9 16	Light gray medium dense sand with some shell fragments				2%; 0.50	
15	S6	5 4 7 11	Light gray medium dense sand				1%; 0.40	
	S7	4 6 7 13	Light gray medium dense sand with tiny shells				2%; 0.50	
20	S8	6 5 8 13	Light gray to brown medium dense sand				1%; 0.80	
	S9-2	10	<b>Poorly graded sand and sand with gravel (SP)</b> Light gray to brown medium dense sand: SP (S9-2) Gray medium dense sand: SP (S9-1)				1%; 1.10	
	S9-1	12 15 27					2%; 0.39	
25	S10	8 12 13 25	<b>Poorly graded sand (SP)</b> Light gray medium dense sand				3%; 0.40	
30	S11	9 9 9 18	<b>Interlayered sand, gravelly sand, and silty clays</b> Gray silty sand with fine shells (S11-7) Gray medium dense sand: SP (S11-6) Brown gravelly sand (S11-5) Brown medium dense sand with gravel and some shell fragments: SW (S11-4) Gray fine sand with clay (S11-3: 2) Gray fine sand with gravel (S11-1)				2%; 0.40 1%; 3.0 (S11-6, 4)	
	S12	12 13 7 20		Dark gray medium dense silty sand: SP-SM (S12)				6%; 0.23
35	S13	14 16 6 21	Gray clayey sand (S13-5) Dark gray fine silty sand SP-SM (S13-4) Gray fine sand: SP (S13-3) Dark gray fine sand with shell fragments (S13-2) Gray firm to stiff clay with shell fragments (S13-1)				20%; 0.18 3%; 0.31 (S13-4, 3)	
40			Bottom of Hole: 41.5 ft					

Project No. Moss Landing

UC Davis

Figure A-2

Project:

Log of Boring No. UC - B3

Date Drilled: January 19, 1994  
 Type of Boring: Rotary Wash with Bentonite Mud  
 Hammer Weight: 140lbs/30" CME 750

Remarks: 3-7/8 Drag bit (modified for side discharge)  
 Logged by: Peter Gathungu  
 Location: Moss Landing Harbor Office (dock C)

Depth (ft.)	Samples	Blows/ft.	MATERIAL DESCRIPTION	LABORATORY TESTS							
				Moisture Content %	Liquid Limit	Plasticity Index	passing No. 200	D <sub>60</sub> (mm)			
Surface Elevation: Approx. 9 ft											
5	S1-2 -1	1 2 4	<b>Well-graded sand with silt (SW-SM)</b> Brown loose silty sand (S1-2) Brown loose sand (S1-1)				10%; 0.60 (S1-1)				
	S2	0 1 2	<b>Slightly Plastic Clay (CL) and Clayey sand (SC)</b> Light gray (with brown/red streaks), soft, slightly plastic clayey sand (S2) Sampler pushed in first 6 inches under hammer weight				29; 13		33%; 0.13		
	S3-4 -3 -2 -1	1 1 2	Dark gray to black organic clay (humic smell) Dark gray, high plasticity, soft clay (S3-4; 3; 1) with 1 inch seam of sand (S3-2)								
10	S4	0 1 3	Dark gray soft, slightly plastic clay with thin dark (1/4 in.) seams, CL				30; 11			19% < 5 micron	
	S5-2 S5-1	4 6 15	<b>Silty sand (SM) and Poorly graded sand (SP)</b> Gray medium dense silty sand (S5-2) Gray medium dense sand with some shells (S5-1) Gray fine grained silty sand (S6 - 2)						12%; 0.17 4%; 0.40		
15	S6-2 S6-1	1 2	<b>Medium to slightly plastic clay (CL)</b> Gray, soft, medium plastic clay (S6-1)	26 (S6-1)			41; 19				
	S7	0 2 4	Dark gray, medium stiff, slightly plastic clay CL (S7) Sampler pushed first 6 inches under hammer weight	32			35; 15				
20	S8	1 3 5	Dark gray, medium stiff, medium plastic clay (S8)	34			40; 20				
	S9-4 -3 -2 -1	5 14 31	<b>Interbedded clay, silty sand, and sand with silt</b> Dark gray medium plasticity clay with seam of sand (S9-4) Dark gray silty clay (S9-3) Gray dense silty sand SM (S9-2; S9-1) Gray loose silty sand: SM (S10-5; 4) Gray loose well-graded sand with silt: SW-SM (S10-3) Gray sandy clay (S10-2) Gary soft medium plastic clay with sand (S10-1)	27 (S9-3)			17%; 0.19 (S9-1)				
25	S10*	5 2 4					14%; 0.11 5%; 0.49 (S10-5, 3)				
	S11-3 -2 -1	12 20 40	<b>Sand, sand with gravel, and sand with gravel and clay</b> Brown to gray dense, medium to fine grained sand SP (S11-3) Light brown dense well-graded sand with gravel SW (S11-2) Brown-gray dense sand (some gravel particles) (S11-1)				4%; 0.60 5%; 3.50 (S11-3, 2)				
30	S12-4 -3 -2 -1	15 23 34	Brown dense sand with gravel SP (S12-4; 3) Orange-dark brown/red dense well-graded sand with clay and gravel SW-SC (S12-2) Gray dense sand with gravel (some brown clay at tip) (S12-1)				2%; 3.0 6%; 2.0 (S12-3, 2)				
35	S13	4 9 20	<b>High plasticity clay (CH)</b> Dark gray, very stiff, high plasticity clay	35			62; 40				
40			Bottom of Hole at 41.6 ft								

Project:

Log of Boring No. UC - B4

Date Drilled: January 20, 1994

Remarks: 3-7/8 Drag bit (modified for side discharge)

Type of Boring: Rotary Wash with Bentonite Mud

Logged by: Peter Gathungu

Hammer Weight: 140lbs/30" CME 750

Location: Moss Landing (Woodwards Small Boat Launch Area)

Depth (ft.)	Samples	Blow Counts	MATERIAL DESCRIPTION	LABORATORY TESTS				
				Moisture Content %	Liquid Limit	Plasticity Index	Passing No. 200	D 50 (mm)
Surface Elevation: Approx. 6 ft								
5	S1-3 -2 -1	2 3 2	<b>Sand and gravel fill</b>  Gravel with some shells (S1-3). Light brown/gray loose sand SP (S1-2) Gray Loose sand SP (S1-1)				5%; 0.56 2%; 0.49 (S1-2, 1)	
5	S2-3 -2 -1	3 3 2	<b>Interlayered sand and silty sand</b> Dark gray, loose sand with silt: SW-SM (S2-3) Gray loose silty sand (S2-2) Silt with sand ML (S2-1).				11%; 0.39 63%; - (S2-3, 1)	
10	S3	1 2 3	Gray sandy clay with gravel. (only 2-inch sample recovered)					
10	S4-3 -2 -1	4 6 8	<b>Poorly graded sand and sand with gravel (SP)</b> Gray-brown medium dense sand SP (S4-3; S4-1) Gray gravel with sand and shells (S4-2)				2%; 0.90 1%; 0.60 (S4 - 3, 1)	
15	S5-2 -1	5 9 12	Gray-brown medium dense sand with tiny shells (S5-2) Brown-gray gravelly medium dense sand with numerous shells (S5-1)				2%; 0.48 (S5 - 1)	
15	S6-3 -2 -1	7 5 1	Brown sandy gravel with shell fragments (S6-3) Brown-gray loose sand with gravel and some shells SP (S6-2) Gray loose medium grained sand SP (S6-1)				2%; 0.90 1%; 0.90 (S6 - 2, 1)	
20	S7* -1	1 5 7	<b>High Plasticity Clay (CH)</b> Gray silty sand with gravel (S7-7), and silty sand SM (S7-6) Gray soft to medium-stiff clay with sand (S7-5) Blue/gray to brown mottled, very stiff clay CH (S7-1,2,3,4) Gray/brown, soft, medium plasticity clay (S8 - 3); Brown to gray, stiff, high plasticity clay CH (S8 - 2); Gray, stiff, medium plasticity clay (S8 - 1)	35, 36 (S7-3; 2)	65; 42 (S7-2)			
20	S8-3 -2 -1	4 5 6		35 (S8-2)	55; 33 (S8-2)			
25	S9	3 4 6	Dark gray, stiff, high plasticity clay CH	44	66; 40			
30	S10-3 -2 -1	4 5 7	Gray sandy clay (S10 - 3); Blue/gray, medium stiff clay (S10 - 2); Dark gray, very stiff, high plasticity clay CH (S10 - 1)	76 (S10-1)	80; 48 (S10-1)			
Bottom of hole at 31.5 ft								

**Project:**

**Log of Boring No. UC - B5**

Date Drilled: June 20, 1994

Remarks: 3-7/8 Drag bit (modified for side discharge)

Type of Boring: Rotary Wash with Bentonite Mud

Logged by: Peter Gathungu

Hammer Weight: 140lbs/30" CME 750

Location: Moss Landing: Behind Harbor Masters Office

Depth (ft.)	Samples	Blows/ft.	MATERIAL DESCRIPTION	LABORATORY TESTS			
				Moisture Content %	Liquid Limit	Plasticity Index	Passing No. 200; D 50 (mm)
Surface Elevation: Approx. 10 ft							
5	S1-3 -2 -1	2 4 6	<b>Sand fill (SP)</b> Gray-brown medium dense, coarse sand with shell fragments (S1-3) Gray-brown clayey sand with shell fragments (S1-2) Light gray medium dense, fine sand (S1-1)				
	S2	2 2 2	No sample recovered				
10	O-1 O-2		<b>Interlayered Clay (CL, CH) and Silt (ML)</b> Dark gray organic clay (humic smell/small roots) Gray-brown mottled silty clay, CL, grades to gray silt, then to blue-gray clay at tube bottom (O-1) Dark gray silt with sand and clay (small grass roots; humic smell) Gray-black organic clay with silt (small grass roots; humic smell) (O-2)		22% < 5 micron @ 10.8' 22% < 5 micron @ 11.9' 20% < 5 micron @ 12.4'	38; 15 34; 7	
15	S3	3 6 7	<b>Interlayered silt (ML), sand (SP), and sand with silt (SP-SM)</b> Gray silt, ML				81%; -
	S4	5 7 10	Gray silt (as above)				82%; -
20	S5	7 7 10	Gray, medium dense, sand, SP				5%; 0.46
	S6	4 2 2	Gray, loose, poorly graded sand with silt, SP-SM				7%; 0.19
25	S7	2 1 1	<b>Interlayered medium and high plasticity clay (CL, CH)</b> Gray clay with shell fragments, CL	53	48; 28		
	S8	0 0 3	Dark gray soft clay with shell fragments, CH	59	62; 41		
30	S9-2 -1	4 2 1	Dark gray sand with clay (S9-2) Dark gray silty-sandy clay, CL, with thin seam (1") of medium to coarse sand, and shell fragments (S9-1)	54	44; 23 (S9-1)		
35			<b>Sand</b> Per CPT Log UC-19				
40	S10	2 5 5	<b>High plasticity clay (CH)</b> Greenish-gray, stiff clay, CH	37	65; 40		
Bottom of Hole at 41.5 ft							

**Project:** \_\_\_\_\_ **Log of Boring No. UC - B6**

**Date Drilled:** June 21, 1994 **Remarks:** 3-7/8 Drag bit (modified for side discharge)  
**Type of Boring:** Rotary Wash with Bentonite Mud **Logged by:** Peter Gathungu  
**Hammer Weight:** 140lbs/30" CME 750 **Location:** Moss Landing: Parking Lot near marine lab

Depth (ft.)	Samples	Blows/ft.	MATERIAL DESCRIPTION	LABORATORY TESTS			
				Moisture Content %	Liquid Limit	Plasticity Index	Passing No. 200; D 50 (mm)

Surface Elevation: Approx. 6 ft

5	O-1		<b>Sand</b>				
	O-2		<b>Clayey Silt</b> Interlayered high and low plasticity clays and silts - occasional lenses of silty sands and sands - significant organics content; roots more common in upper half of layer.				
10	O-3						
	O-4						
15	S1-2	5	<b>Poorly graded, medium grained sand (SP)</b> Gray medium dense, coarse sand with clayey silt (S1-2) Brown medium dense, medium to coarse grained sand (S1-1)				
	-1	6					
	-1	7					
	S2-3	5	Brown medium dense, coarse sand with shell fragments (S2-3)				
	-2	5	Gray medium dense, gravelly sand with shell fragments (S2-2)				
	-1	6	Brown medium dense, coarse to medium grained sand (S2-1)				
20	S3	1	Brown medium dense, coarse sand with some shell fragments				
	4	11					
	7	11					
			<b>Bottom of Hole at 21.5 ft</b>				
25							
30							
35							
40							

Project:

Log of Boring No. UC - B7

Date Drilled: June 23, 1994  
 Type of Boring: Rotary Wash with Bentonite Mud  
 Hammer Weight: 140lbs/30" CME 750

Remarks: 3-7/8 Drag bit (modified for side discharge)  
 Logged by: Peter Gathungu  
 Location: Moss Landing: Parking Lot near marine lab

Depth (ft.)	Samples	Blows/ft.	MATERIAL DESCRIPTION	LABORATORY TESTS			
				Moisture Content %	Liquid Limit	Plasticity Index	Passing No. 200; D 50 (mm)
Surface Elevation: Approx. 6 ft							
5	O-1		Sand				
10	O-2 O-3 O-4		Clayey Silt Interlayered high and low plasticity clays and silts - occasional lenses of silty sands and sands - significant organics content; roots more common in upper half of layer.				
15	S1-3 -2 -1	4 6 7 13	Poorly graded, medium grained sand (SP) Brown medium dense, medium to coarse grained sand (S1-3) Gray medium dense, coarse sand with silt and clay (S1-2) Brown medium dense, medium to coarse grained sand (S1-1)				
20	S2	4 4 6 10	Brown medium dense, medium to coarse grained sand, SP				1%; 1.1
25	S3-2 -1	4 6 10 4	Brown medium dense, coarse sand with gravel (S3-2) Brown medium dense, medium to coarse grained sand (S3-1)				
30	S4	1 2 3 5	Brown, loose, coarse sand with gravel particles and shell fragments				
35	S5	2 3 4 7	Silty sand (SM) Dark gray silty sand, SM				24%; 0.13
40	S6	2 2 3 5	Dark gray silty sand (as above)				24%; 0.13
	S7	2 3 3 6	Dark gray silty sand (as above) with shell fragments				25%; 0.13
Bottom of Hole at 31.5 ft							



Project:

Log of Boring No. UC - B8

Date Drilled: June 22, 1994

Remarks: 3-7/8 Drag bit (modified for side discharge)

Type of Boring: Rotary Wash with Bentonite Mud

Logged by: Peter Gathungu

Hammer Weight: 140lbs/30" CME 750

Location: Moss Landing: Parking Lot near marine lab

Depth (ft.)	Samples	Blows/ft.	MATERIAL DESCRIPTION	LABORATORY TESTS				
				Moisture Content %	Liquid Limit	Plasticity Index	Passing No. 200	D 50 (mm)
Surface Elevation: Approx. 6 ft								
5	O-1		Sand					
6			<b>Clayey Silt</b> Interlayered high and low plasticity clays and silts - occasional lenses of silty sands and sands - significant organics content; roots more common in upper half of layer.					
7	O-2							
8	O-3							
9	O-4							
10			<b>Interlayered sand, sand with gravel (SP), and gravel (GP)</b> Gray-brown medium dense, medium grained sand, SP  Brown medium dense, coarse grained sand with gravel, SP  Brown fine gravel with some shell fragments, GP (S3-2) Brown medium dense, medium grained sand (S3-1)  Brown gravel with some shell fragments (S4-3) Brown loose, coarse grained sand (S4-2)					
11	S1	3					2%; 0.79	
12		6						
13		8						
14	S2	3					1%; 1.6	
15		6						
16		7						
17	S3-2	4					0%; 5.3 (S3-2)	
18	-1	6						
19		5						
20	S4-3	2						
21	-2	2						
22	-1	3						
23			<b>High plasticity clay (CH)</b> Gray, medium stiff, clay with two thin sand seams (Approx. 4 mm) S4-1					
24			Bottom of Hole at 24.0 ft					
25								
30								
35								
40								

**Project:**

**Log of Boring No. UC - B9**

Date Drilled: June 22, 1994

Remarks: 3-7/8 Drag bit (modified for side discharge)

Type of Boring: Rotary Wash with Bentonite Mud

Logged by: Peter Gathungu

Hammer Weight: 140lbs/30" CME 750

Location: Moss Landing: Parking Lot near marine lab

Depth (ft.)	Samples	Blows/ft.	MATERIAL DESCRIPTION	LABORATORY TESTS			
				Moisture Content %	Liquid Limit;	Plasticity Index	Passing No. 200; D 50 (mm)
Surface Elevation: Approx. 6 ft							
5	Q-1		<b>Sand</b>				
	Q-2		<b>Clayey Silt</b> Interlayered high and low plasticity clays and silts - occasional lenses of silty sands and sands - significant organics content; roots more common in upper half of layer.				
10	Q-3						
	Q-4						
15	S1	4	<b>Poorly graded, medium grained sand (SP)</b> Brown medium dense, medium grained sand				1%; 0.64
		7					
		14					
	S2	3	Brown medium dense, medium to coarse grained sand				
		4					
20		10					
	S3	5	Brown medium dense, medium to coarse grained sand				
		8					
		15					
	S4	2	<b>High plasticity clay (CH)</b> Dark gray, medium stiff clay	36	56; 35		
		1					
25		6					
	S5	3	<b>Silty sand (SM)</b> Dark gray silty sand with some shell fragments			38%; 0.12	
		3					
		6					
Bottom of Hole at 26.5 ft							

Project:

Log of Boring No. UC - B10

Date Drilled: June 21, 1994  
 Type of Boring: Rotary Wash with Bentonite Mud  
 Hammer Weight: 140lbs/30" CME 750

Remarks: 3-7/8 Drag bit (modified for side discharge)  
 Logged by: Peter Gathungu  
 Location: Moss Landing: Loading Dock at Bayfresh Seafood

Depth (ft.)	Samples	Blows/ft.	MATERIAL DESCRIPTION	LABORATORY TESTS			
				Moisture Content %	Liquid Limit	Plasticity Index	Passing No. 200; D 50 (mm)
Surface Elevation: Approx. 5.5 ft							
5	S1-2 -1	4 4 5 9	<b>Poorly graded sand (SP)</b> White-brown, medium dense, coarse sand with shell fragments (S1-2) Brown, medium dense, fine grained sand (S1-1)				
	S2-2 -1	0 0 0 0	Brown, very loose, fine to medium grained sand (S2-2) Gray, very loose, coarse sand (S2-1)				
10	S3-3 -2 -1	2 4 6 10	Gray, coarse silty sand (S3-3) Gray-brown, medium dense, coarse sand (S3-2) Brown, medium dense, medium grained sand (S3-1)				2%; 1.2 2%; 0.5 (S3-2,1)
	S4-3 -2 -1	7 6 3 9	Brown, medium dense, medium grained sand (S4-3) Brown, medium dense, coarse grained sand (S4-2) Brown, medium dense, fine to medium grained sand (S4-1)				
	S5-2 -1	2 2 4	Brown, loose, medium grained sand SP (S5-2)				
15	S6	1 1 2	<b>Silt with sand (ML)</b> Dark gray. (18% < 5 micron (S5-1)) <b>Poorly graded, medium grained sand (SP)</b> Brown, very loose, medium grained sand				32; 7 (S5-1) 2%; 1.6 74%; - (S5-2,1)
	S7-2 -1	2 2 3 5	<b>Silt with sand (ML)</b> Gray, silt with sand and clay (S7-2) Gray, silt with sand (S7-1) (ML)				14% < 5 micron (S7-1) 80%; - (S7-1)
20	S8-3 -2 -1	9 11 15 26	<b>Poorly graded, medium to coarse grained sand (SP) with silty seam (SM)</b> Brown, medium dense, medium to coarse grained sand (S8-3) Gray, medium dense, medium grained silty sand SM (S8-2) Light gray, medium dense, medium grained sand (S8-1)				41%; 0.20 (S8-2)
	S9-2 -1	9 17 18 36	Gray-brown, dense, coarse sand with shells SP (S9-2) Light gray, dense, medium grained sand (S9-1)				4%; 2.1 (S9-2)
25	S10-2 -1	9 13 15 28	Gray, soft clay (S10-2) Light gray, medium dense, medium to coarse grained sand (S10-1)				
	S11-2 -1	9 18 24 42	Light gray, dense, coarse sand with some shells (S11-2) Light gray, dense, medium to fine grained sand SP (S11-1)				2%; 0.52 (S11-1)
30	S12-2 -1	10 15 18 33	Gray, dense, coarse sand with shell fragments (S12-2) Light gray, dense, medium grained sand with tiny shell fragments SP (S12-1)				3%; 0.70 (S12-1)
	S13-2 -1	8 12 6 18	Light gray-brown, medium dense, coarse sand with shell fragments (S13-2) Light gray, medium dense, medium grained sand (S13-1)				
35	S14	0 0 1 1	<b>High plasticity clay (CH)</b> Gray, very soft clay				44 56; 34
Bottom of Hole at 36.5 ft							
40							

**Project:**

**Log of Boring No. UC - B11**

Date Drilled: June 23, 1994

Remarks: 3-7/8 Drag bit (modified for side discharge) Using NW rods

Type of Boring: Rotary Wash with Bentonite Mud

Logged by: Peter Gathungu

Hammer Weight: 140lbs/30" CME 750

Location: Moss Landing: Parking Lot near marine lab

Depth (ft.)	Samples	Blows/ft.	MATERIAL DESCRIPTION	LABORATORY TESTS				
				Moisture Content %	Liquid Limit	Plasticity Index	Passing No. 200	D 50 (mm)
Surface Elevation: Approx. 6 ft								
5			Sand					
10			Clayey Silt Interlayered high and low plasticity clays and silts - occasional lenses of silty sands and sands - significant organics content; roots more common in upper half of layer.					
15	S1	5 8 10	Poorly graded, medium grained sand (SP) Brown medium dense coarse sand with coarser gravelly seam and a thin clayey seam near center and some shell fragments					
20	S2	5 5 5	Brown/gray medium dense, medium to coarse grained sand, SP				1%; 0.7	
21.5	S3	4 6 8	Light brown medium dense, medium to coarse grained sand with gravel					
Bottom of Hole at 21.5 ft								

**Project:**

**Log of Boring No. UC - B12**

Date Drilled: June 23, 1994

Remarks: 3-7/8 Drag bit (modified for side discharge) Using NW rods

Type of Boring: Rotary Wash with Bentonite Mud

Logged by: Peter Gathungu

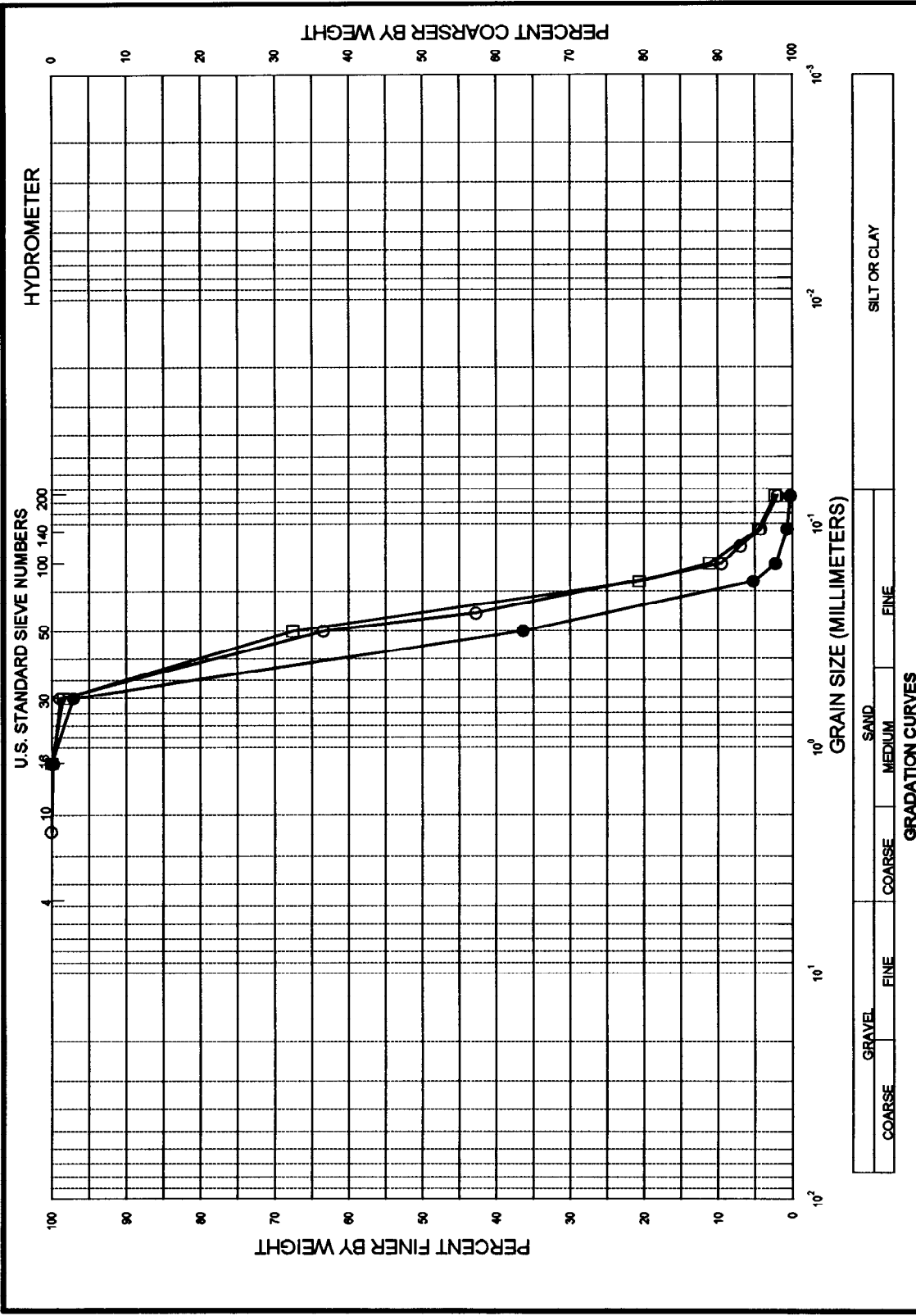
Hammer Weight: 140lbs/30" CME 750

Location: Moss Landing: Parking Lot near marine lab

Depth (ft.)	Samples	Blows/ft.	MATERIAL DESCRIPTION	LABORATORY TESTS				
				Moisture Content %	Liquid Limit;	Plasticity Index	Passing No. 200;	D 50 (mm)
Surface Elevation: Approx. 6 ft								
5			<b>Sand</b>					
10			<b>Clayey Silt</b> Interlayered high and low plasticity clays and silts - occasional lenses of silty sands and sands - significant organics content; roots more common in upper half of layer.					
15	S1	4 6 7	<b>Poorly graded, medium to coarse grained sand (SP)</b> Brown medium dense, medium to coarse grained sand with some shell fragments					
20	S2	6 6 7		Brown medium dense, coarse to medium grained sand				
21.5	S3-2 -1	6 5 6		Brown medium dense, coarse grained sand with gravel				
<b>Bottom of Hole at 21.5 ft</b>								

**APPENDIX C:**

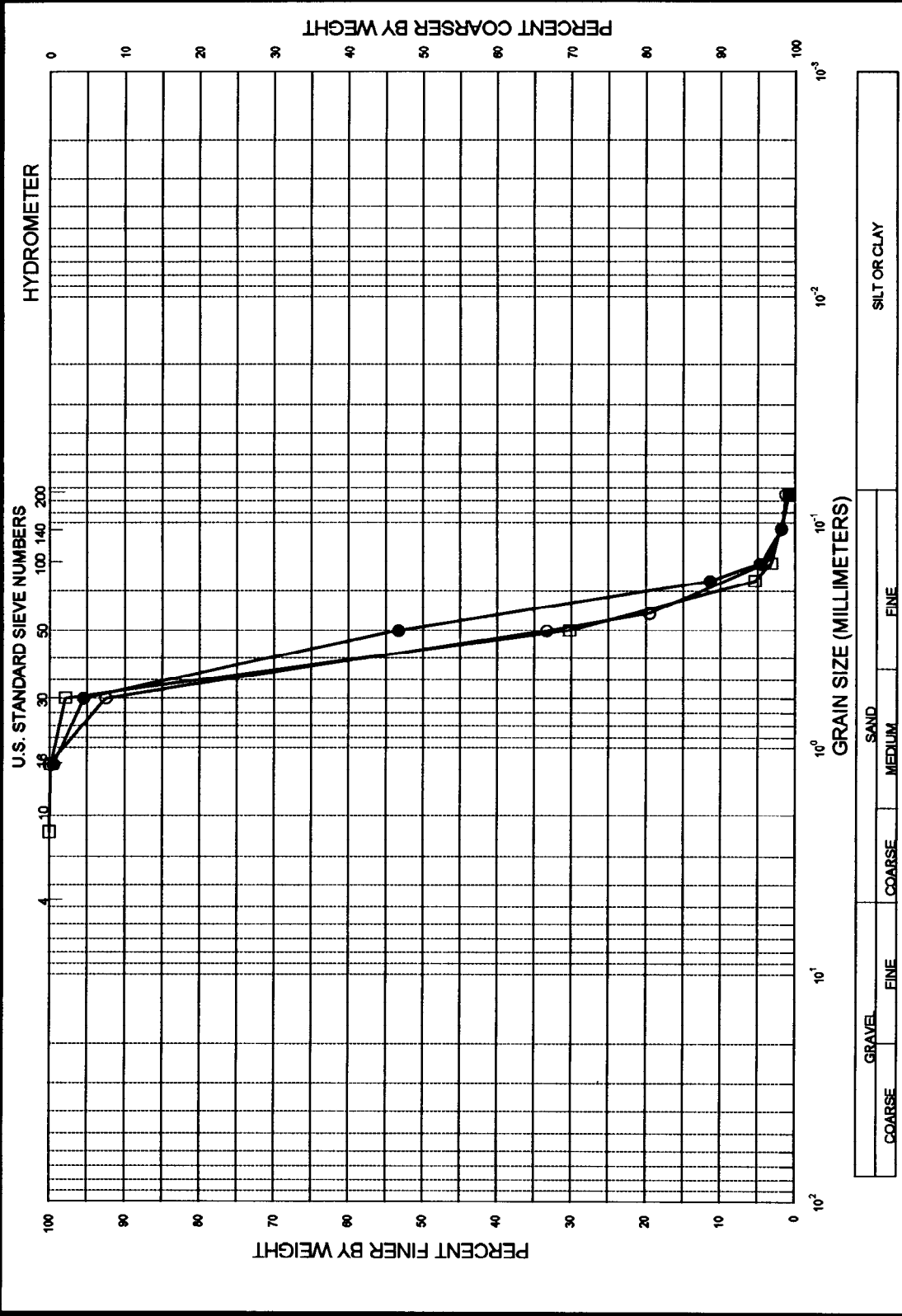
**GRAIN SIZE AND ATTERBERG LIMIT TEST RESULTS**



GRADATION CURVES		SILT OR CLAY			
GRAVEL	COARSE	FINE	COARSE	MEDIUM	FINE
CLASSIFICATION	SILT OR CLAY				
DEPTH (ft)	2.5	Poorly graded sand (SP)	W <sub>60</sub>	LL	PI
●	5.0	Poorly graded sand (SP)			
○	7.5	Poorly graded sand (SP)			
□					

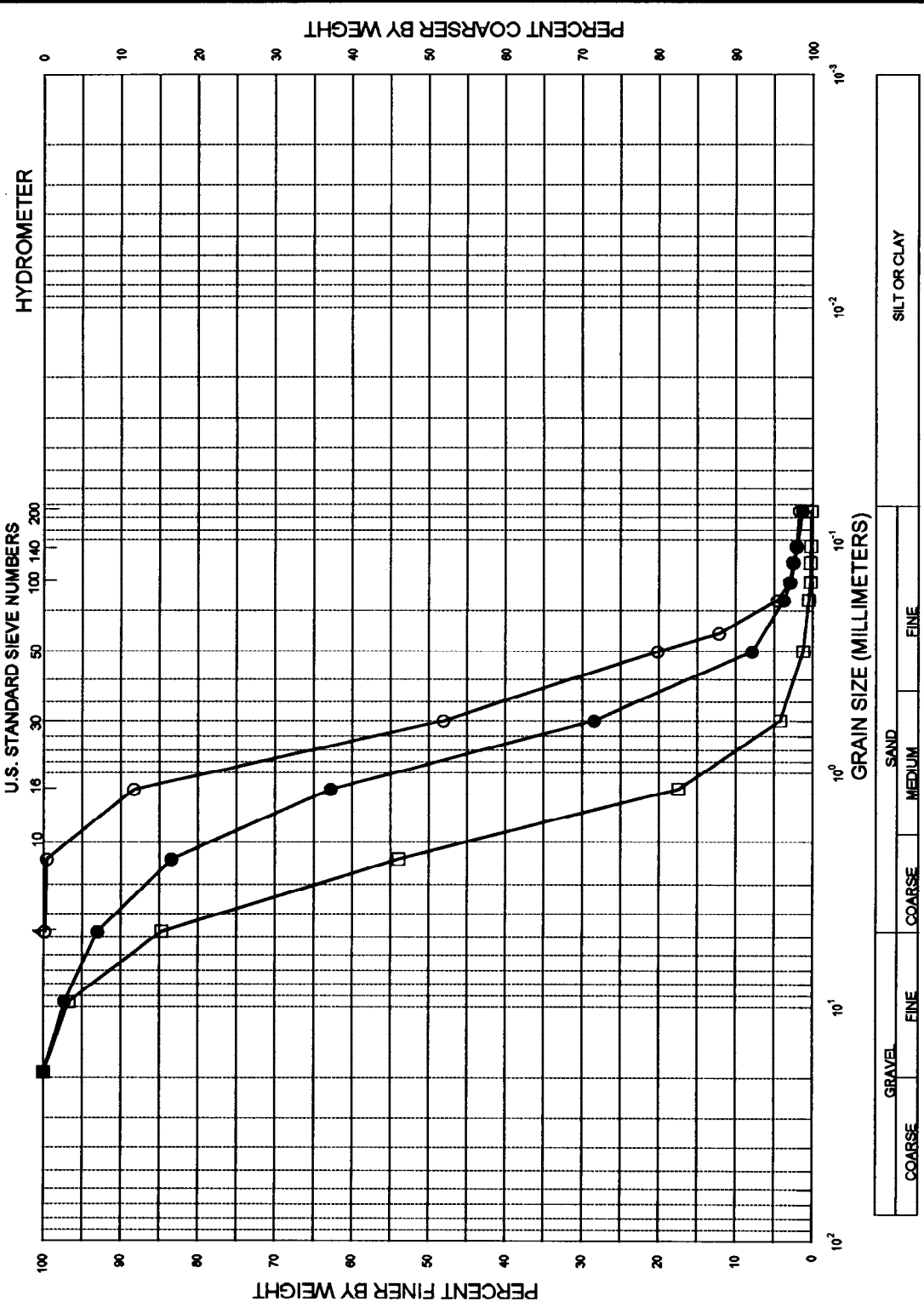
PROJECT:	Moss Landing
BORING No.:	UC - B1 (State Beach)
DATE:	2/27/1984
TESTED BY:	P. M. G



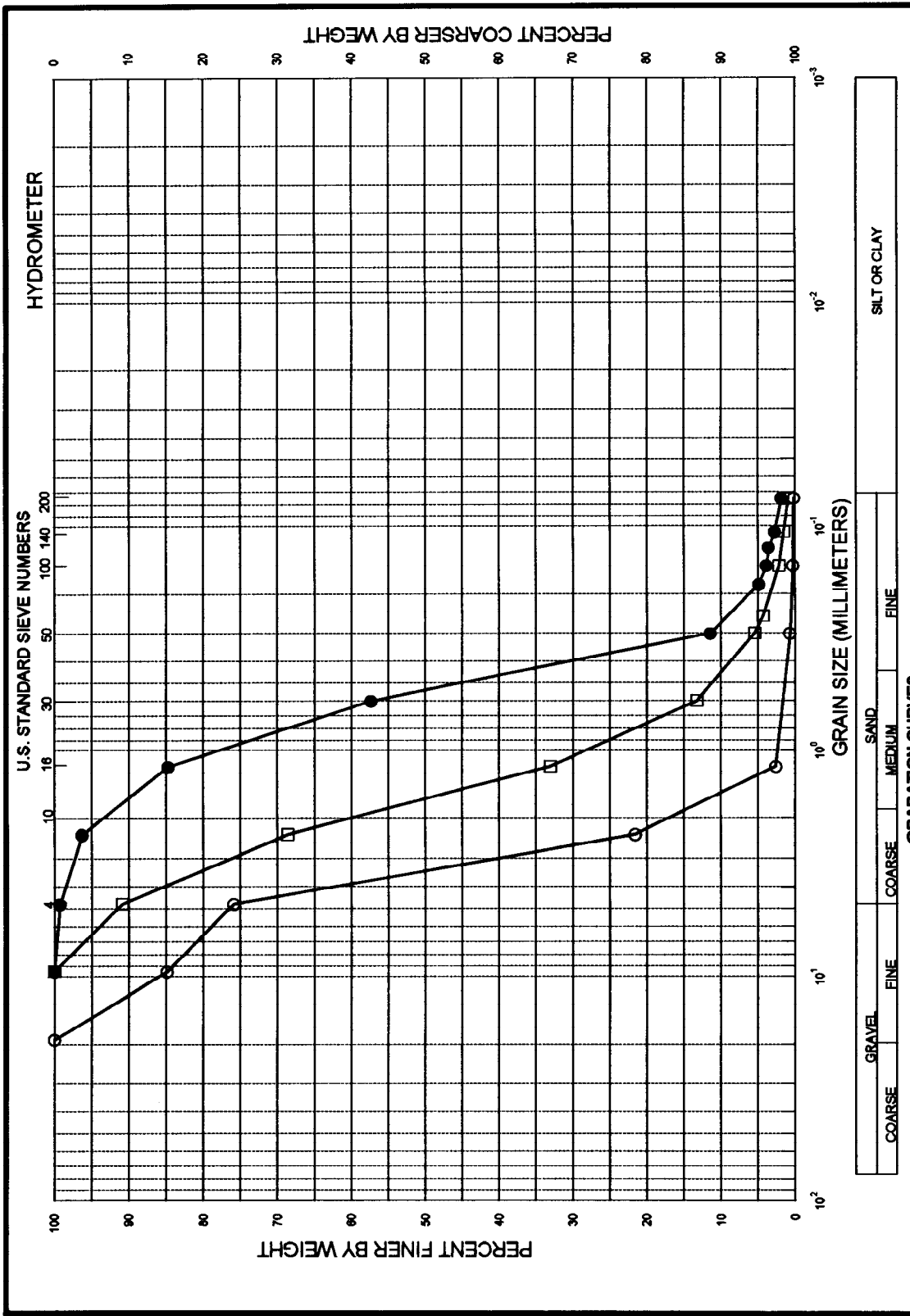
GRADATION CURVES		CLASSIFICATION				PROJECT: Moss Landing	
SAMPLE No.	DEPTH (ft)	GRAVEL	SAND	FINE	W%	U <sub>c</sub>	PI
● S4	10.0		POORLY GRADED SAND (SP)				
○ S5	12.5		POORLY GRADED SAND (SP)				
□ S6	15.0		POORLY GRADED SAND (SP)				

BORING No.: UC - B1 (State Beach)  
 DATE: 2/27/1984  
 TESTED BY: P. M. G



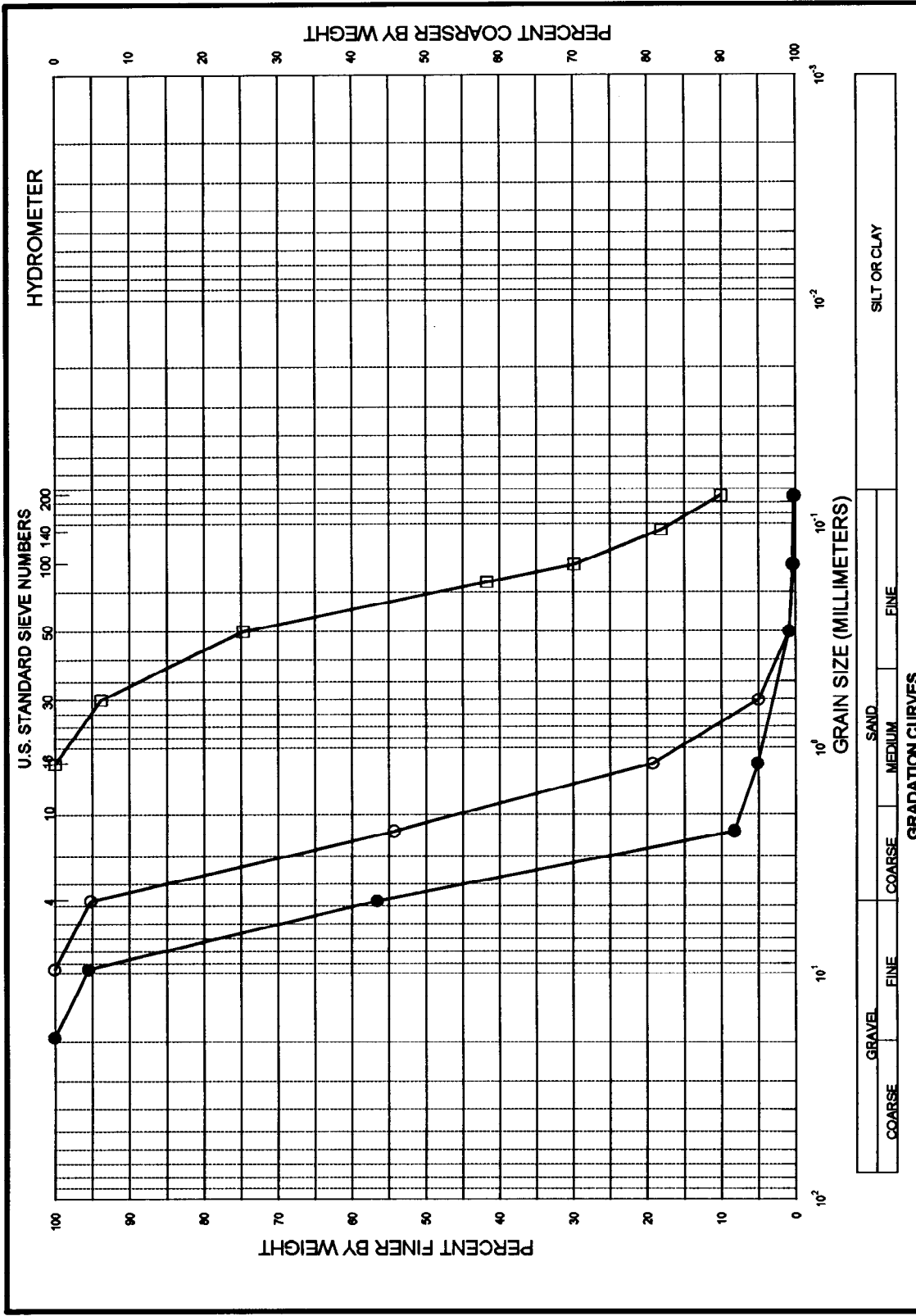


SAMPLE No.	DEPTH (M)	CLASSIFICATION	W%	LL	PL	PI	PROJECT: Moss Landing
● S7	17.5	Poorly graded sand (SP)					BORING No.: UC - B1 (State Beach)
○ S8 - 1	20.0	Poorly graded sand (SP)					DATE: 4/10/1994
□ S8 - 2	20.0	Poorly graded sand with gravel (SP)					TESTED BY: P. M. G

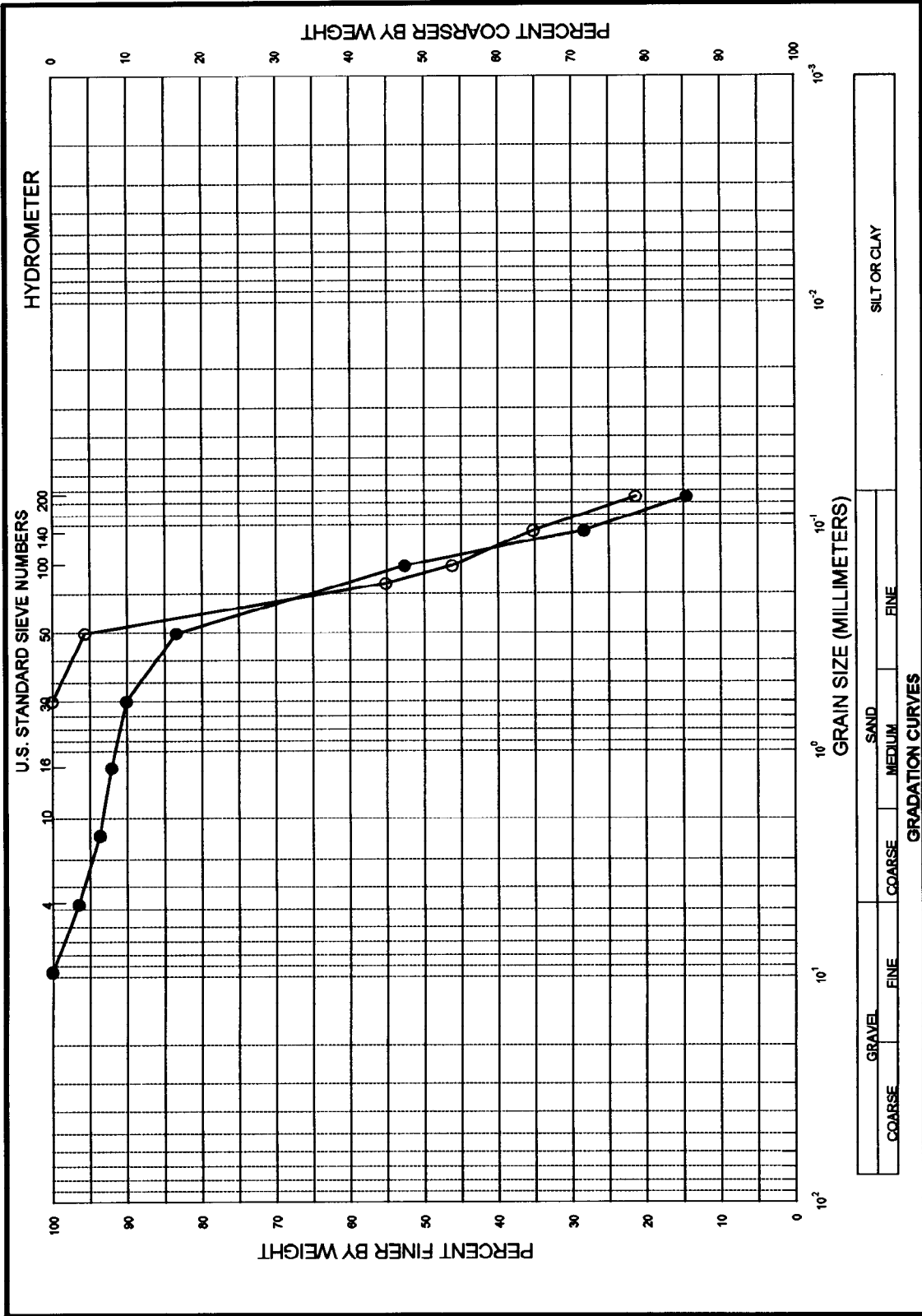


GRADATION CURVES		SILT OR CLAY			
SAMPLE No.	DEPTH (ft)	CLASSIFICATION	W%	LL	PL
● S9 - 1	22.5	Poorly graded sand (SP)			
○ S9 - 2	22.5	Poorly graded sand with gravel (SP)			
□ S10 - 2	25.0	Poorly graded sand (SP)			

PROJECT: Moss Landing  
BORING No.: UC - B1 (State Beech)  
DATE: 2/27/1964  
TESTED BY: P. M. G.

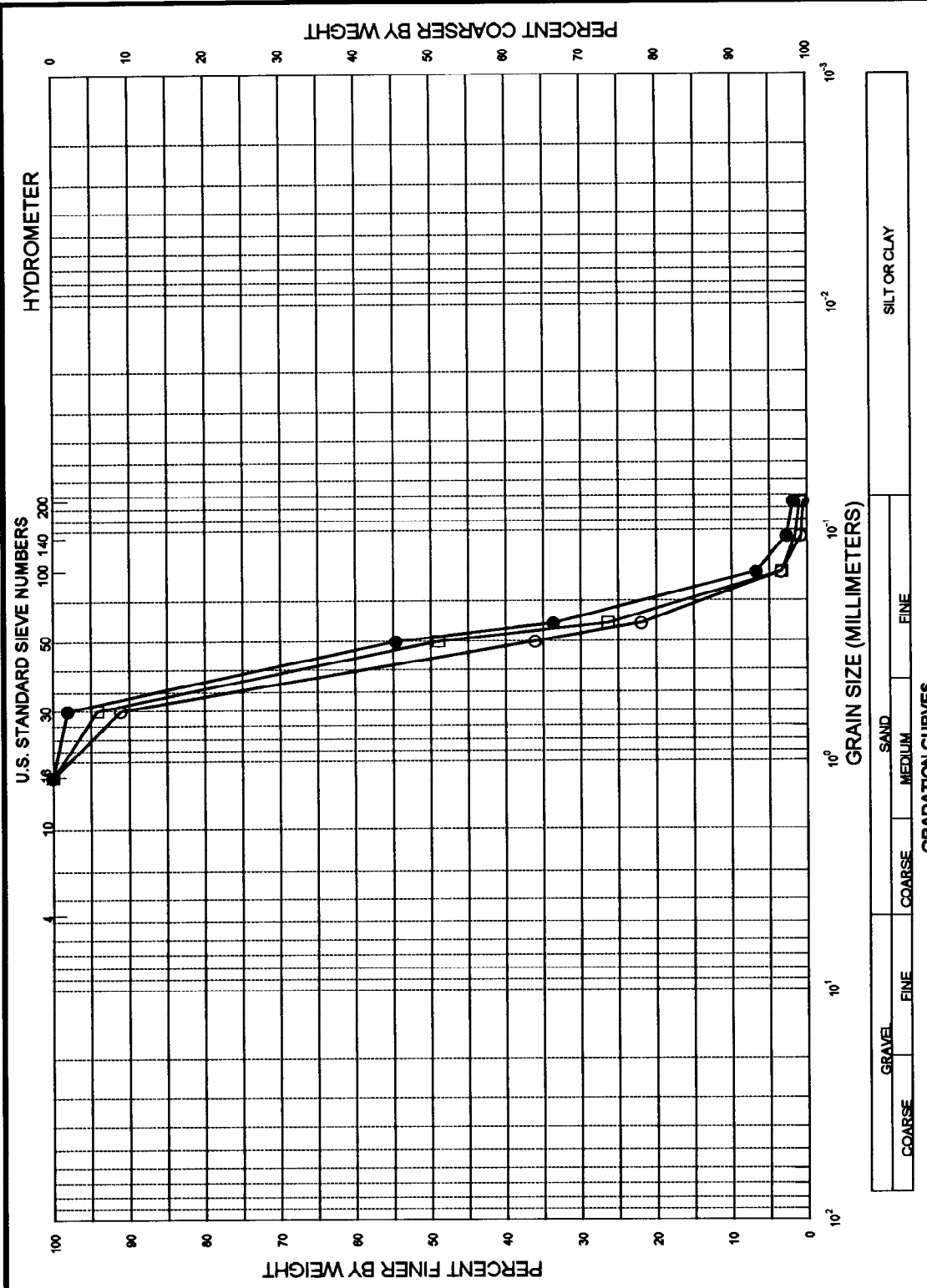


PROJECT: Moss Landing  
 BORING No.: UC - B1 (State Beach)  
 DATE: 2/27/1994  
 TESTED BY: P. M. G

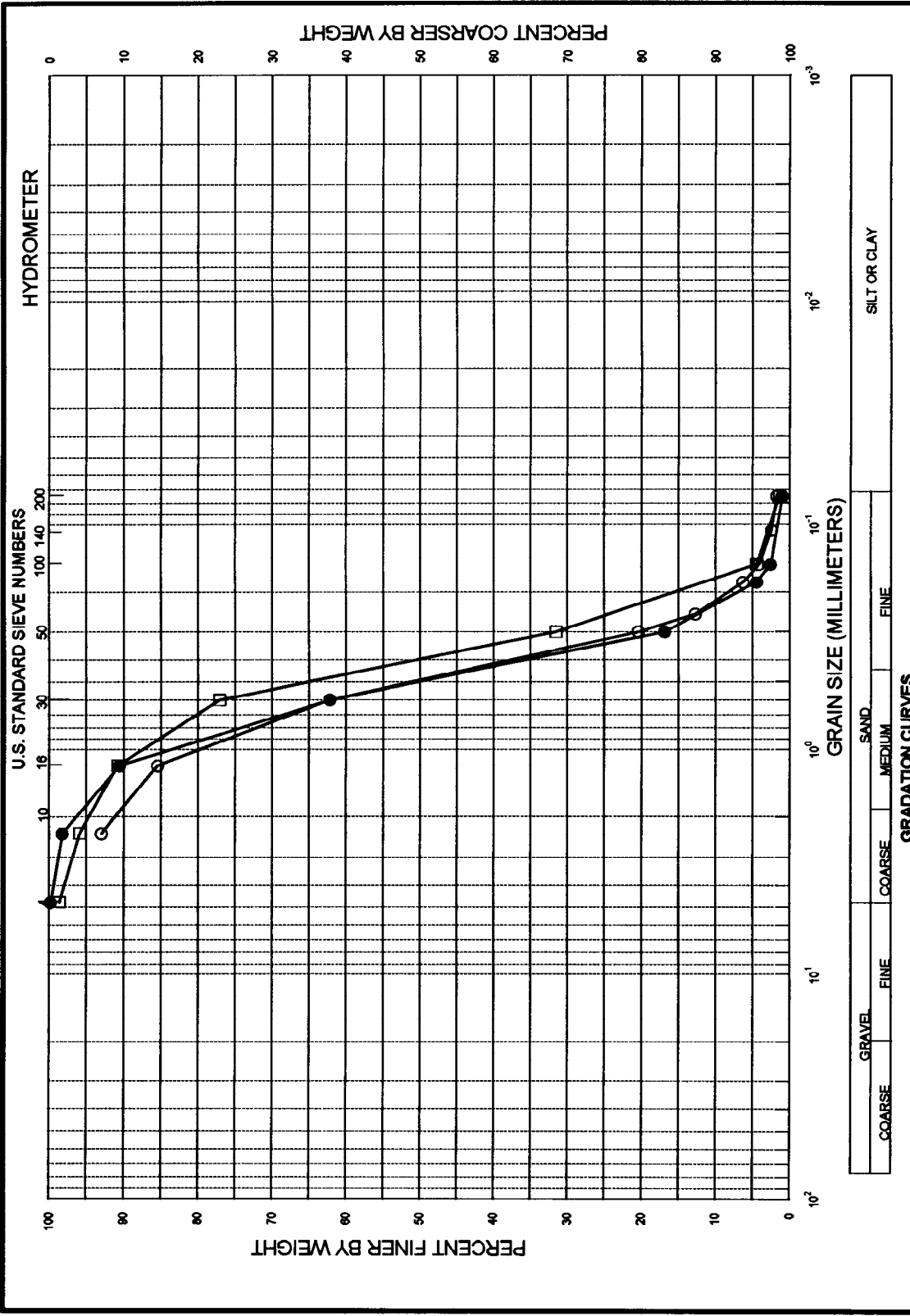


GRADATION CURVES		PROJECT: Moss Landing			
SAMPLE No.	DEPTH (ft)	CLASSIFICATION	W <sub>p</sub>	LL	PI
● S13	32.5	Silty sand (SM)			
○ S14	36.0	Silty sand (SM)	30		

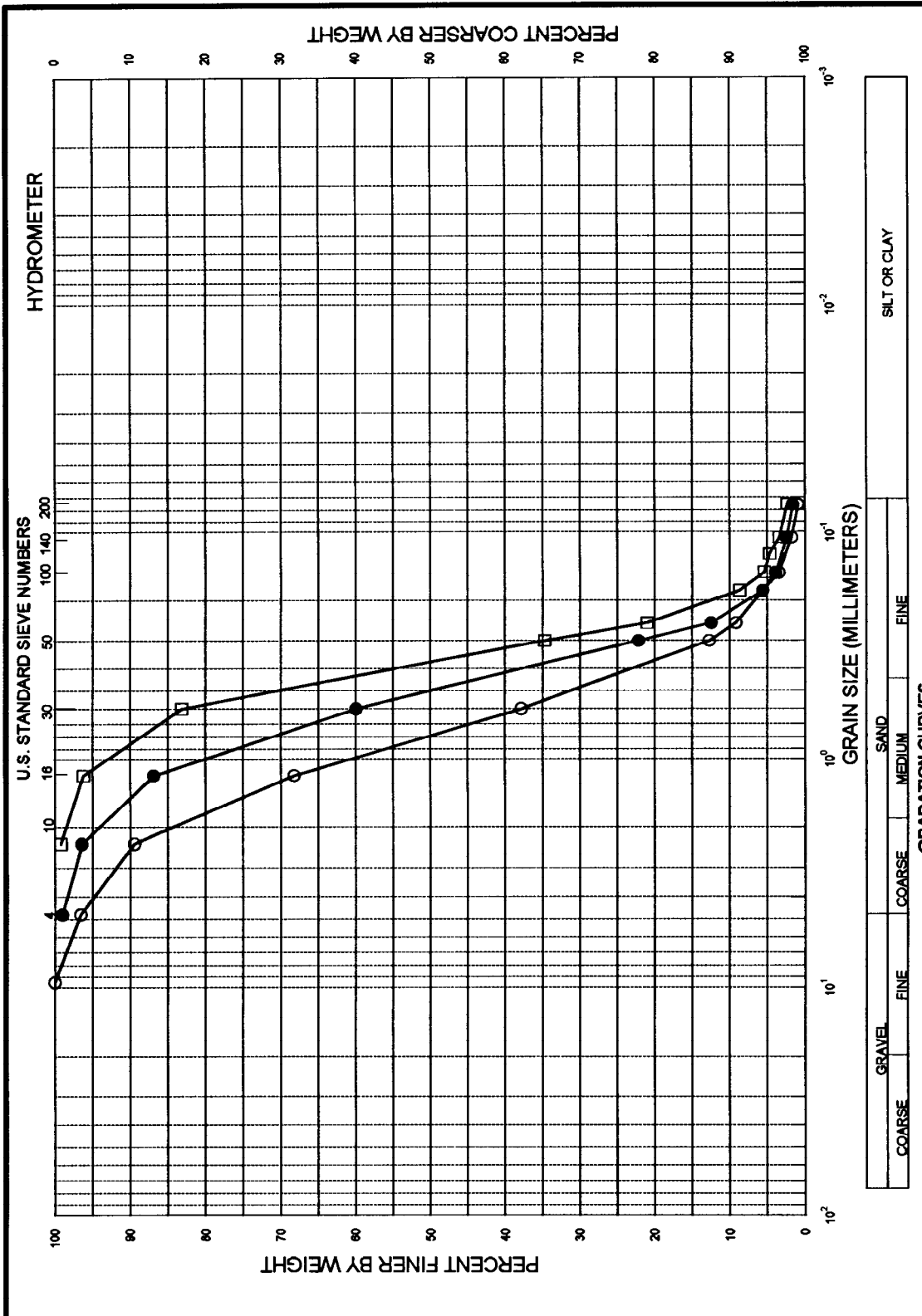
DATE: 04/01/1994      TESTED BY: P. M. G.



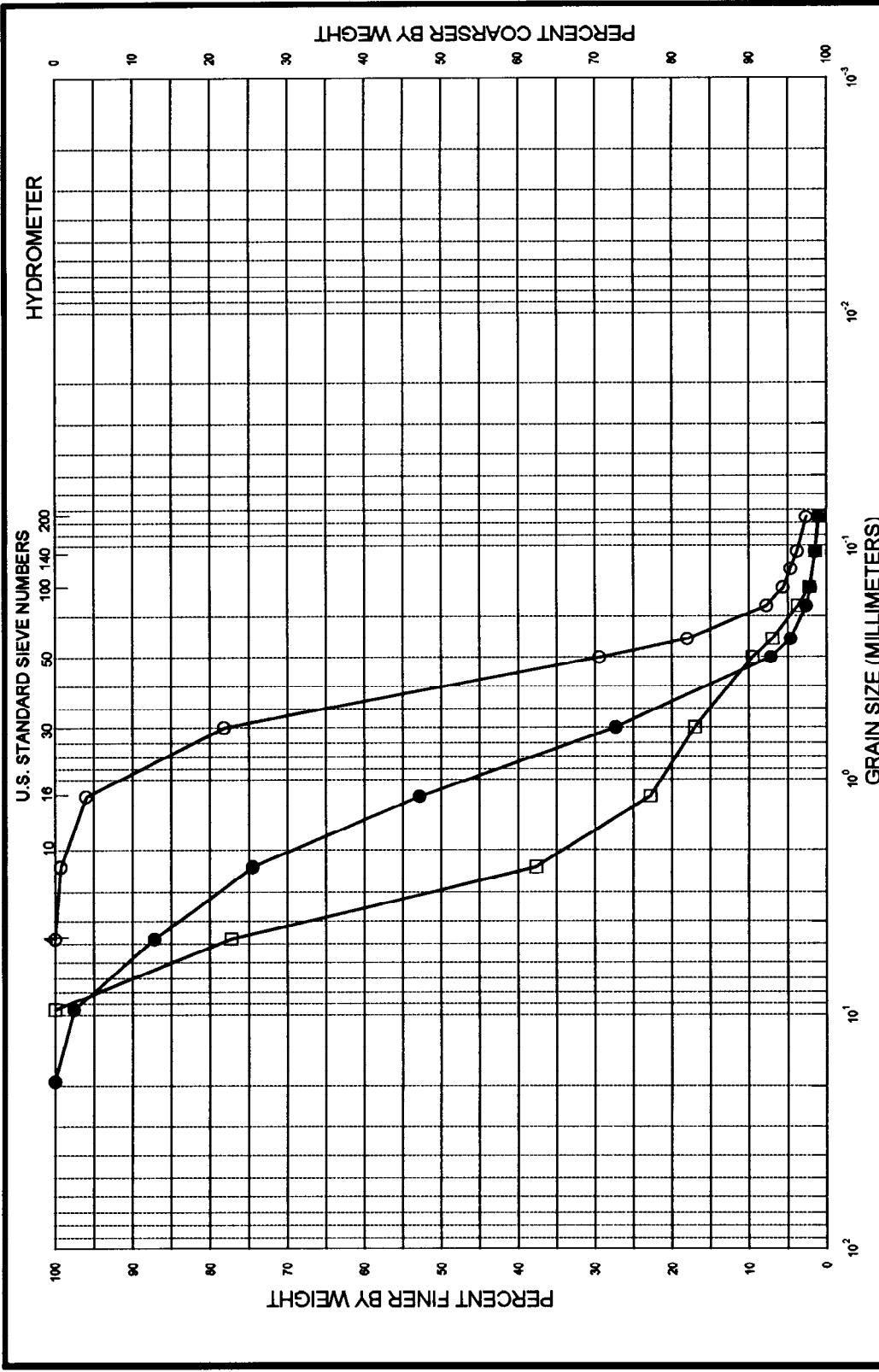
<b>GRADATION CURVES</b>			
GRAVEL COARSE FINE	SAND MEDIUM FINE		
SILT OR CLAY			
SAMPLE No.	DEPTH (ft)	CLASSIFICATION	PROJECT: Moss Landing
● S1	2.5	Poorly graded sand (SP)	BORING No.: UC - B2 (State Beach)
○ S2	5.0	Poorly graded sand (SP)	
□ S3	7.5	Poorly graded sand (SP)	
			DATE: 3/30/1994 TESTED BY: P. M. G.



PROJECT: Moss Landing	PL	PL	PL
BORING No.: UC - B2 (State Beach)			
DATE: 3/30/1994			
TESTED BY: P. M. G.			



SAMPLE No.	DEPTH (ft)	CLASSIFICATION	GRADATION CURVES					PROJECT: Moss Landing
			W%	LL	PL	PI	BORING No.:	
● S7	17.5	Poorly graded sand (SP)					UC - B2 (State Beach)	
○ S8	20.0	Poorly graded sand (SP)					DATE: 3/30/1994	
□ S9-1	22.5	Poorly graded sand (SP)					TESTED BY: P. M. G.	

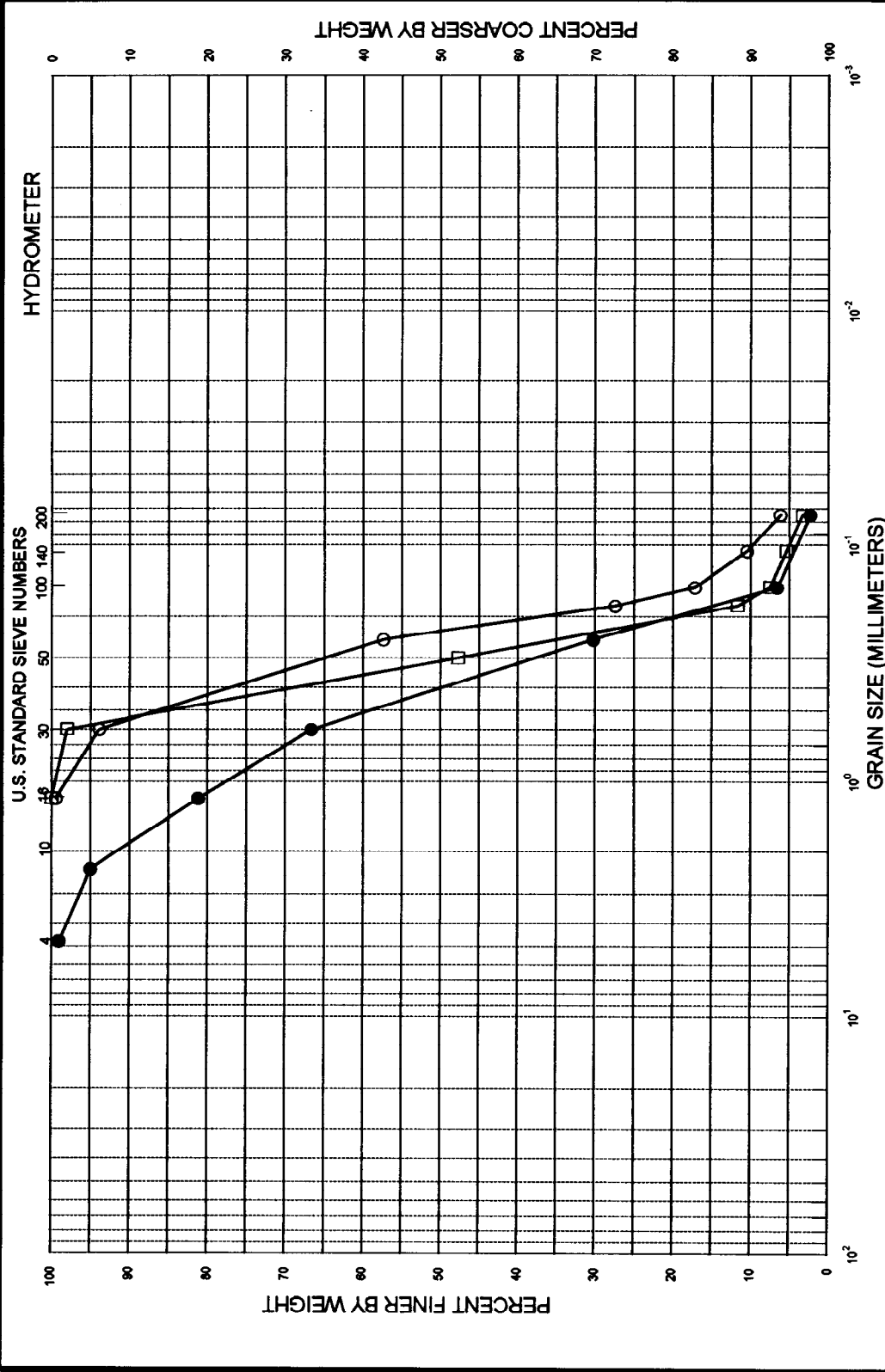


GRAVEL		SAND			SILT OR CLAY	
COARSE	FINE	COARSE	MEDIUM	FINE	PL	PI

**GRADATION CURVES**

SAMPLE No.	DEPTH (ft)	CLASSIFICATION	W <sub>h</sub>	PL	PI	PROJECT:
● S9-2	22.5	Poorly graded sand (SP)				Moss Landing
○ S10	25.0	Poorly graded sand (SP)				BORING No.: UC - B2 (State Beach)
□ S11-4	30.0	Well-graded sand with gravel (SW)				DATE: 3/30/1994
						TESTED BY: P. M. G.



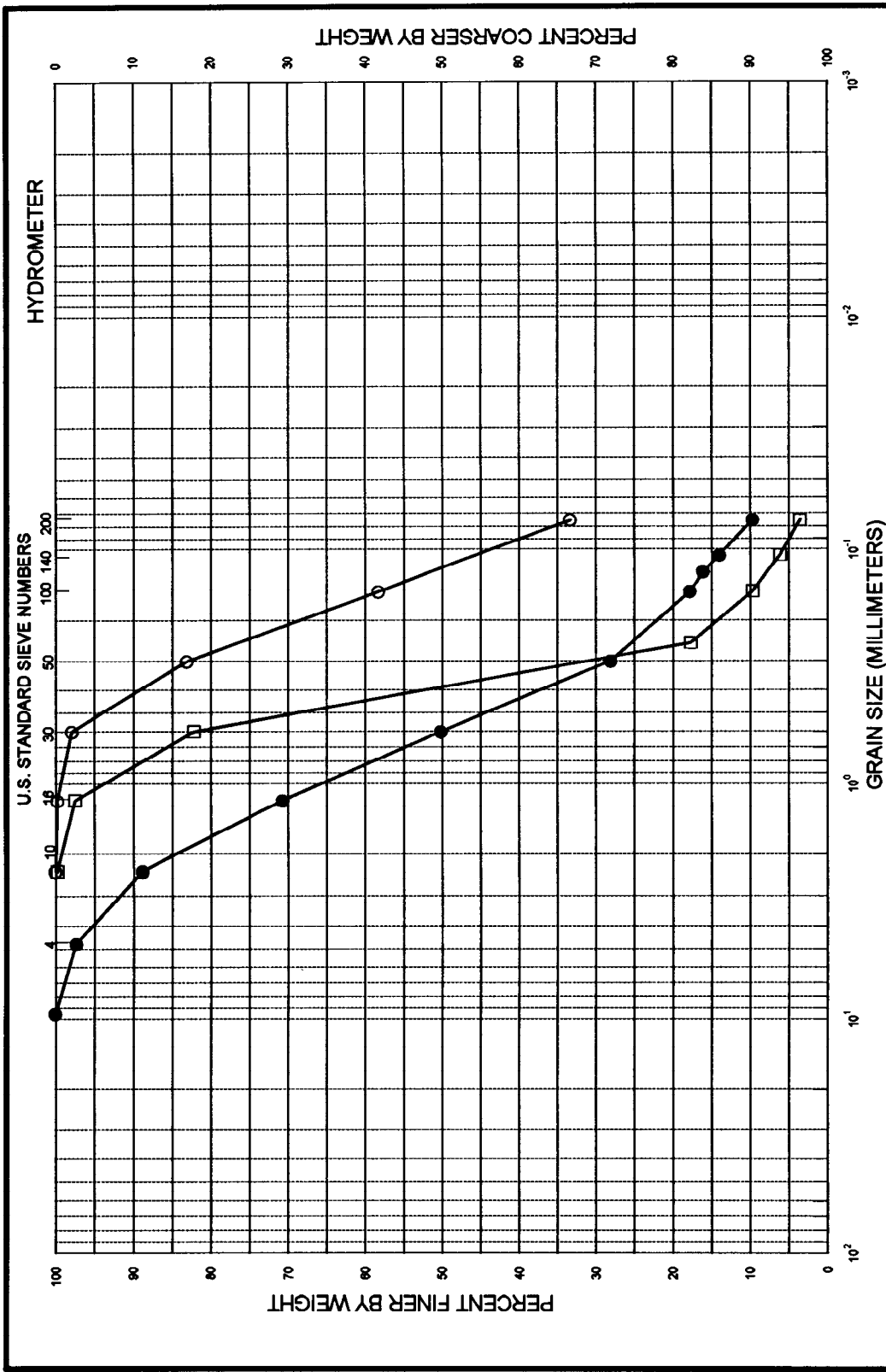


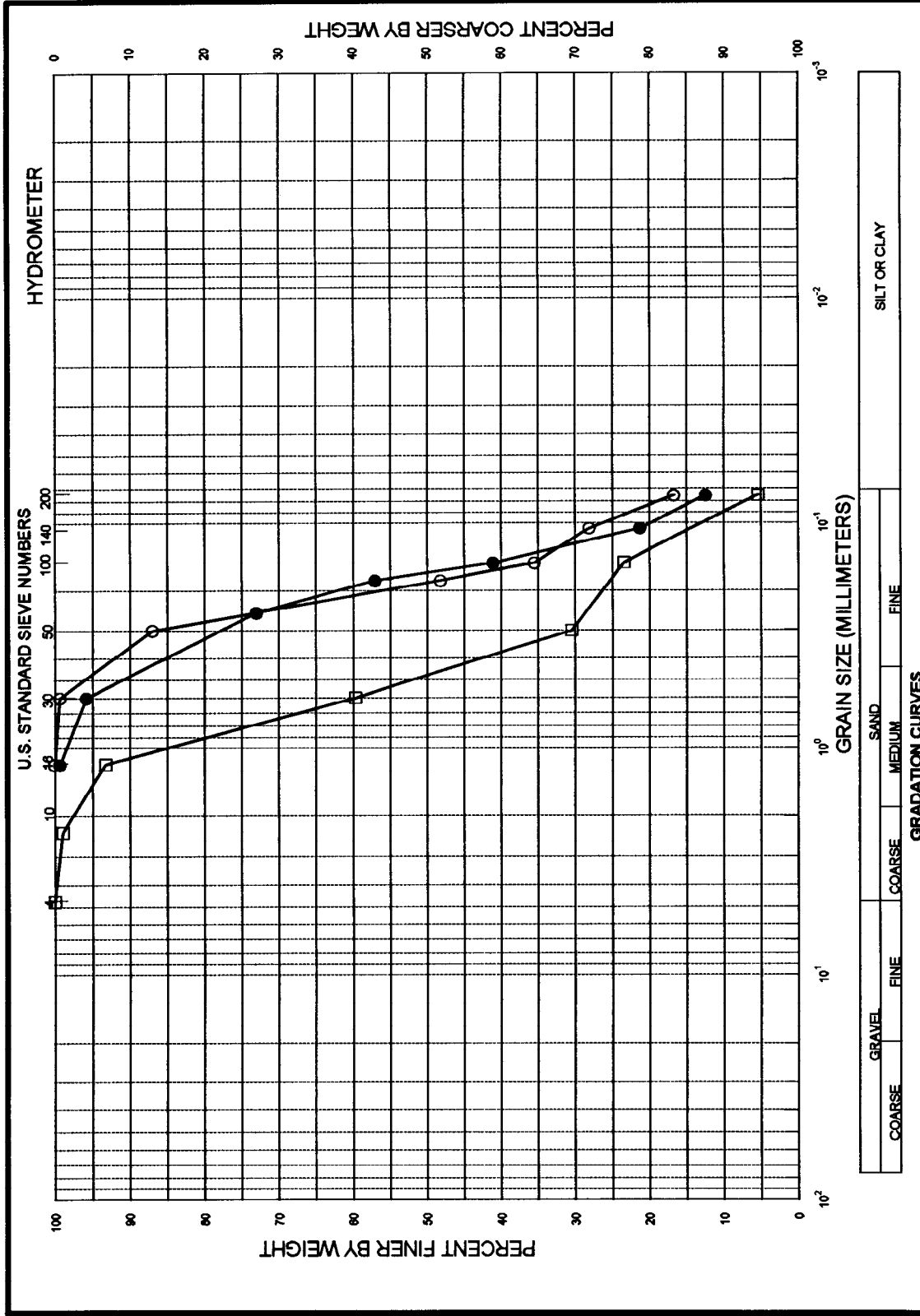
GRAVEL		SAND		FINE		SILT OR CLAY	
COARSE	FINE	COARSE	MEDIUM	FINE	COARSE	FINE	PL

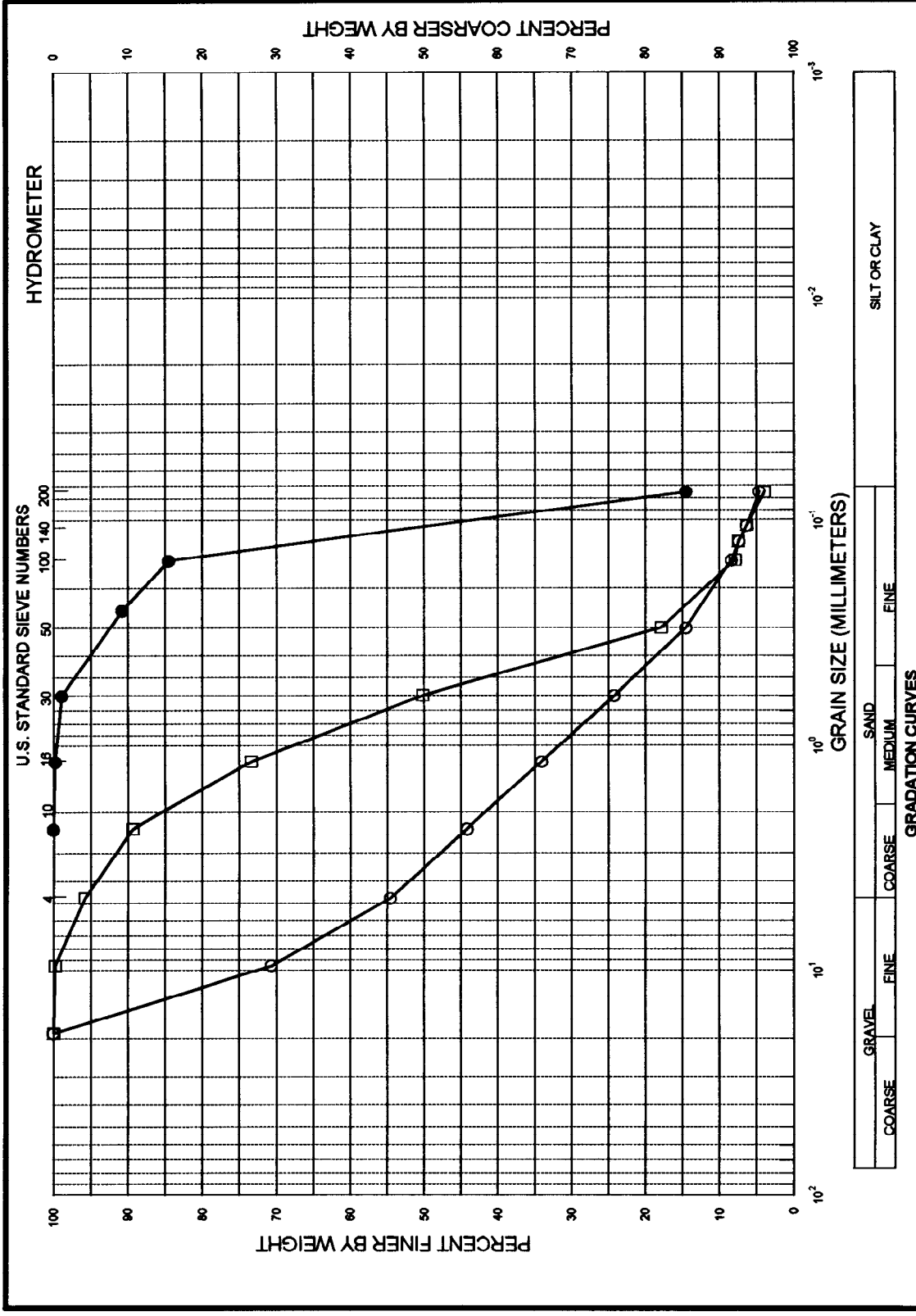
SAMPLE No.	DEPTH (ft)	CLASSIFICATION	GRADATION CURVES		PROJECT:
			W%	PI	
● S11-6	30.0	Poorly graded sand (SP)			Moss Landing
○ S12	35.0	Poorly graded sand with silt (SP-SM)			BORING No.: UC - B2 (State Beach)
□ S13-3	40.0	Poorly graded sand (SP)			DATE: 3/30/1994 TESTED BY: P. M. G





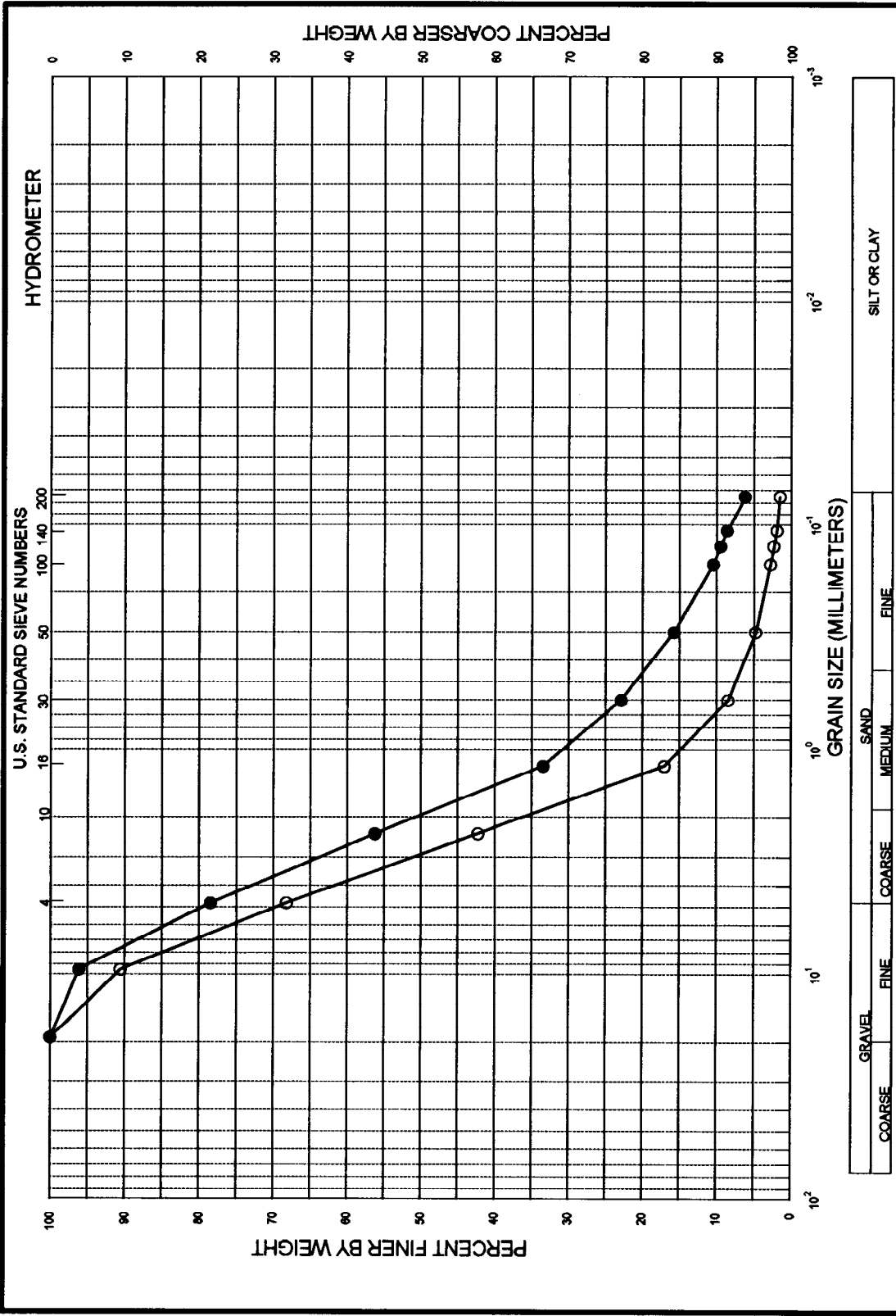


U.S. STANDARD SIEVE NUMBERS	GRAIN SIZE (MILLIMETERS)	PERCENT FINER BY WEIGHT	PERCENT COARSER BY WEIGHT
4.75	4.75	100	0
7.5	7.5	100	0
15	15	100	0
30	30	100	0
45	45	100	0
60	60	100	0
75	75	100	0
100	100	100	0
150	150	100	0
200	200	100	0
HYDROMETER			
0.075	0.075	100	0
0.15	0.15	100	0
0.3	0.3	100	0
0.6	0.6	100	0
1.2	1.2	100	0
2.5	2.5	100	0
5.0	5.0	100	0
10	10	100	0
20	20	100	0
40	40	100	0
60	60	100	0
80	80	100	0
100	100	100	0
150	150	100	0
200	200	100	0



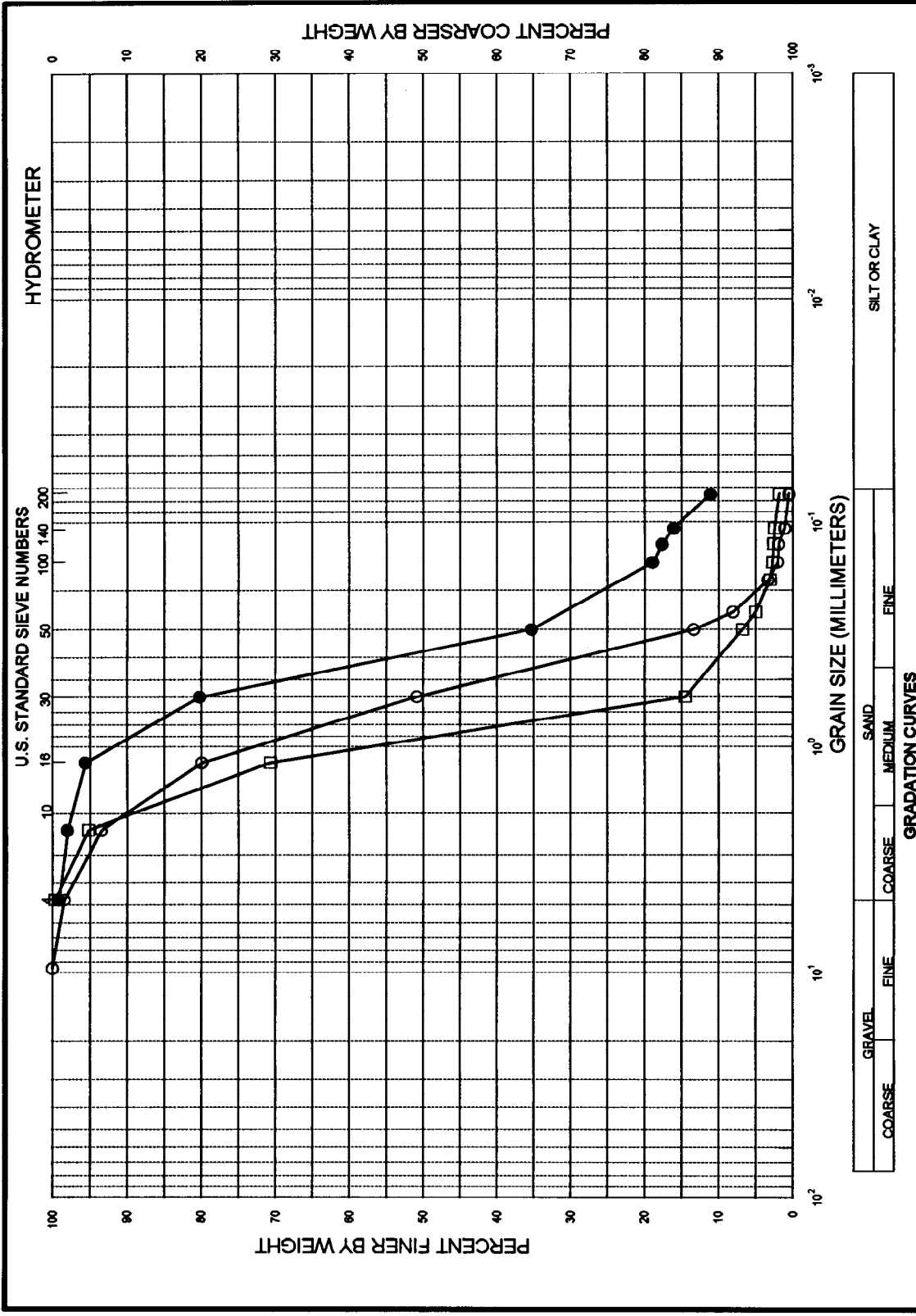
GRADATION CURVES		CLASSIFICATION		W%		PI	
SAMPLE No.	DEPTH (m)	Silty sand (SM)	Well-graded sand with gravel (SW)	Poofly graded sand (SP)	LL	PL	PI
● S10-5	25.0						
○ S11-2	30.0						
□ S11-3	30.0						

PROJECT: Moss Landing  
 BORING No.: UC - B3 (Harbor Office)  
 DATE: 2/12/1994 TESTED BY: P. M. G.



U.S. STANDARD SIEVE NUMBERS	HYDROMETER
PERCENT FINER BY WEIGHT	PERCENT COARSER BY WEIGHT
GRAVEL	SILT OR CLAY
COARSE	
FINE	
COARSE	
MEDIUM	
FINE	
DEPTH (ft)	PROJECT: Moss Landing
35.0	BORING No.: UC - B3 (Harbor Office)
35.0	DATE: 2/12/1994
	TESTED BY: P. M. G.





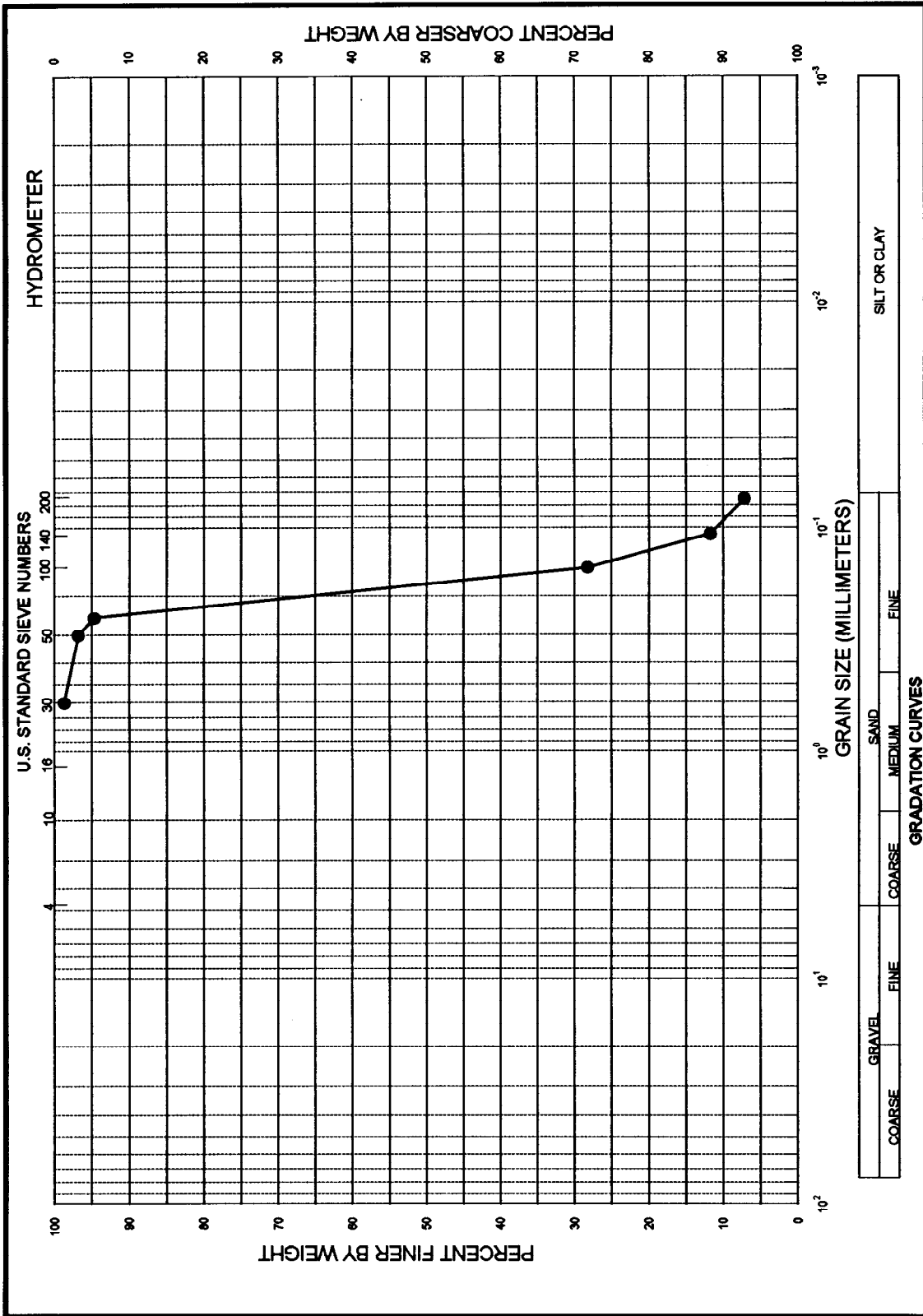
SAMPLE No.	DEPTH (ft)	CLASSIFICATION	W%	LL	PL	PI
● S2 - 3	5.0	Well-graded sand with silt (SW-SM)				
○ S4 - 1	10.0	Poorly graded sand (SP)				
□ S4 - 3	10.0	Poorly graded sand (SP)				

**PROJECT:** Moss Landing  
**BORING No.:** UC - B4 (Woodwards)  
**DATE:** 4/10/1984  
**TESTED BY:** P. M. G.

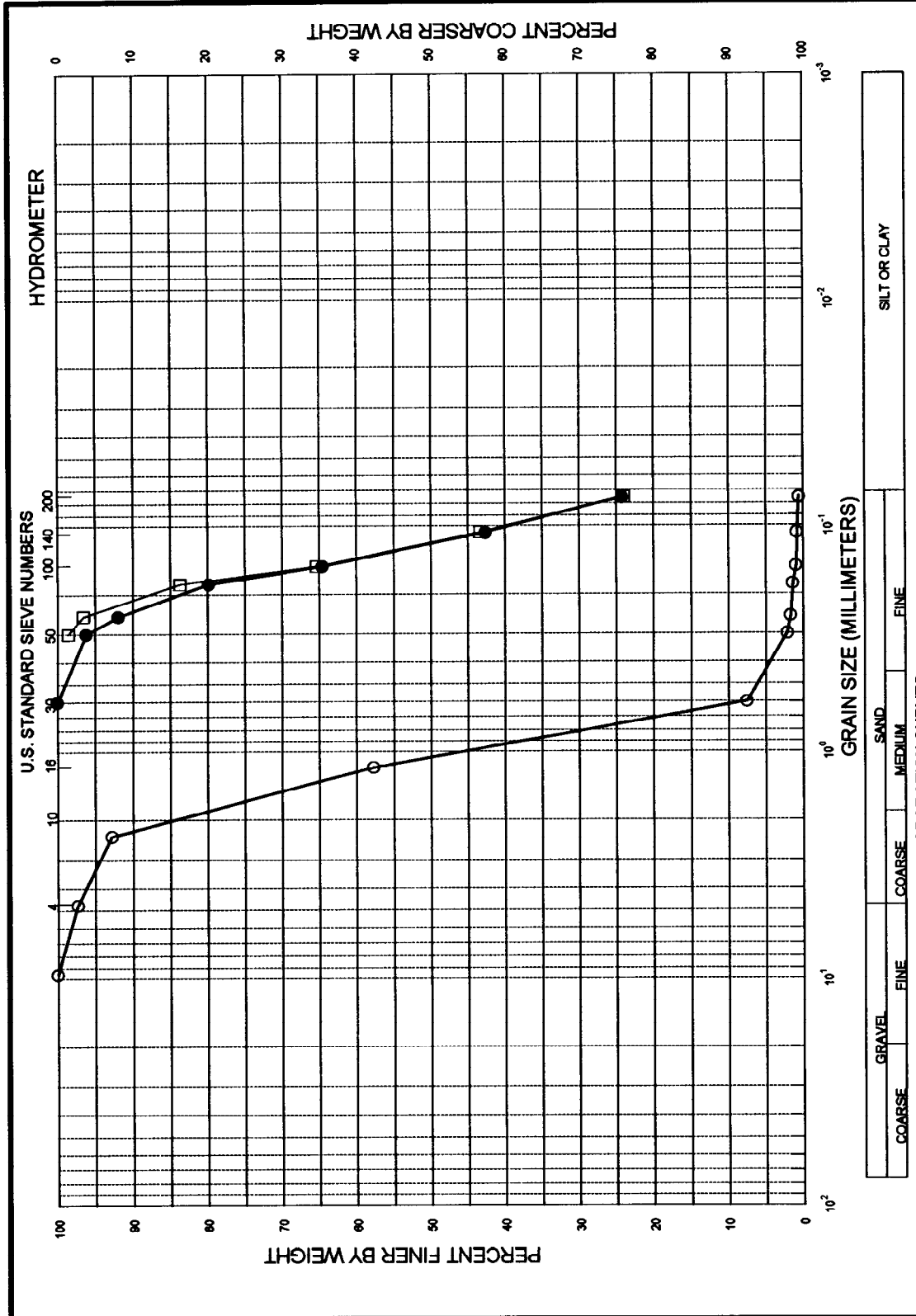








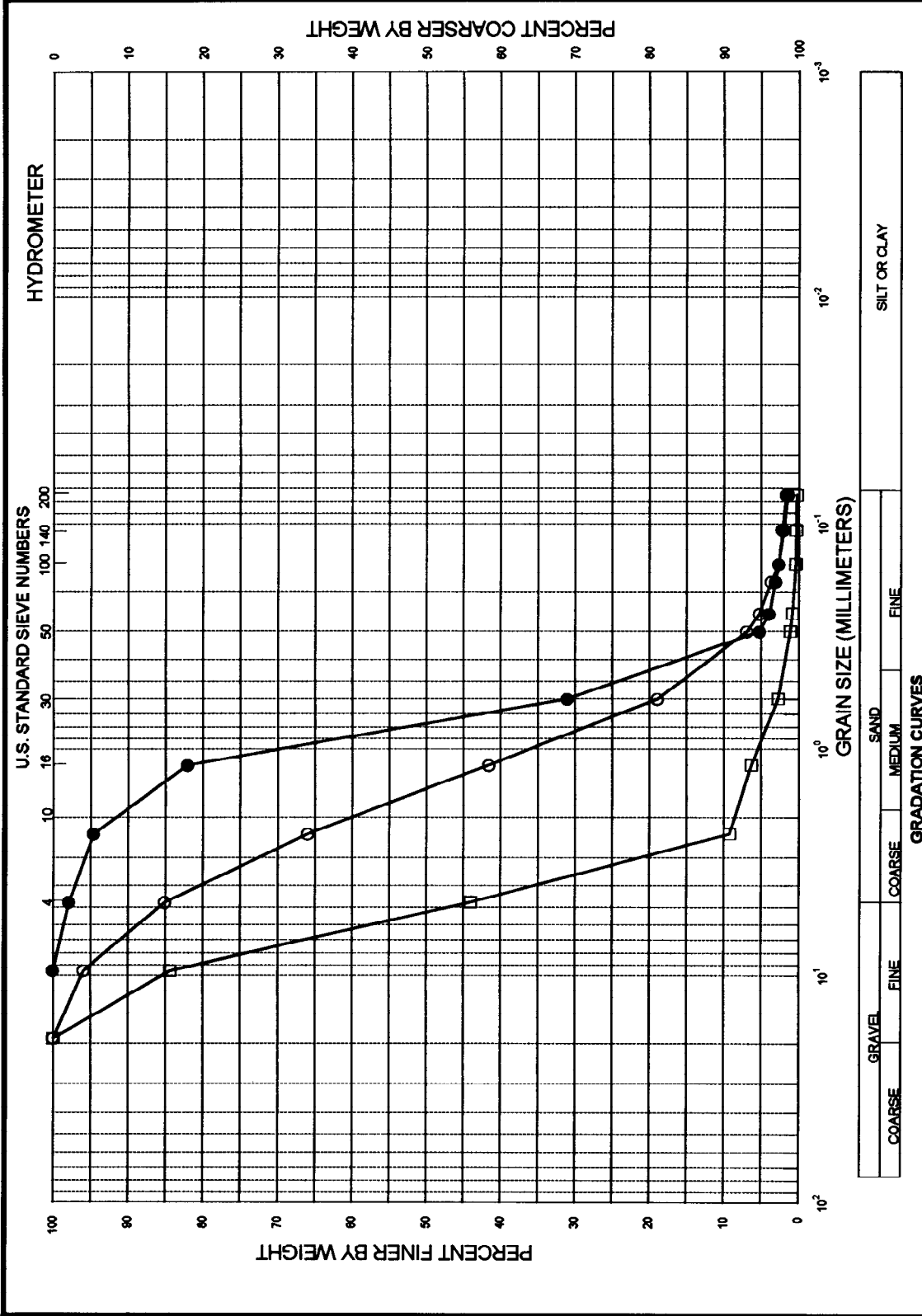
SAMPLE No.		DEPTH (m)	CLASSIFICATION	W <sub>p</sub>	LL	PL	PI
S6		22.5	Poorly graded sand with silt (SP-SM)				
PROJECT:		Moss Landing					
BORING No.:		UC - B5 (Harbor Office)					
DATE:		7/11/1994					
TESTED BY:		P. M. G.					

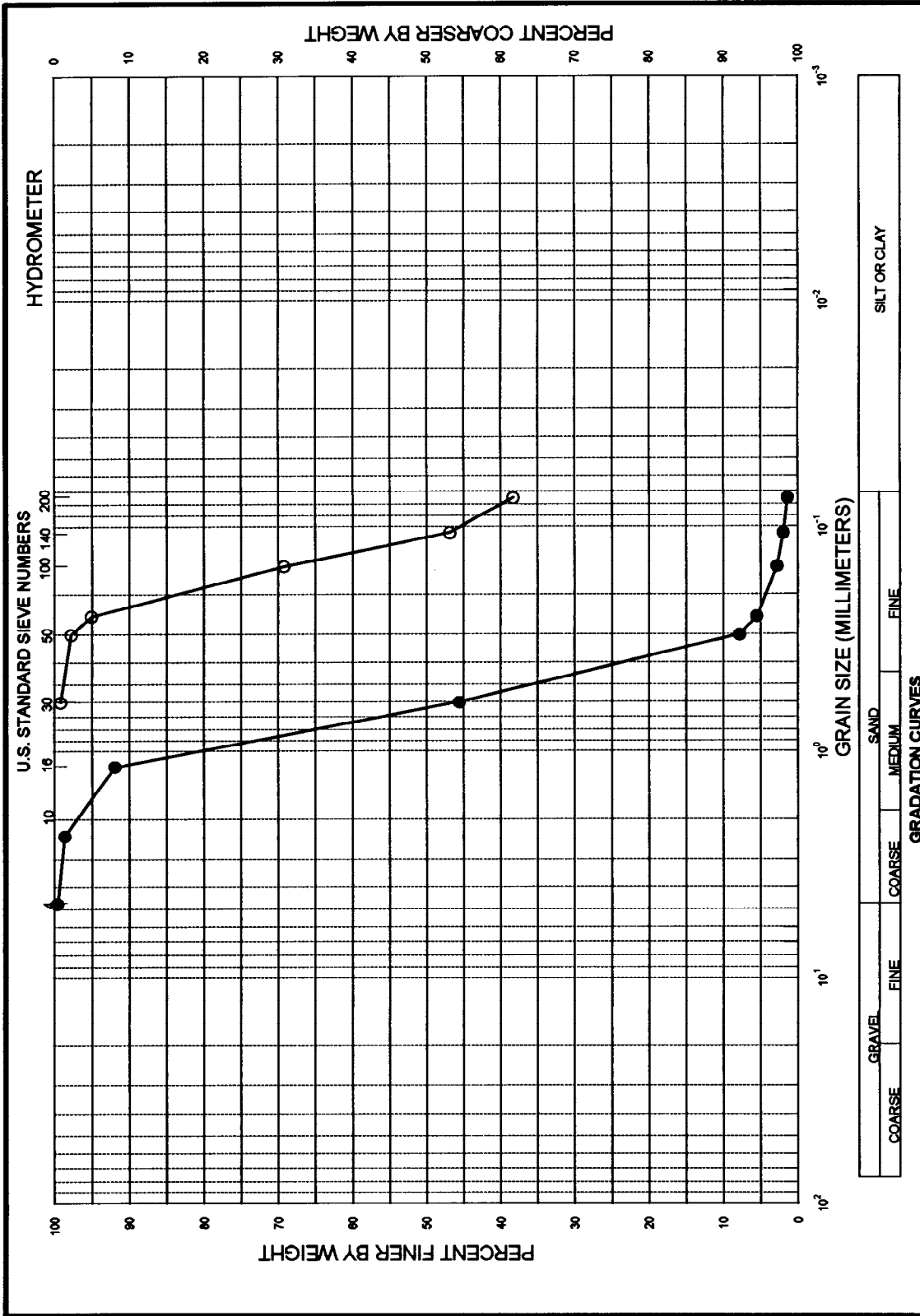


GRADATION CURVES		SILT OR CLAY			
GRAVEL	SAND				
COARSE	FINE	COARSE	MEDIUM	FINE	
CLASSIFICATION	CLASSIFICATION	W%	LL	PL	PI
DEPTH (m)	17.5				
S2	Poorly graded sand (SP)				
S5	Silty sand (SM)				
S6	Silty sand (SM)				

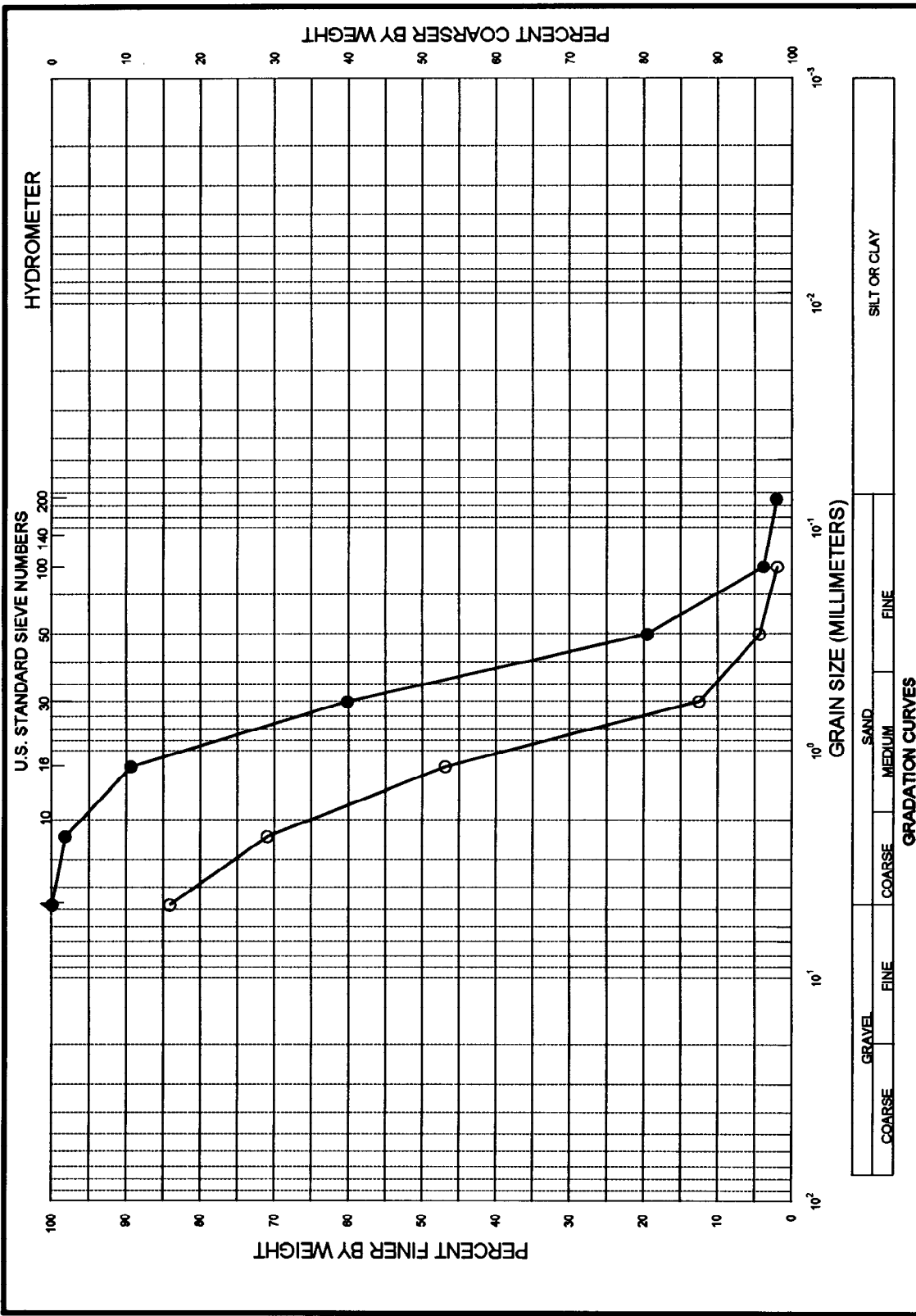
PROJECT: Moss Landing  
 BORING No.: UC - B7 (Parking Lot)  
 DATE: 7/11/1994 TESTED BY: P. M. G.





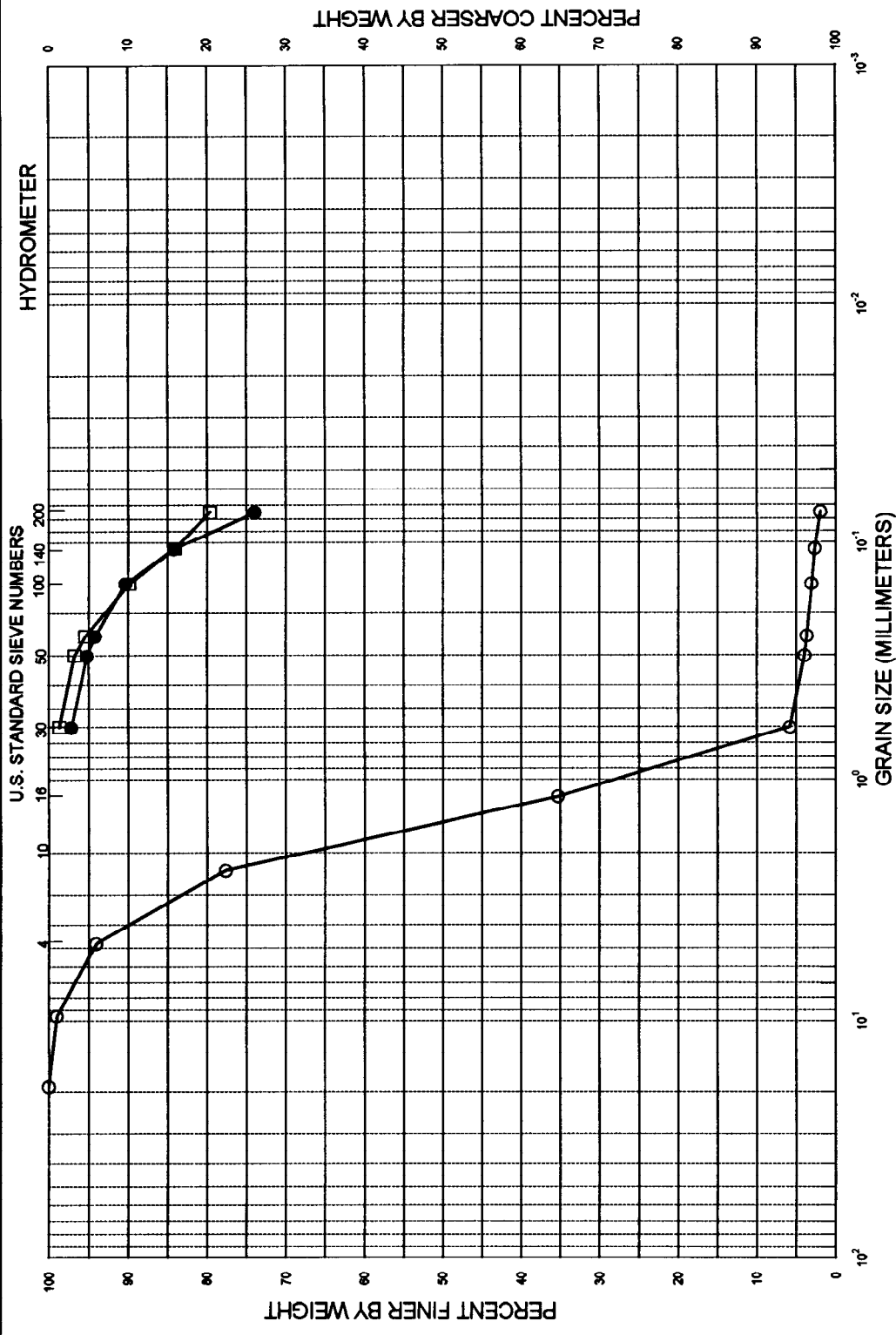
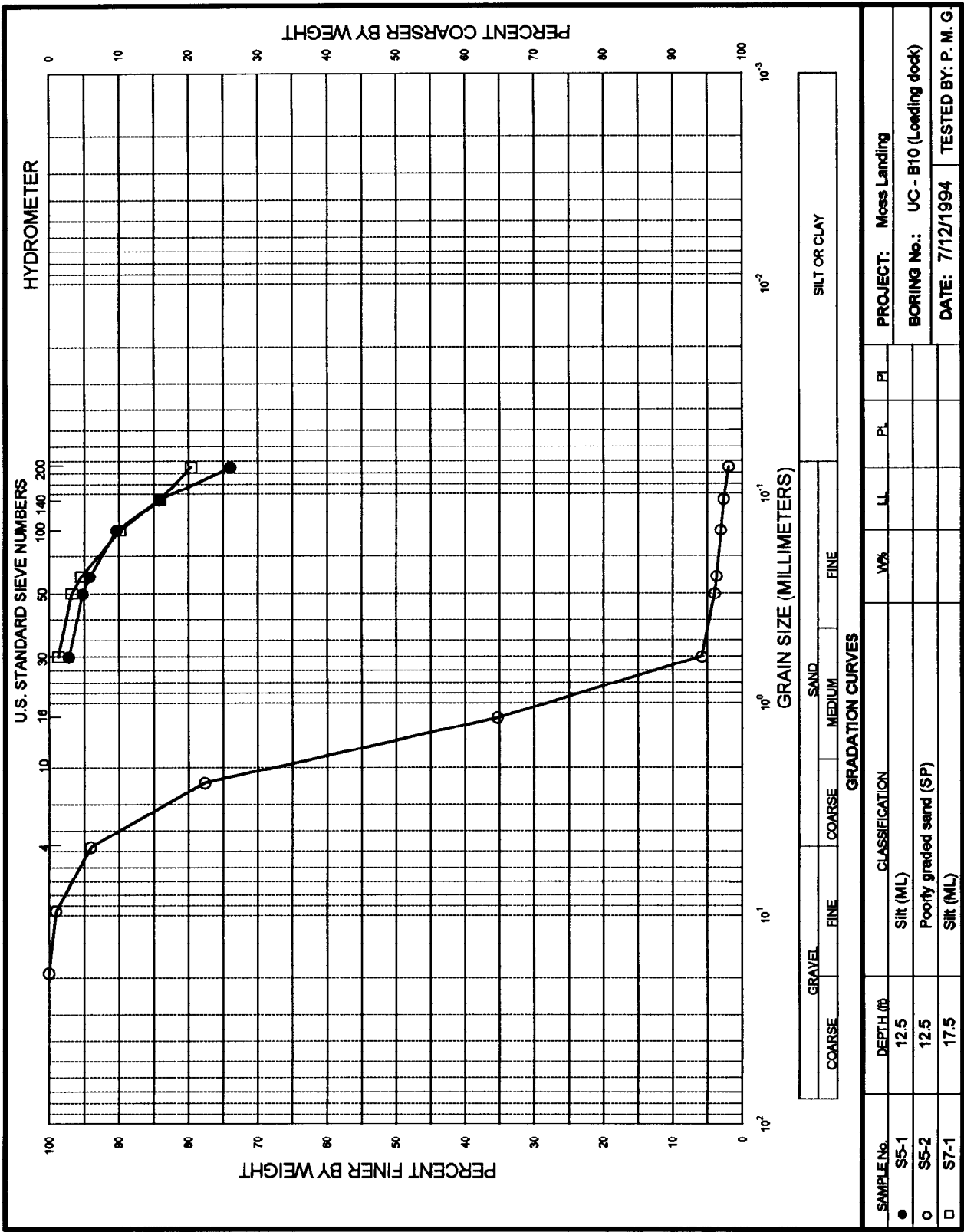


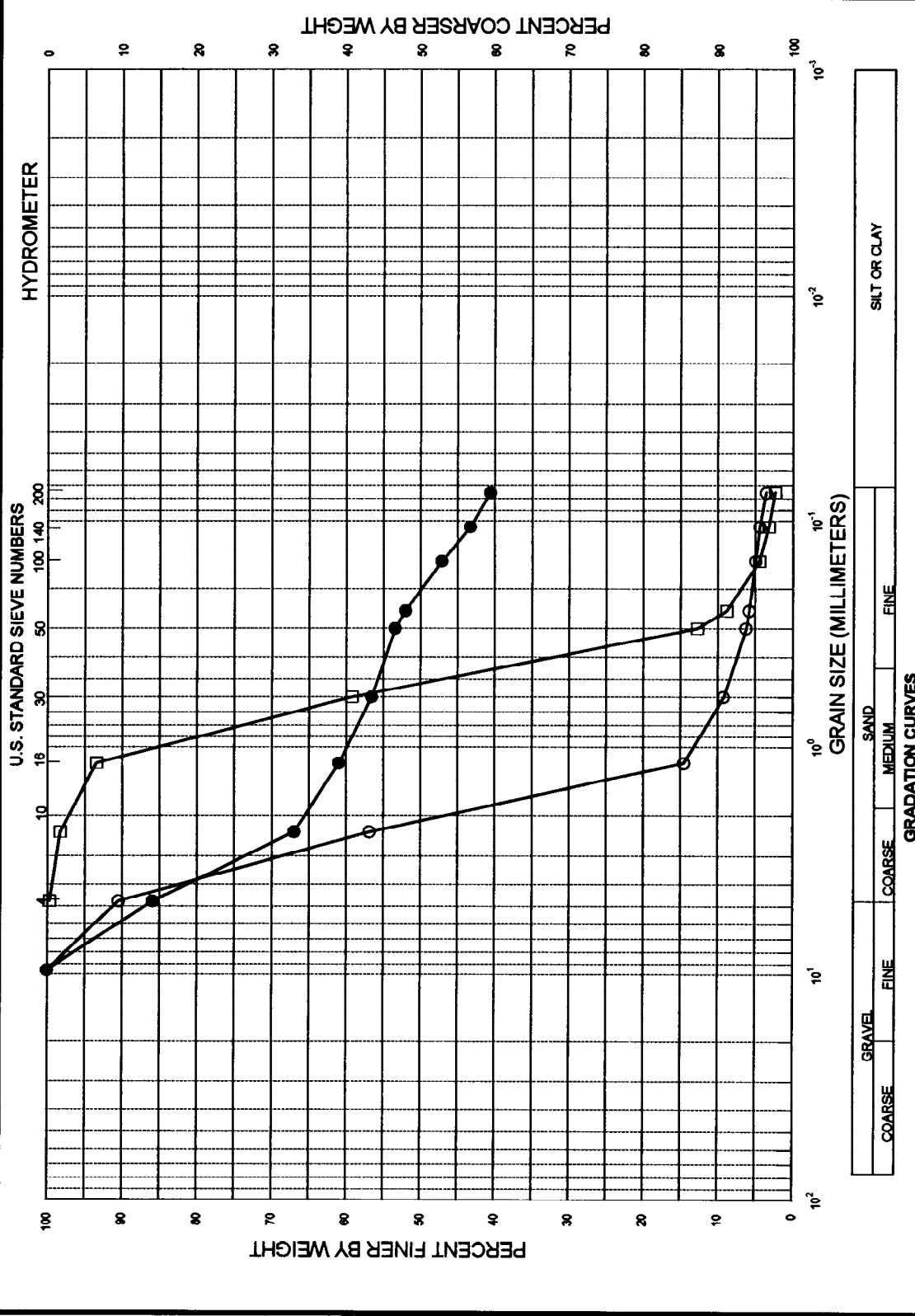
PROJECT:	Moss Landing
BORING No.:	UC - B9 (Parking Lot)
DATE:	7/12/1994
TESTED BY:	P. M. G.



SAMPLE No.	DEPTH (M)	CLASSIFICATION	GRADATION CURVES				PROJECT:
			W%	LL	PL	PI	
● S3-1	7.5	Sand (SP)					Moss Landing
○ S3-2	7.5	Sand with gravel (SP)					UC - B10 (Loading dock)
DATE: 7/12/1994							TESTED BY: M. M.



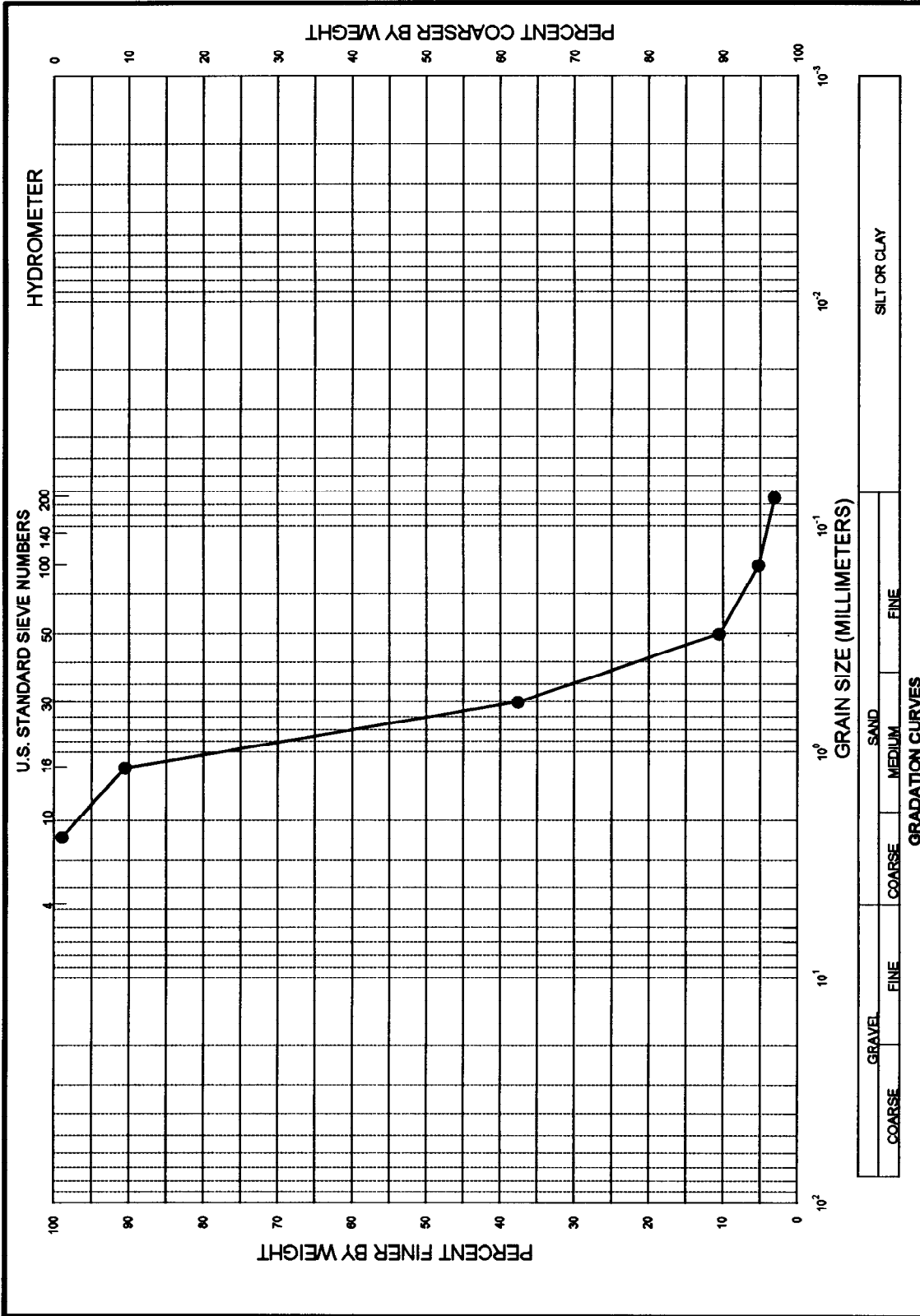




GRADATION CURVES		PROJECT: Moss Landing			
SAMPLE No.	DEPTH (ft)	CLASSIFICATION	W%	LL	PI
● S8-2	20.0	Silty sand (SM)			
○ S9-2	22.5	Poorly graded sand (SP)			
□ S11-1	27.5	Poorly graded sand (SP)			

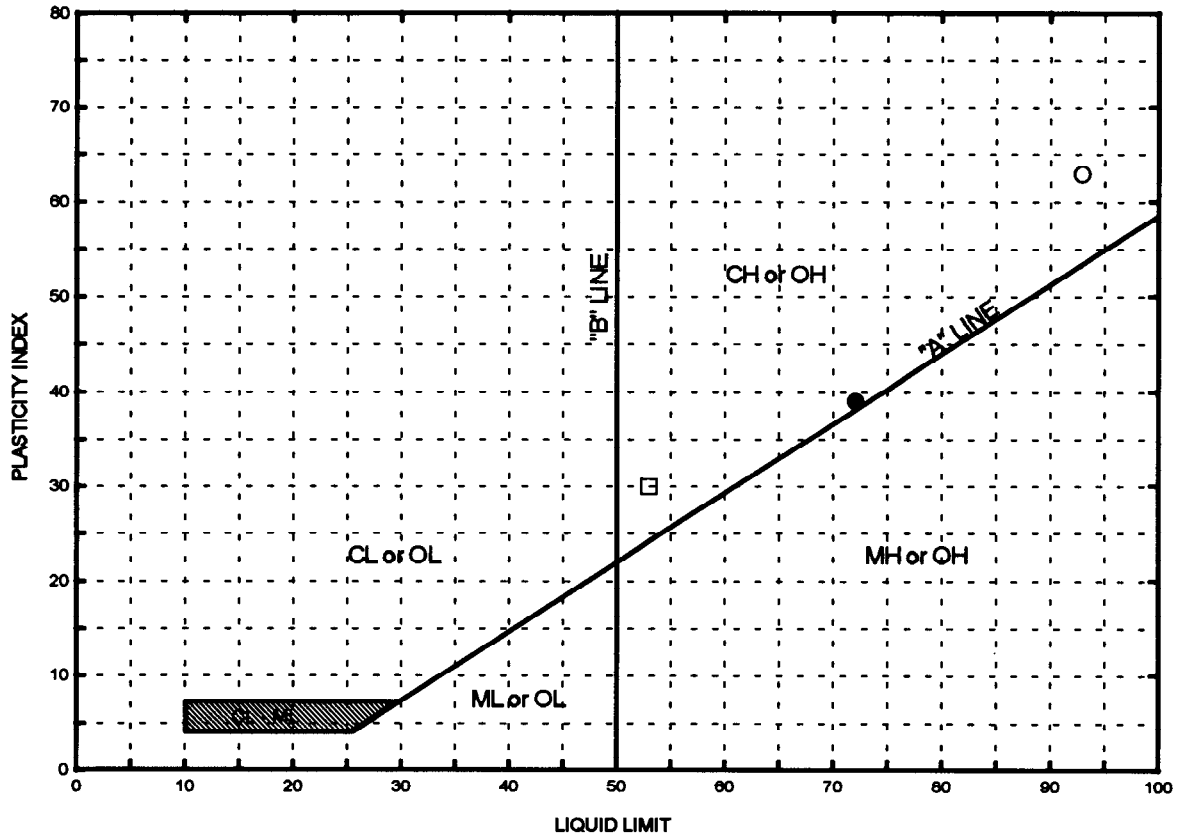
**BORING No.:** UC - B10 (Loading dock)

**DATE:** 7/12/1994 **TESTED BY:** P. M. G



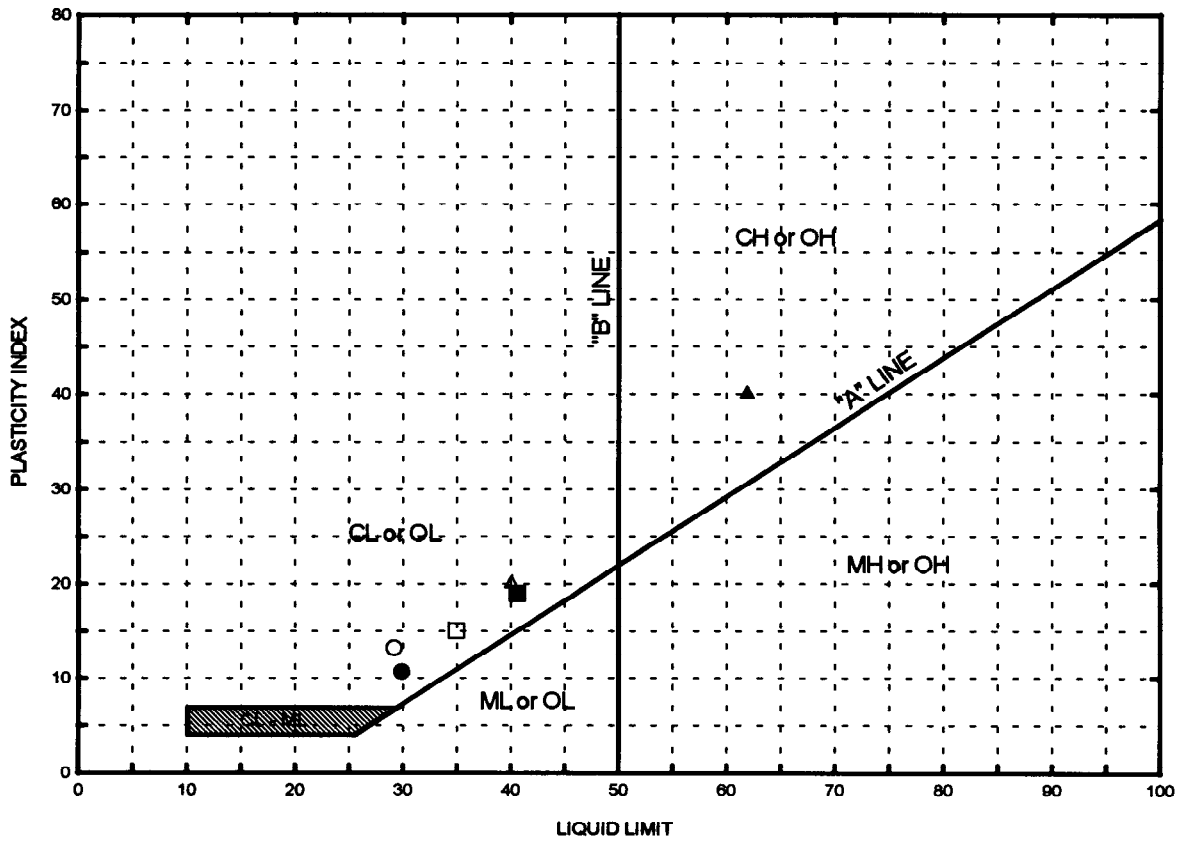
SAMPLE No. ● S12-1	DEPTH (m)	30.0	CLASSIFICATION	Poorly graded sand (SP)	W <sub>60</sub>	LL	PL	PI	PROJECT:	Moss Landing
									BORING No.:	UC - B10 (Loading dock)
									DATE:	7/12/1994
									TESTED BY:	P. M. G.





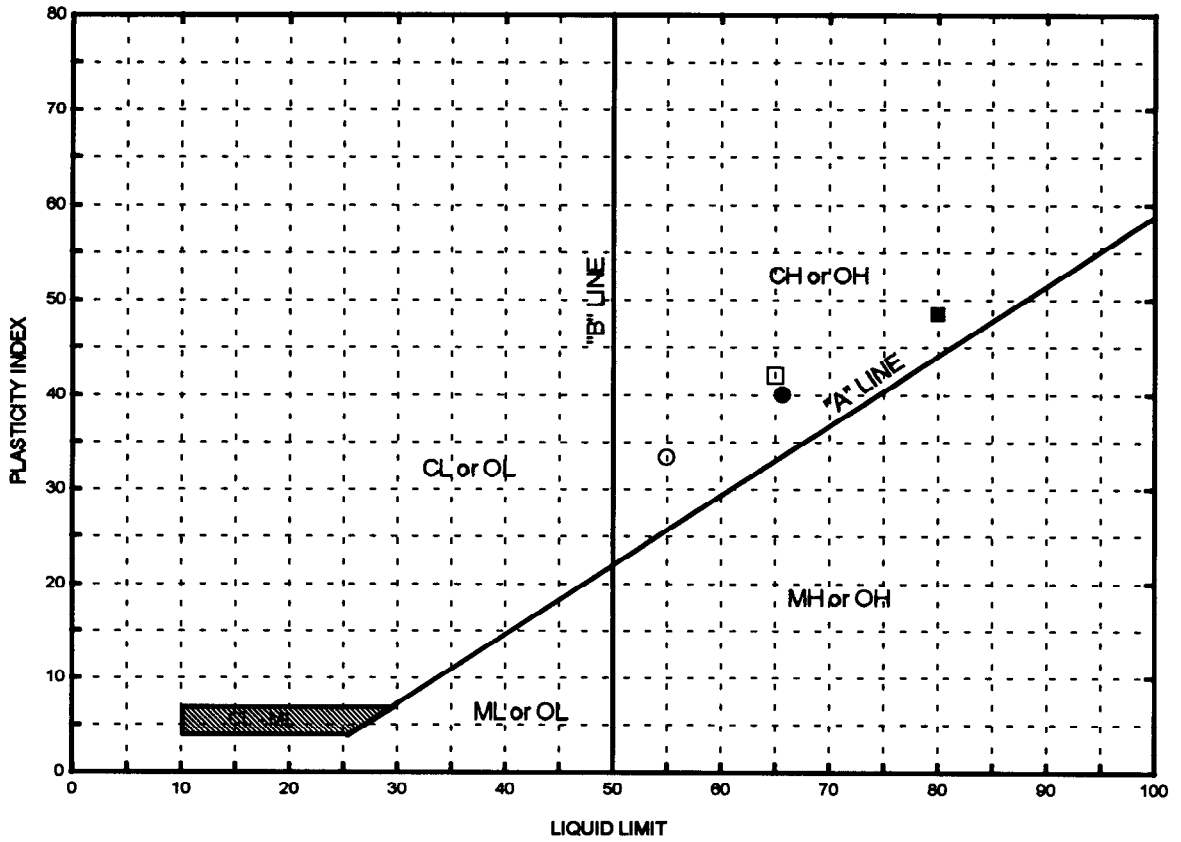
CLASSIFICATION TEST RESULTS										
SAMPLE IDENTIFICATION				ATTERBERG LIMITS			GRAIN SIZE - % DRY WEIGHT			
SYMBOL	BORING NO.	SAMPLE NO.	DEPTH, FT.	LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	SAND	SILT	CLAY	COLLOIDAL
□	UC - B1	S11	27.5	53	23	30				
○	UC - B1	S15	40.0	93	30	63				
●	UC - B1	S16	45.0	72	33	39				

PROJECT: Mose Landing	PLASTICITY CLASSIFICATION	FIGURE B-1
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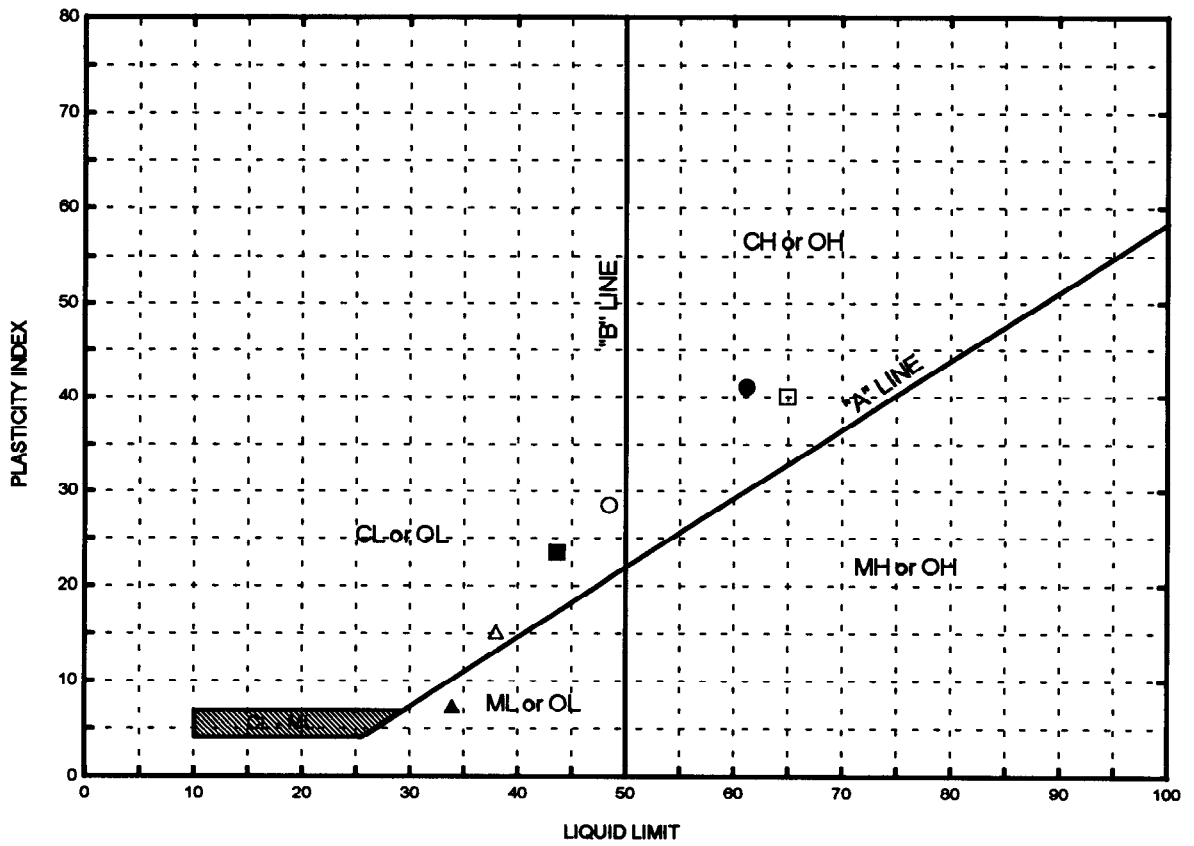
CLASSIFICATION TEST RESULTS										
SAMPLE IDENTIFICATION				ATTERBERG LIMITS			GRAIN SIZE - % DRY WEIGHT			
SYMBOL	BORING NO.	SAMPLE NO.	DEPTH, FT.	LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	SAND	SILT	CLAY	COLLOIDAL
○	UC - B3	S2	5.0	29	16	13				
●	UC - B3	S4	10.0	30	19	11				
■	UC - B3	S6 - 1	15.0	41	22	19				
□	UC - B3	S7	17.5	35	20	15				
△	UC - B3	S8	20.0	40	20	20				
▲	UC - B3	S13	40.0	62	22	40				

PROJECT: Moss Landing	PLASTICITY CLASSIFICATION	FIGURE B-2
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CLASSIFICATION TEST RESULTS										
SAMPLE IDENTIFICATION				ATTERBERG LIMITS			GRAIN SIZE - % DRY WEIGHT			
SYMBOL	BORING NO.	SAMPLE NO.	DEPTH, FT.	LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	SAND	SILT	CLAY	COLLOIDAL
□	UC - B4	S7 - 2	17.5	65	23	42				
○	UC - B4	S8 - 2	20.0	55	22	33				
●	UC - B4	S9	25.0	66	26	40				
■	UC - B4	S10 - 1	30.0	80	32	48				

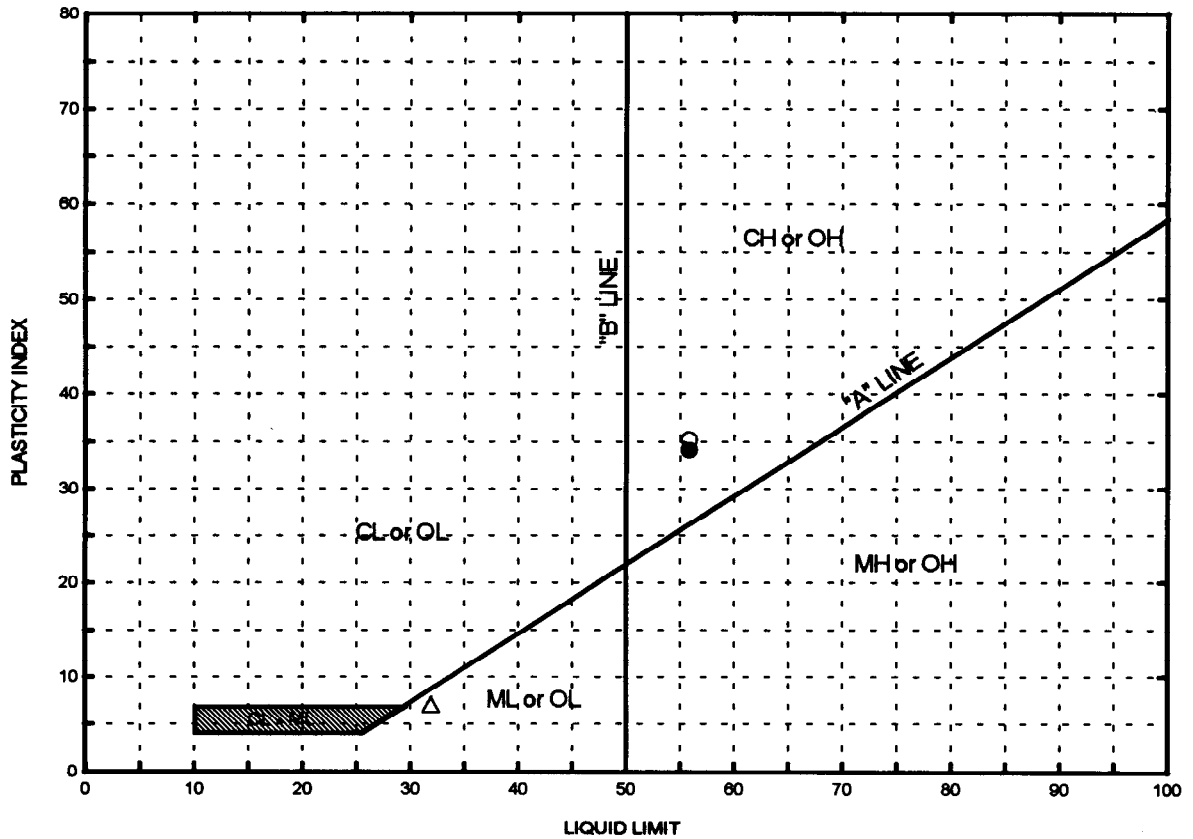
PROJECT: Moss Landing	PLASTICITY CLASSIFICATION	FIGURE B-3
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CLASSIFICATION TEST RESULTS										
SAMPLE IDENTIFICATION				ATTERBERG LIMITS			GRAIN SIZE - % DRY WEIGHT			
SYMBOL	BORING NO.	SAMPLE NO.	DEPTH, FT.	LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	SAND	SILT	CLAY	COLLOIDAL
○	UC - B5	S7	25.0	48	20	28				
●	UC - B5	S8	27.5	62	21	41				
■	UC - B5	S9	30.0	44	21	23				
□	UC - B5	S10	40.0	65	25	40				
△	UC - B5	O-2	11.5-12.2	38	23	15				
▲	UC - B5	O-2	12.2-12.7	34	27	7				

PROJECT: Moss Landing	PLASTICITY CLASSIFICATION	FIGURE B-4
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CLASSIFICATION TEST RESULTS										
SAMPLE IDENTIFICATION				ATTERBERG LIMITS			GRAIN SIZE - % DRY WEIGHT			
SYMBOL	BORING NO.	SAMPLE NO.	DEPTH, FT.	LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	SAND	SILT	CLAY	COLLOIDAL
○	UC - B9	S4	22.5	56	21	35				
●	UC-B10	S14	35.0	56	22	34				
△	UC-B10	S6-1	13.5	32	25	7				

PROJECT: Moss Landing	PLASTICITY CLASSIFICATION	FIGURE B-5
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