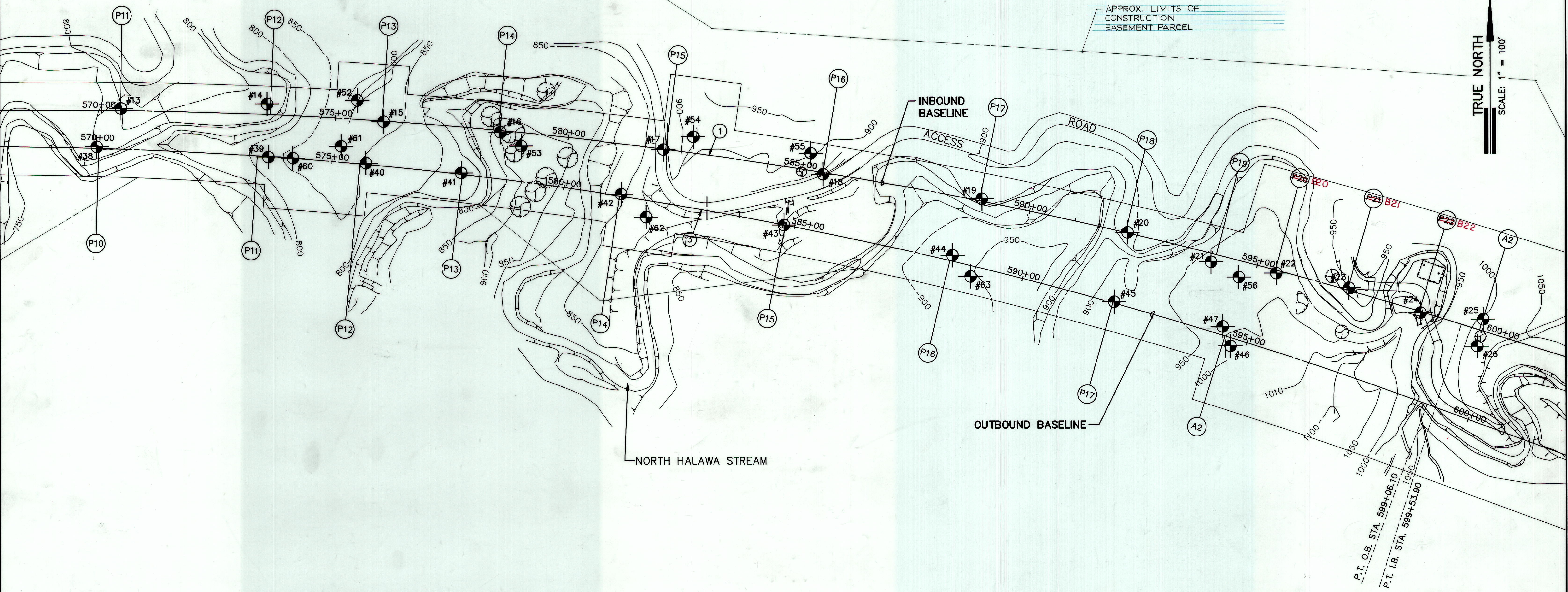


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(71)	1991	ADD. 17	818

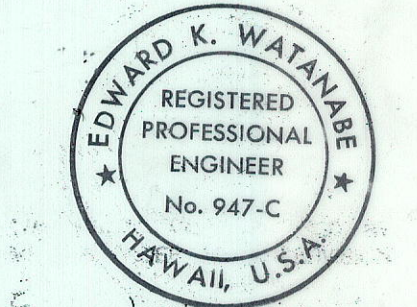


WORKSHEET: _____
 REVIEWED BY: _____
 REVIEWED BY: _____

PM: STY
 OPR: DHY *DAYA
 REVISED: 2/26/91

FILE: NTA0245
 SCALE: 1" = 100'
 BEG: 5/22/90

DATE	BY
DESIGNED BY	
NOTED BY	
CHECKED BY	

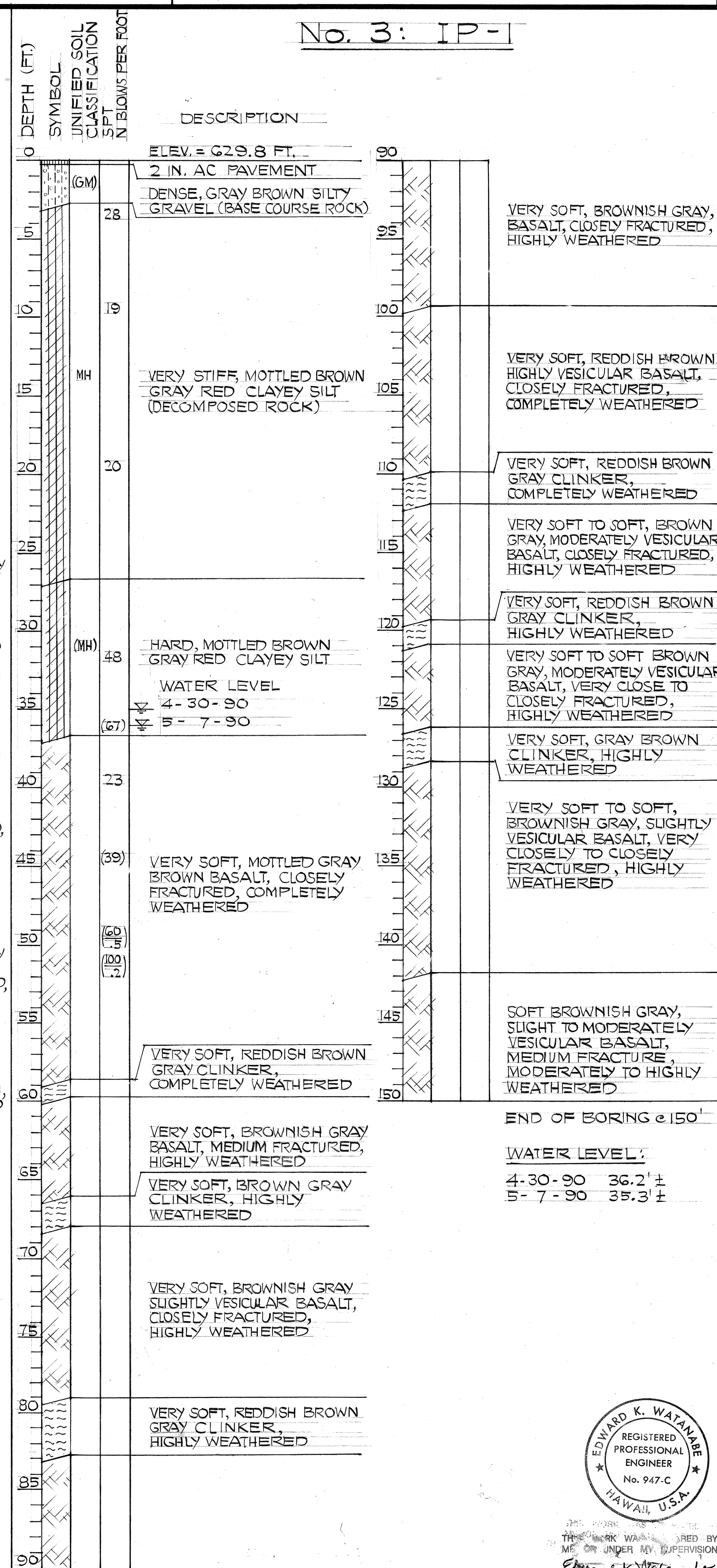
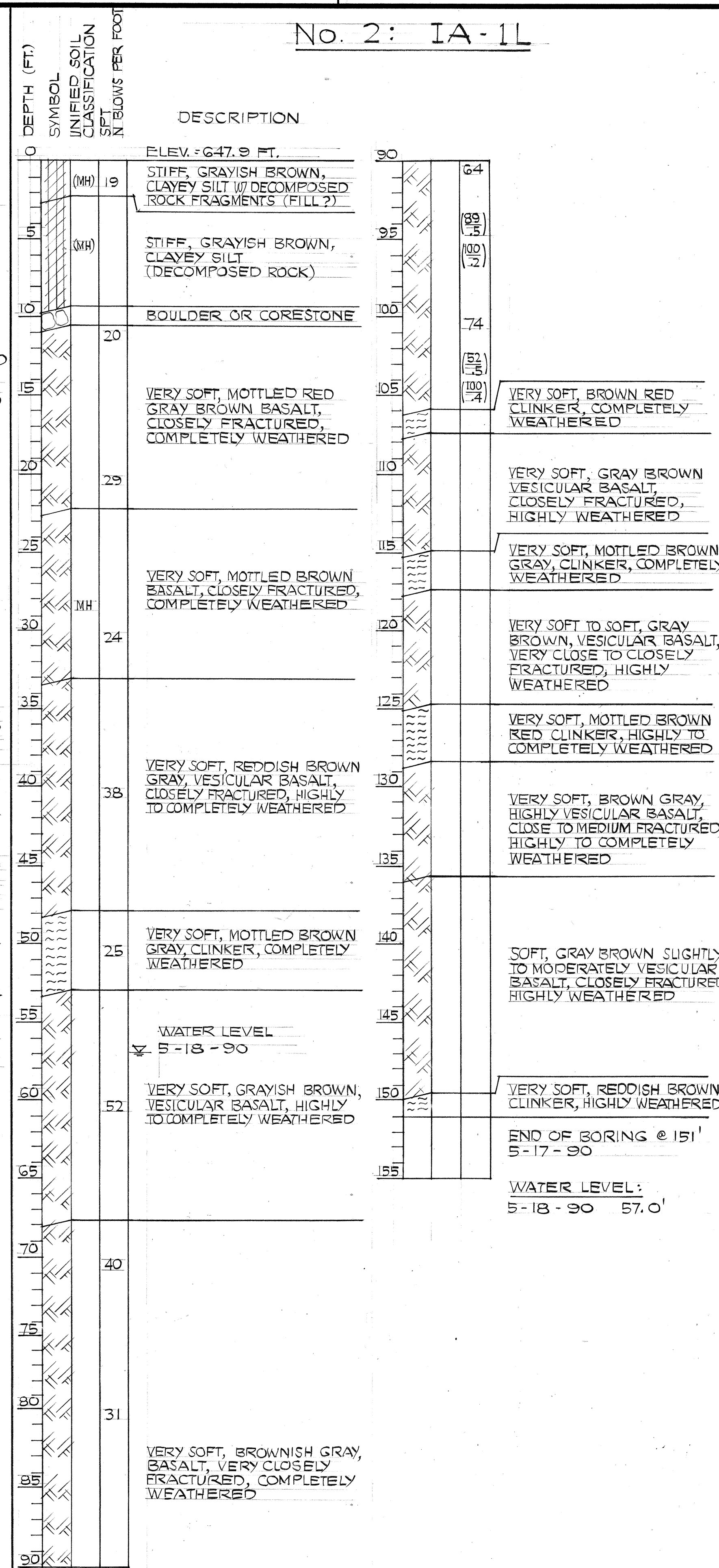


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 ME OR UNDER MY SUPERVISION
Edward K. Watanabe
 HAWAII GEOTECHNICAL GROUP, INC.

8/1/91	ADDED LIMITS OF CONSTRUCTION
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
BORING LOCATION PLAN	
INTERSTATE ROUTE H-3	
F.A.I. PROJ. NO. I - H3 - 1 (71)	
SCALE: 1" = 100'	DATE: APRIL 1991
SHEET NO. GT 2 OF 26 SHEETS	

AS-BUILT

ADD.17

18

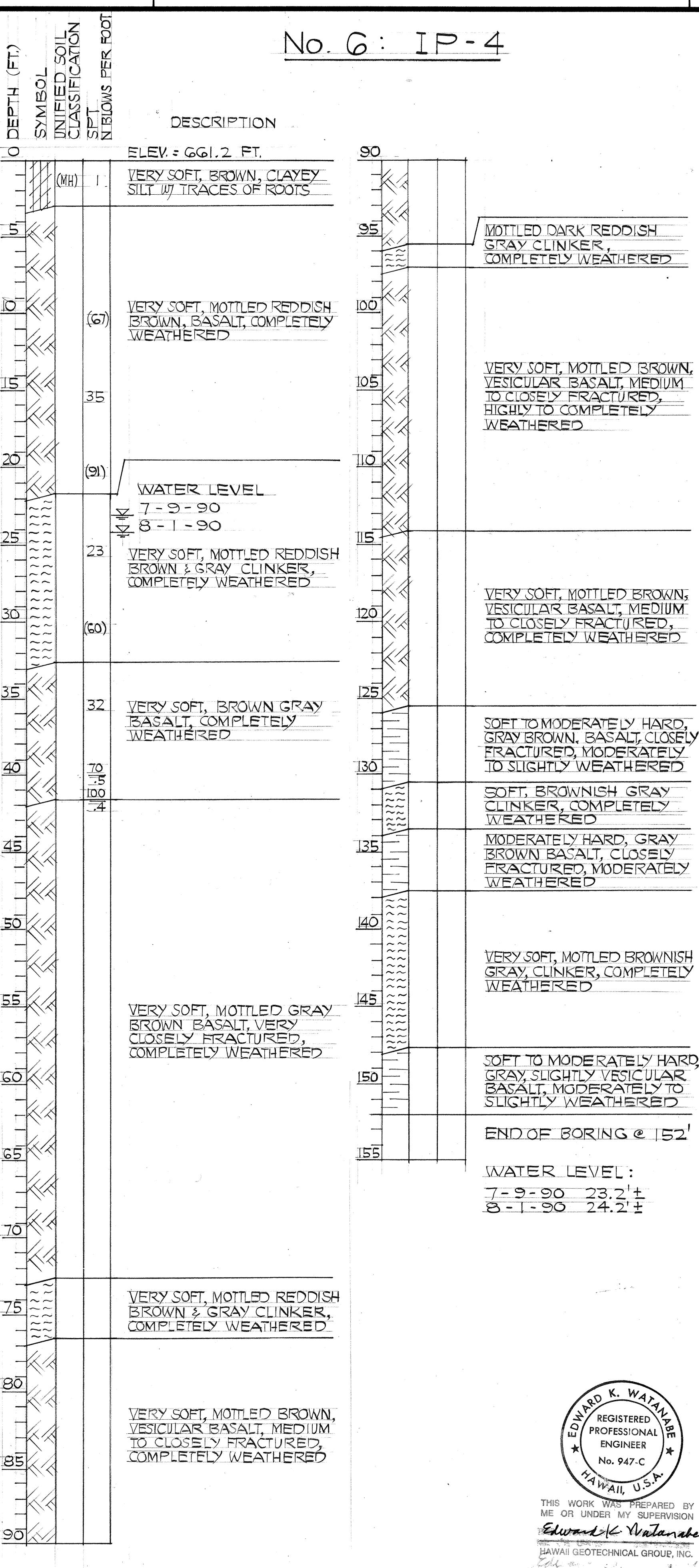
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS
NO. 4, 5, 6

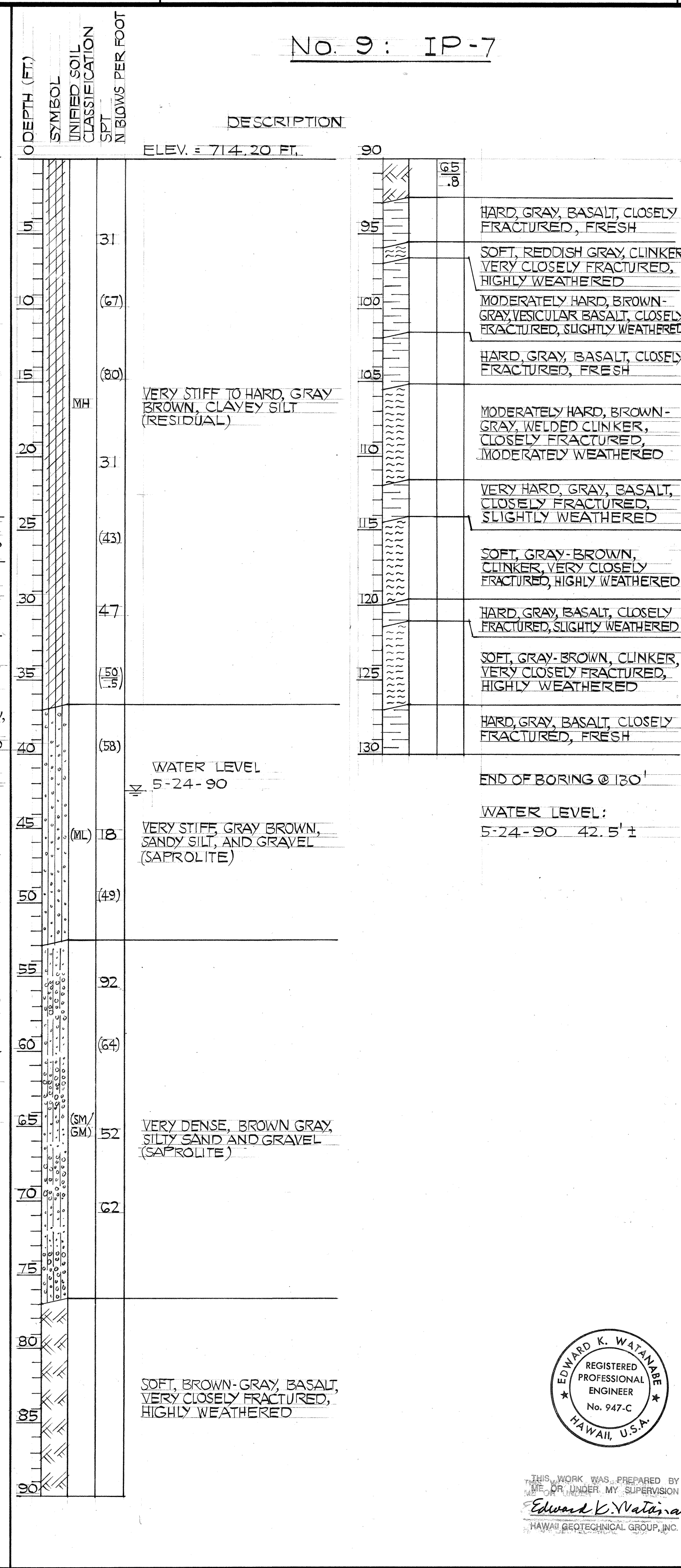
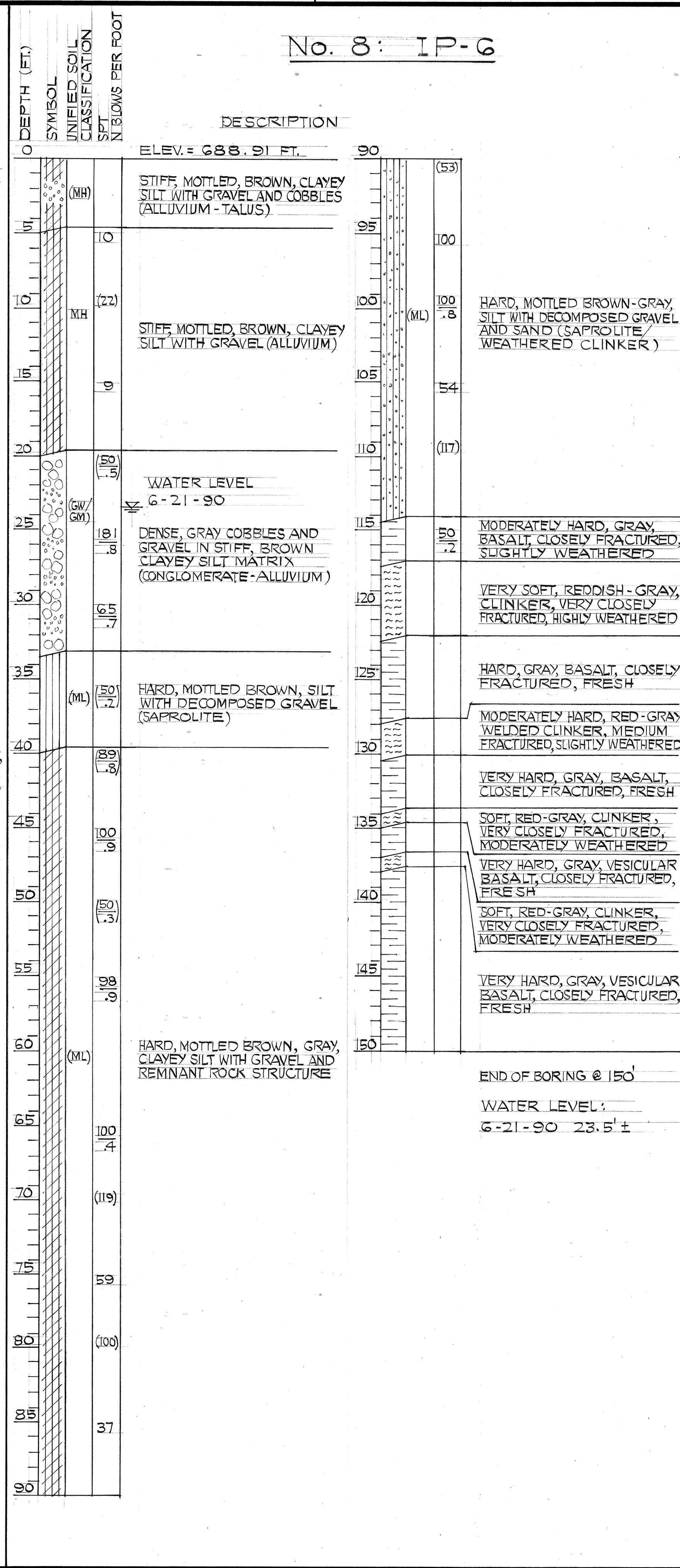
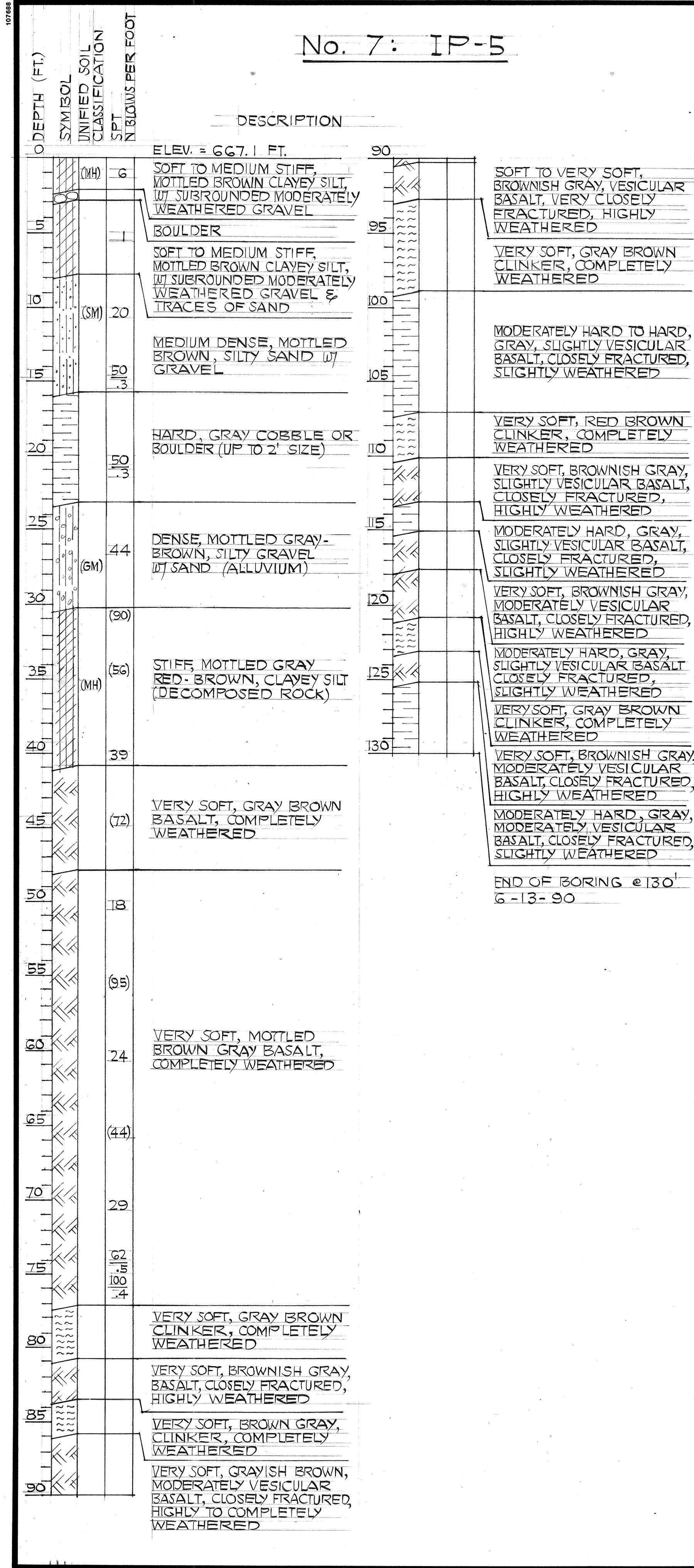
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F.A.I. PROJ. NO. I-H3-1 (71)

DATE: APRIL 1991

SHEET NO. 6T4 OF 26 SHEETS



ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I- H3 - I (71)	1991	20	618

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS

NO. 7, 8, 9

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I- H3-I (71)

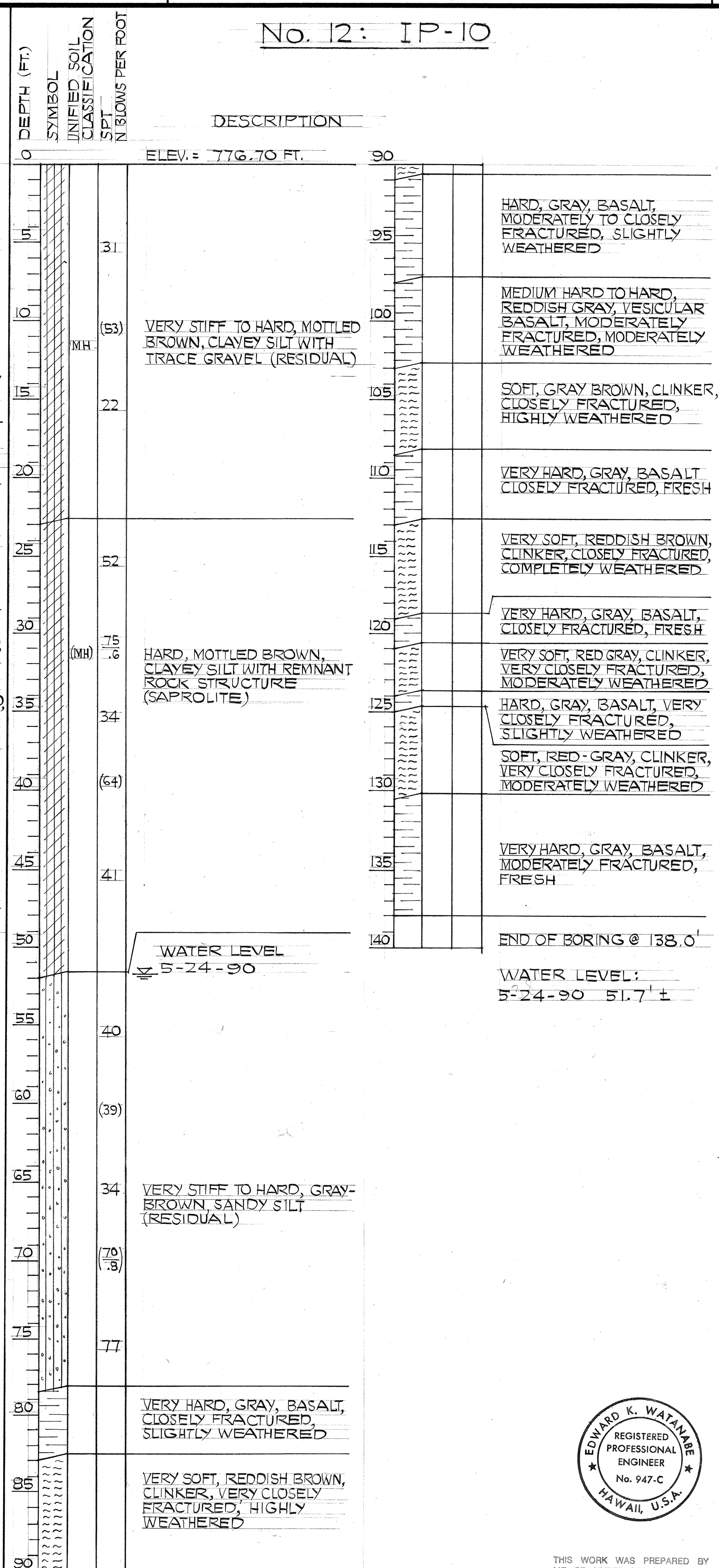
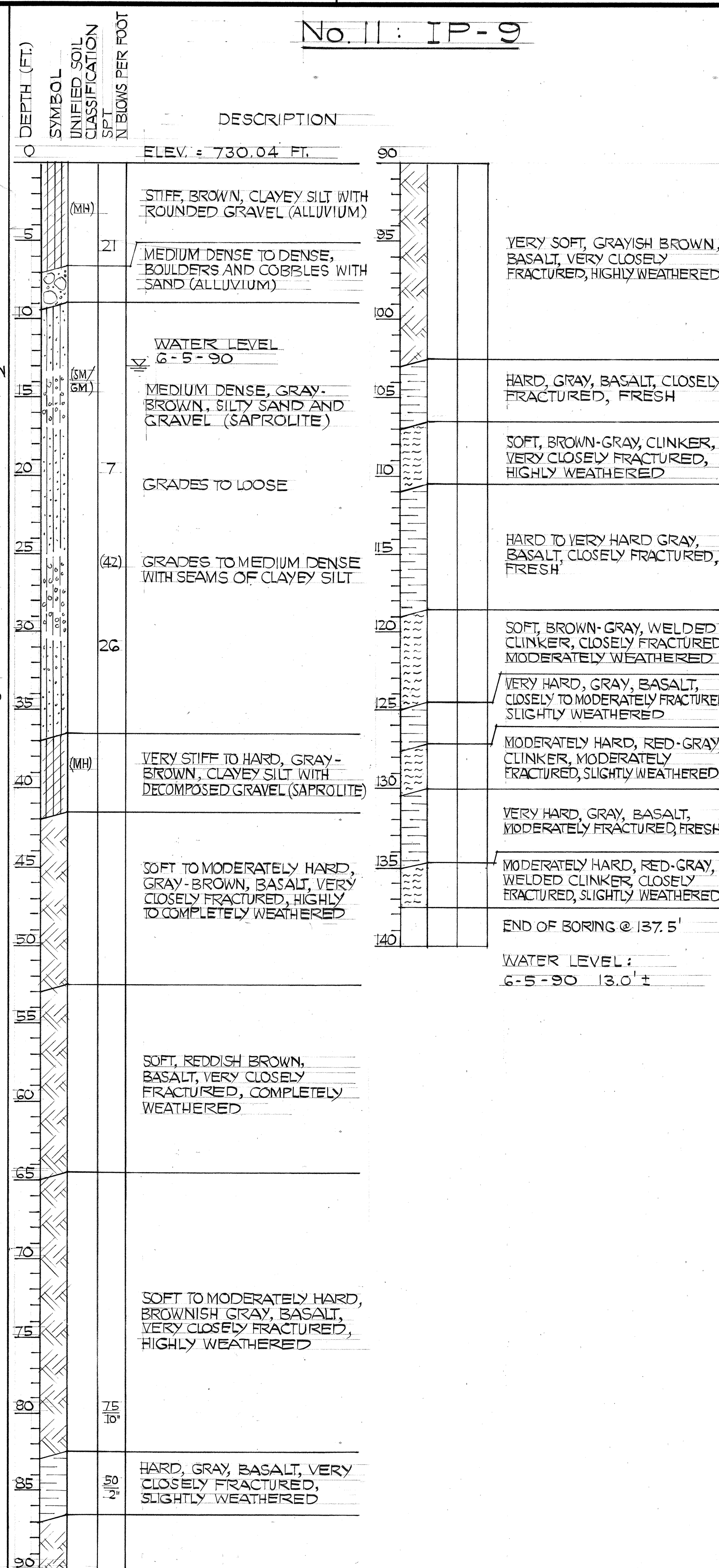
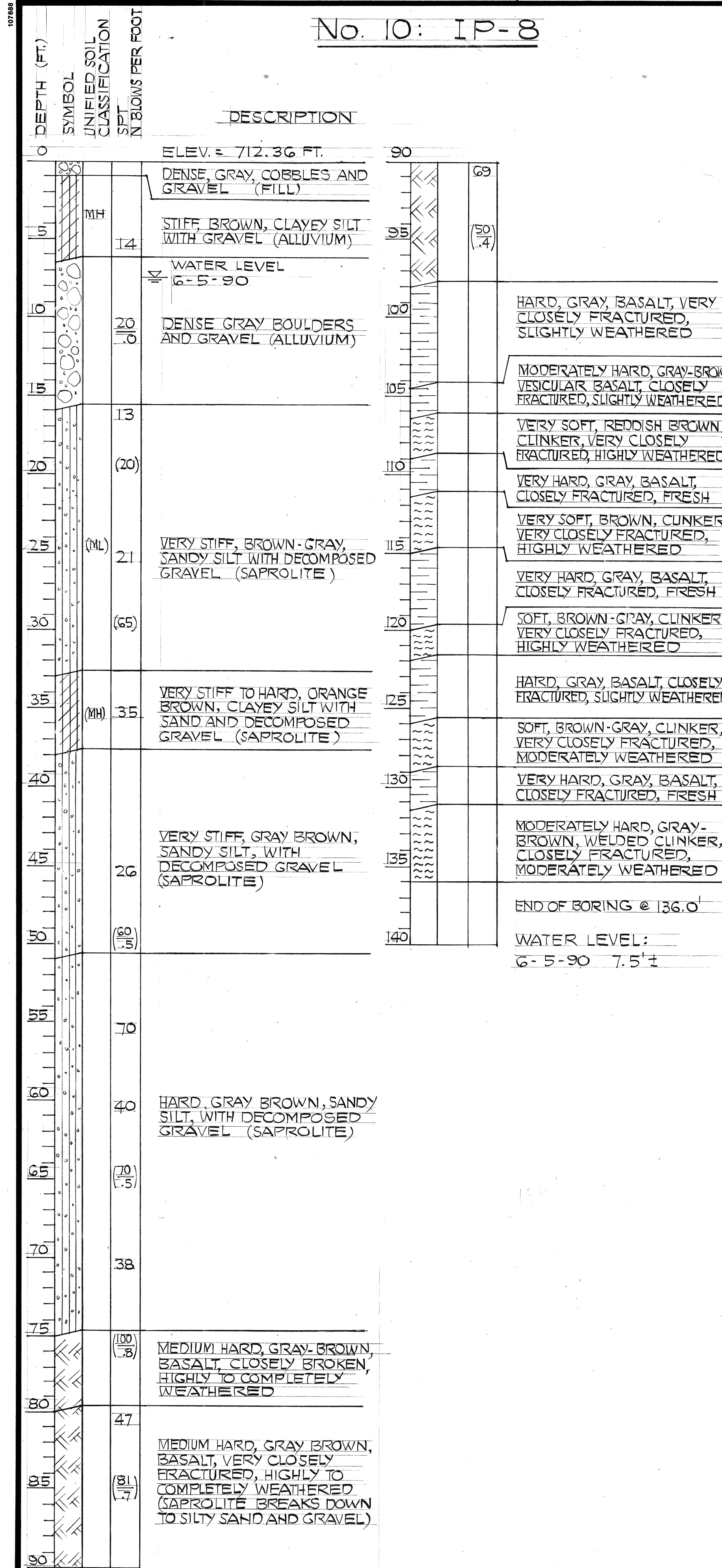
DATE: APRIL 1991

SHEET NO. 615 OF 26 SHEETS

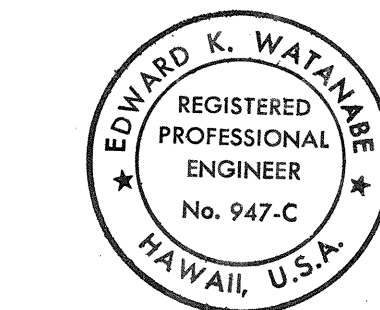
EDWARD K. WATANABE
REGISTERED PROFESSIONAL ENGINEER
No. 947-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME, OR UNDER MY SUPERVISION
Edward K. Watanabe
HAWAII GEOTECHNICAL GROUP, INC.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NO. _____	DRAWN BY	_____
	TRACED BY	_____
	QUANTITIES BY	_____
	CHECKED BY	_____



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I- H3 - I (71)	1991	21	618



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ME, OR UNDER MY SUPERVISION
Edward K. Watanabe
HAWAII GEOTECHNICAL GROUP, INC.
1401 KALANIKOPI DRIVE, SUITE 200, HONOLULU, HI 96813

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS

NO. 10, 11, 12

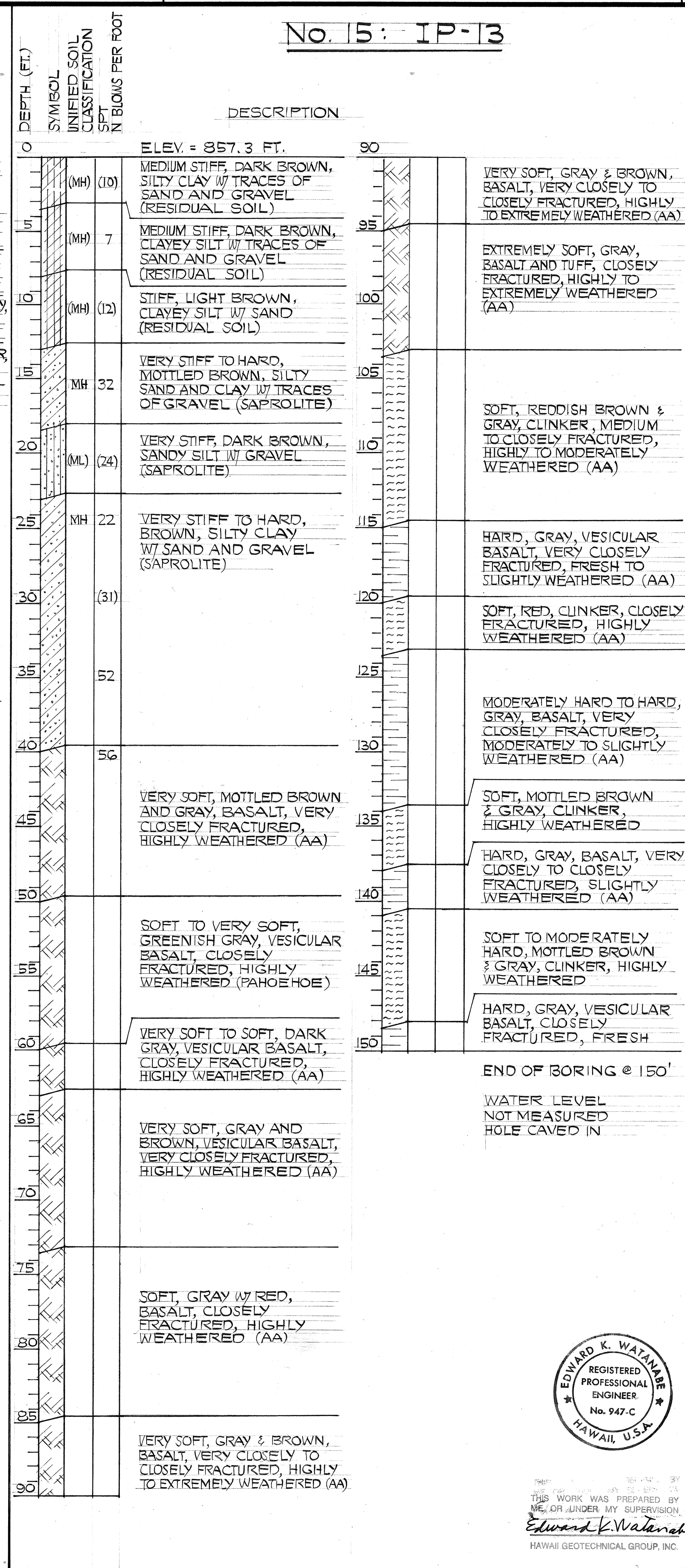
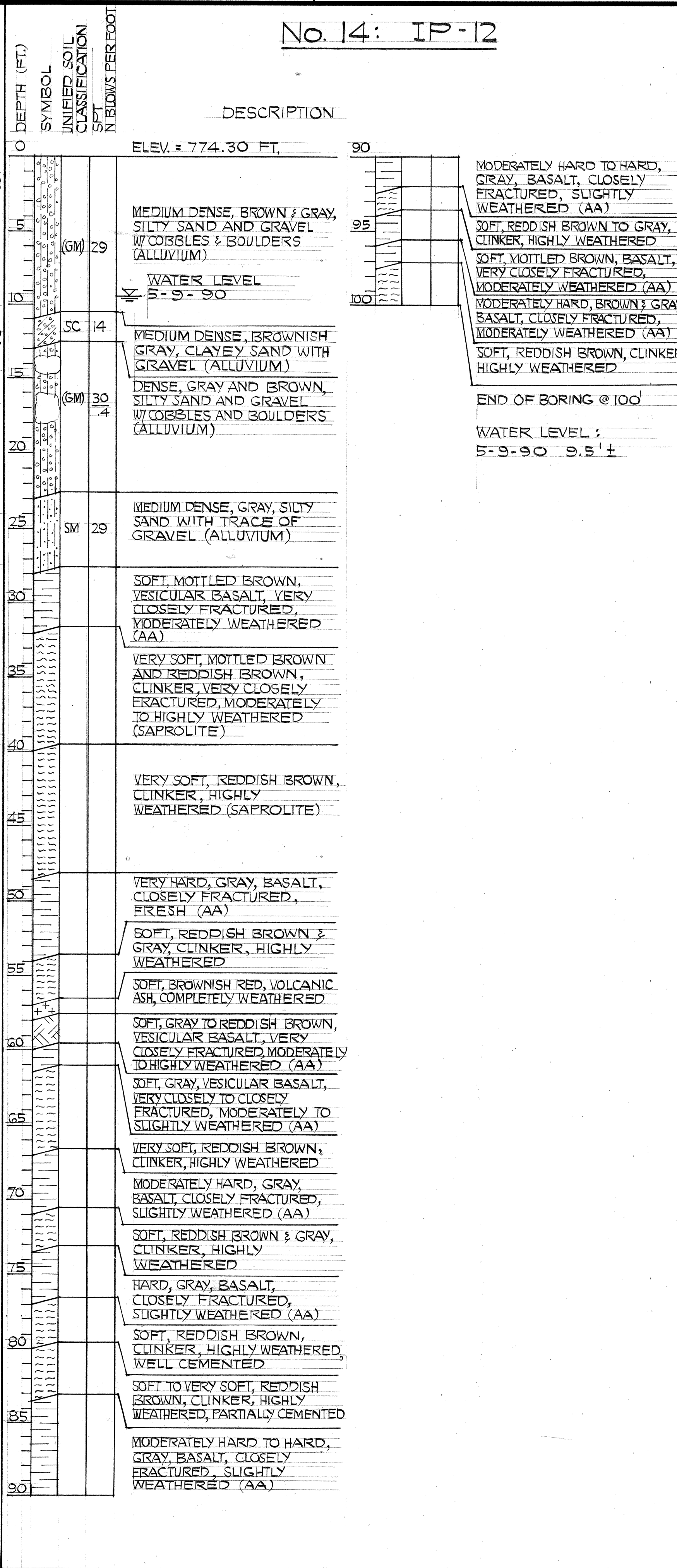
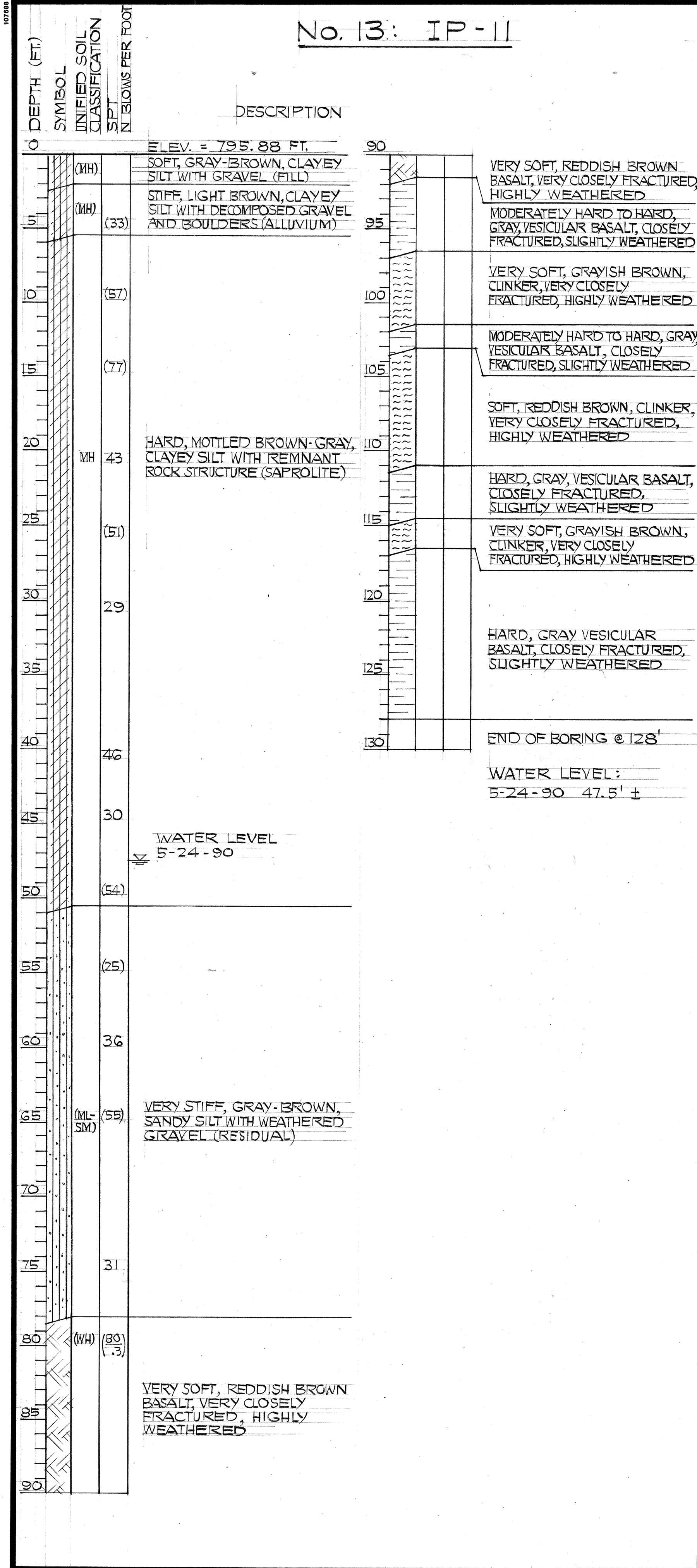
INTERSTATE ROUTE H-3

F.A.I. PROJ. NO. I-H3-I (71)

DATE: APRIL 1991

SHEET NO. 618 OF 618 SHEETS

ORIGINAL PLAN	DATE
NO.	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1 - H 3 - 1 (71)	1991	22	618

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

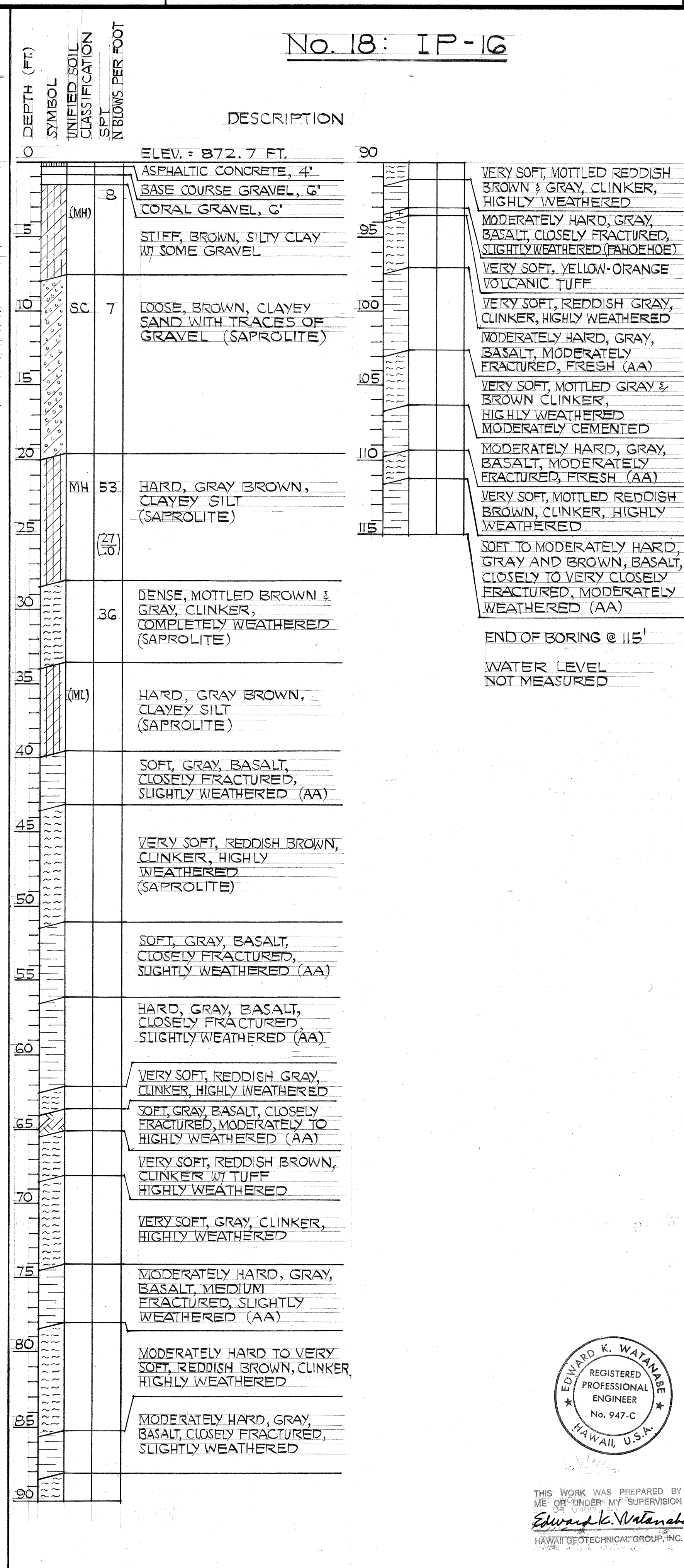
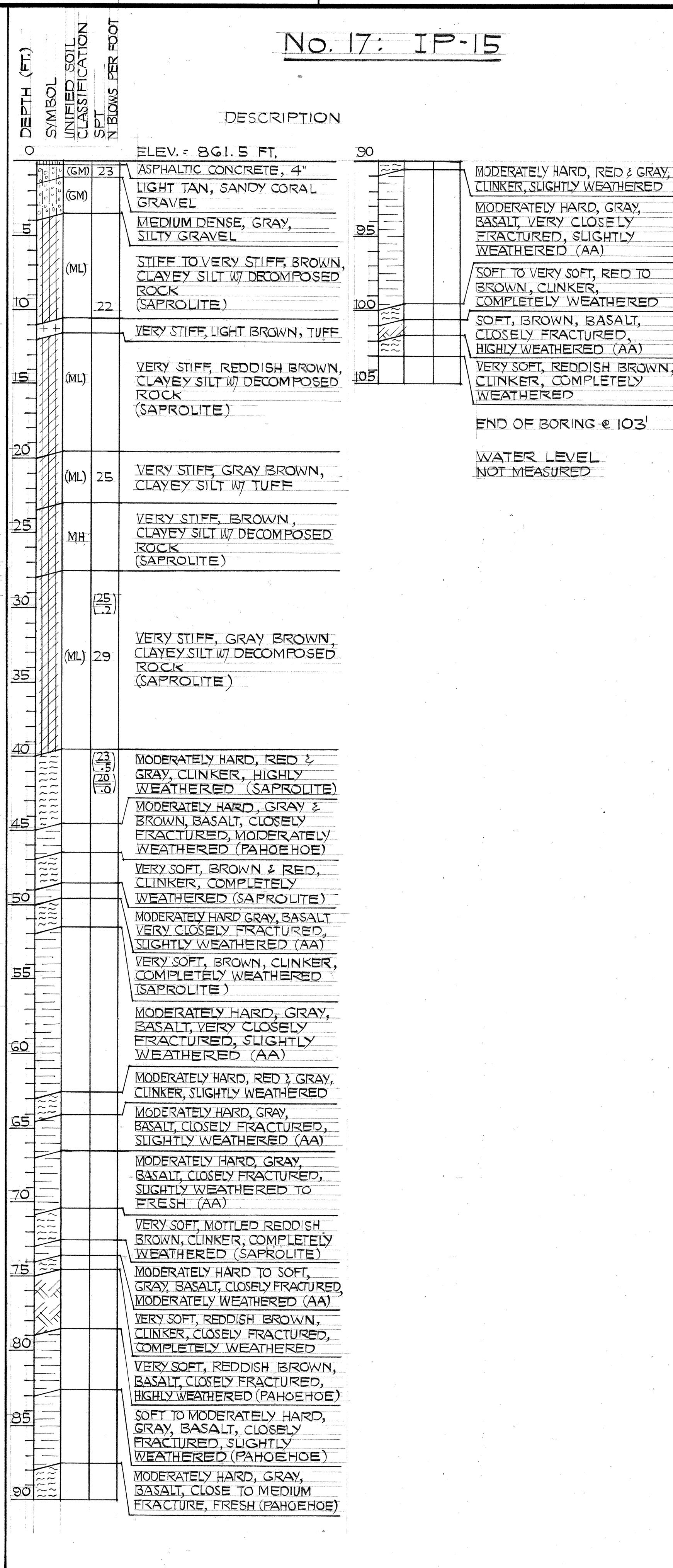
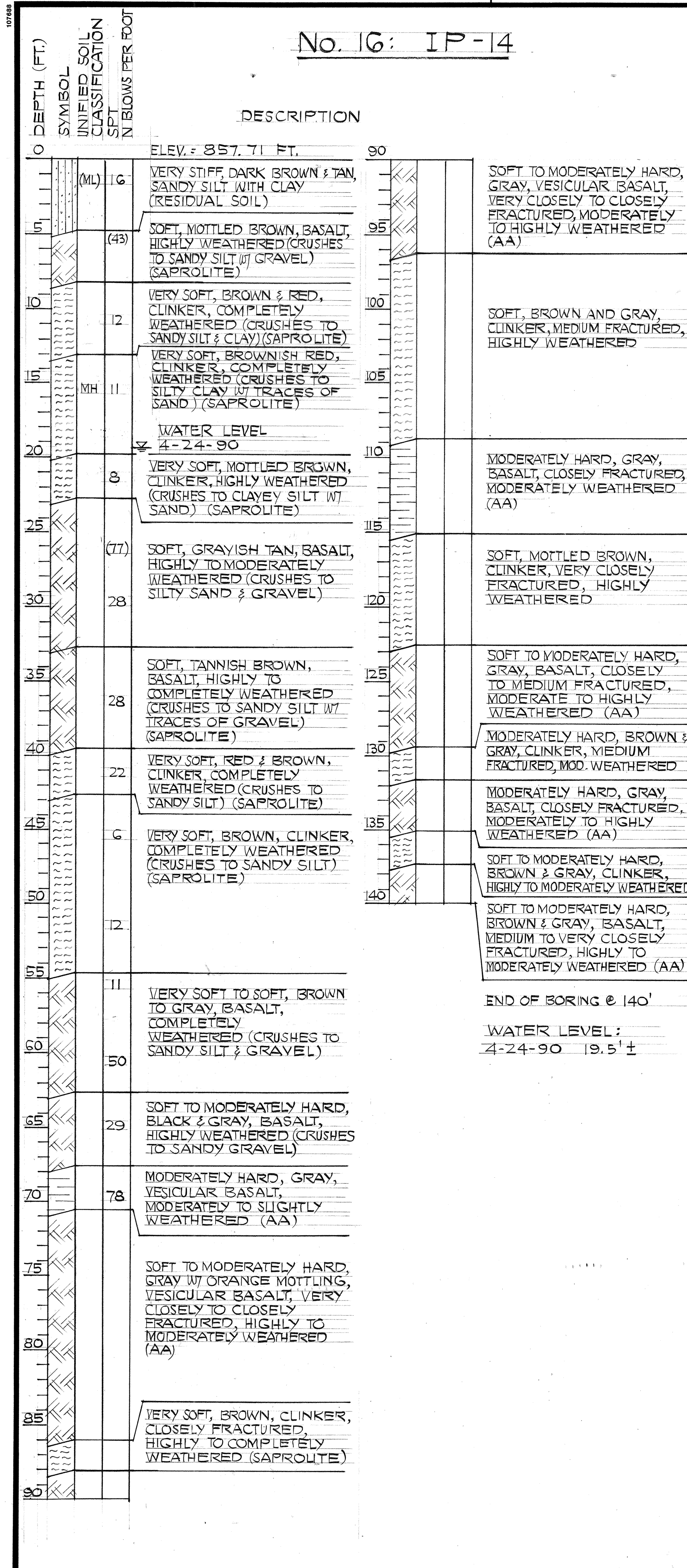
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NO. 13, 14, 15
INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. 1-H3-1 (71)

DATE: APRIL 1991

SHEET NO. 67 OF 26 SHEETS

22

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
REVISIONS BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I- H3-1 (71)	1991	23	618



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Edward K. Watanabe
HAWAII GEOTECHNICAL GROUP, INC.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS

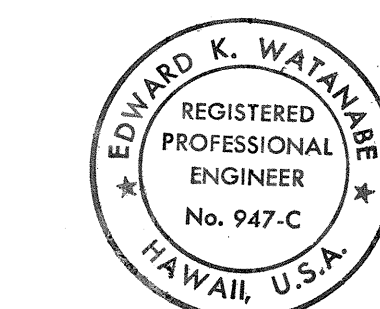
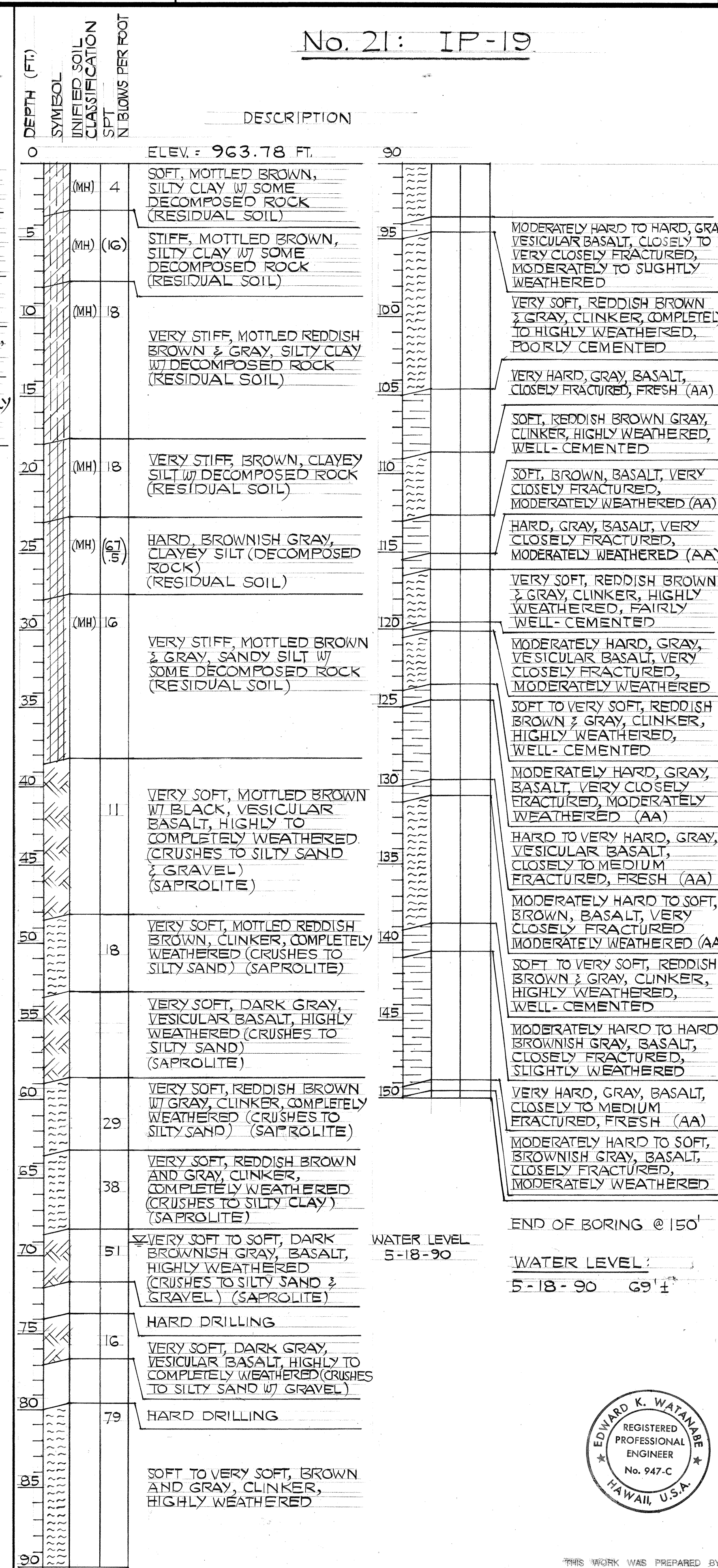
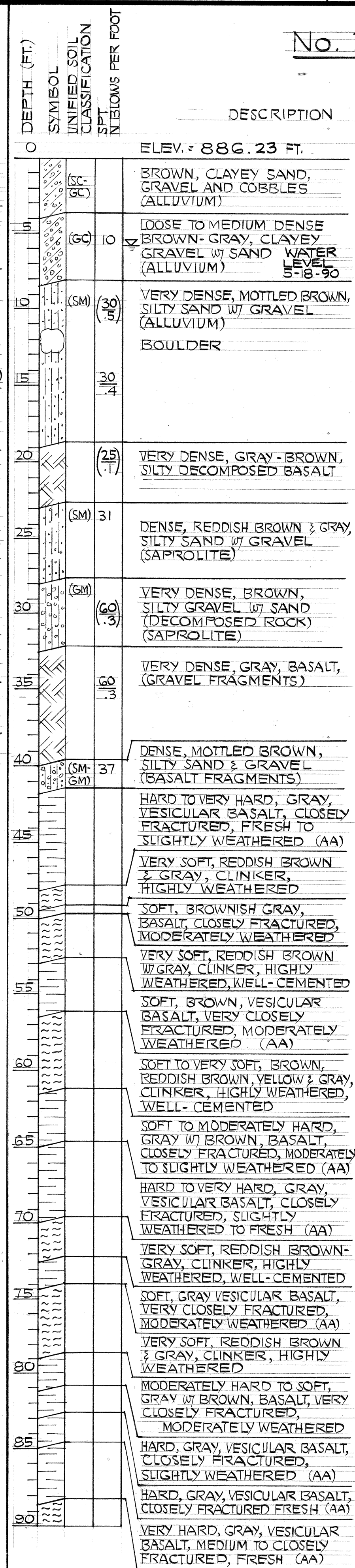
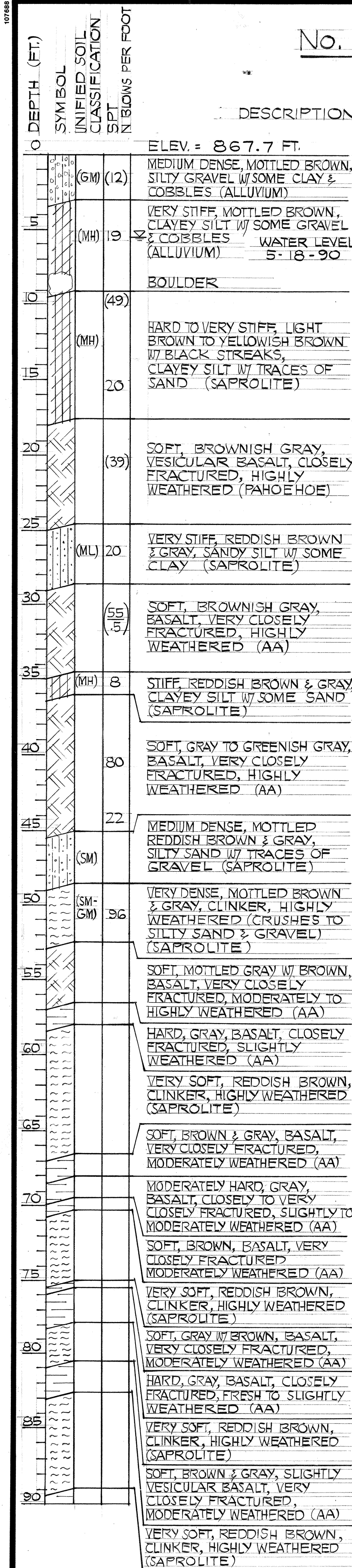
No. 16, 17, 18

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I- H3-1 (71)

DATE: APRIL 1991

SHEET NO. 618 OF 26 SHEETS

ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NO. 000	



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Edward K. Watanabe
HAWAII GEOTECHNICAL GROUP, INC.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I- H3 - I (71)	1991	24	618

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

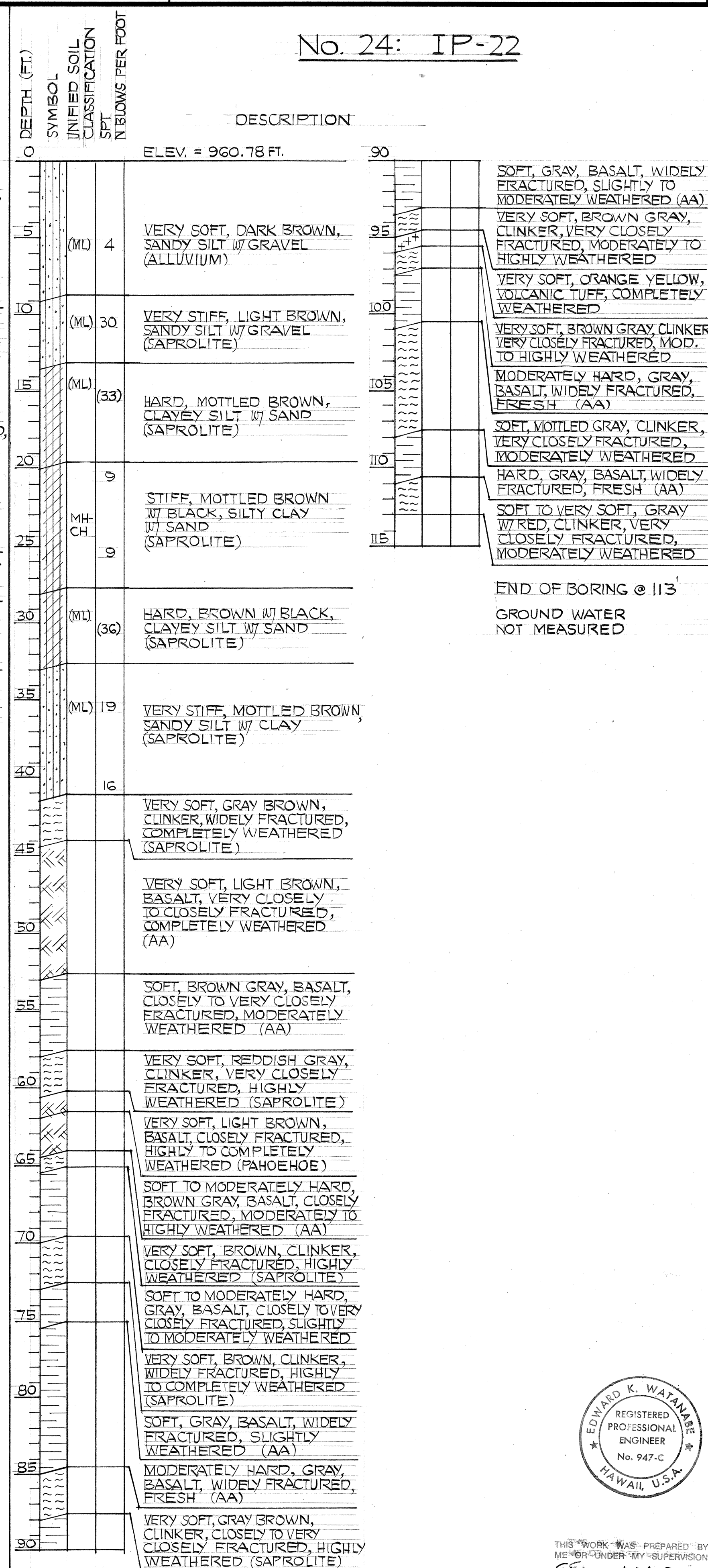
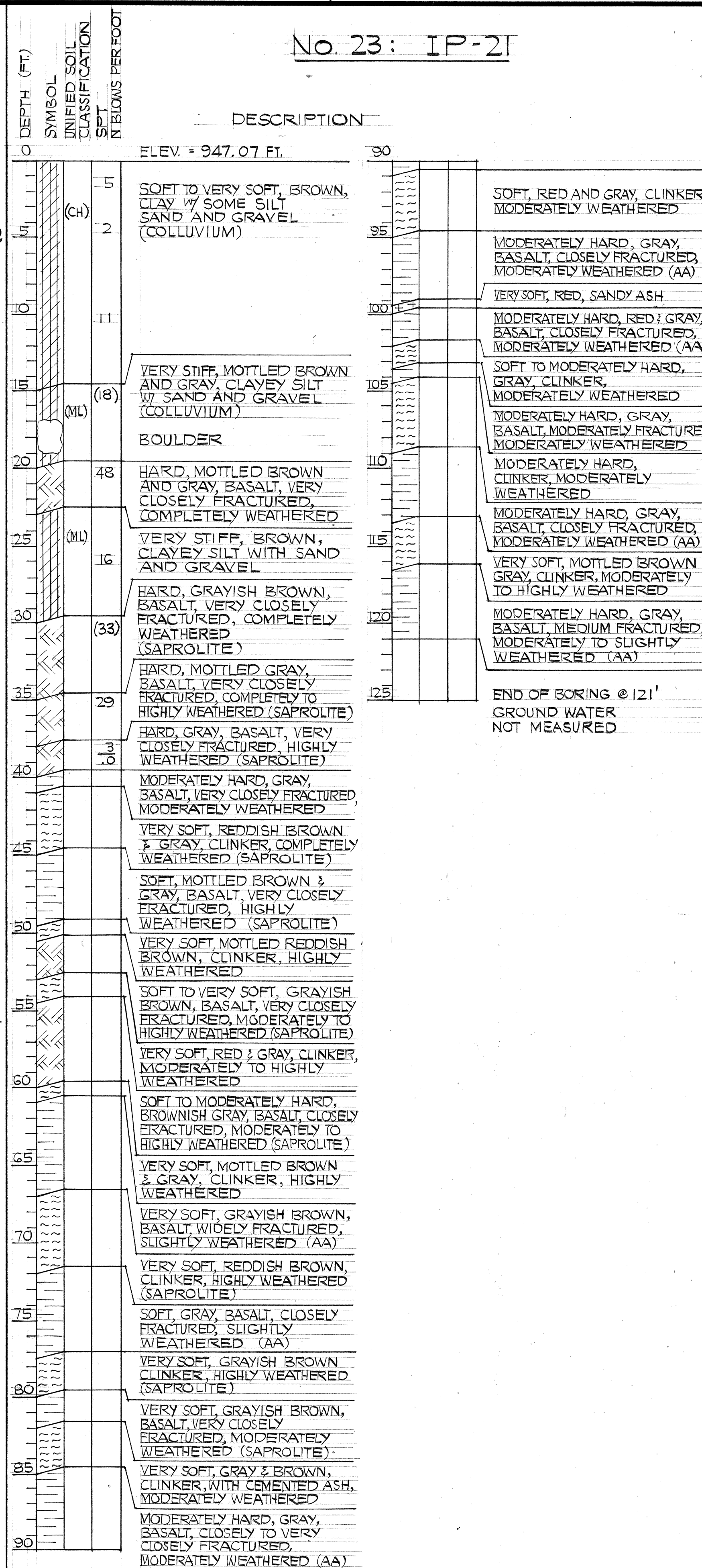
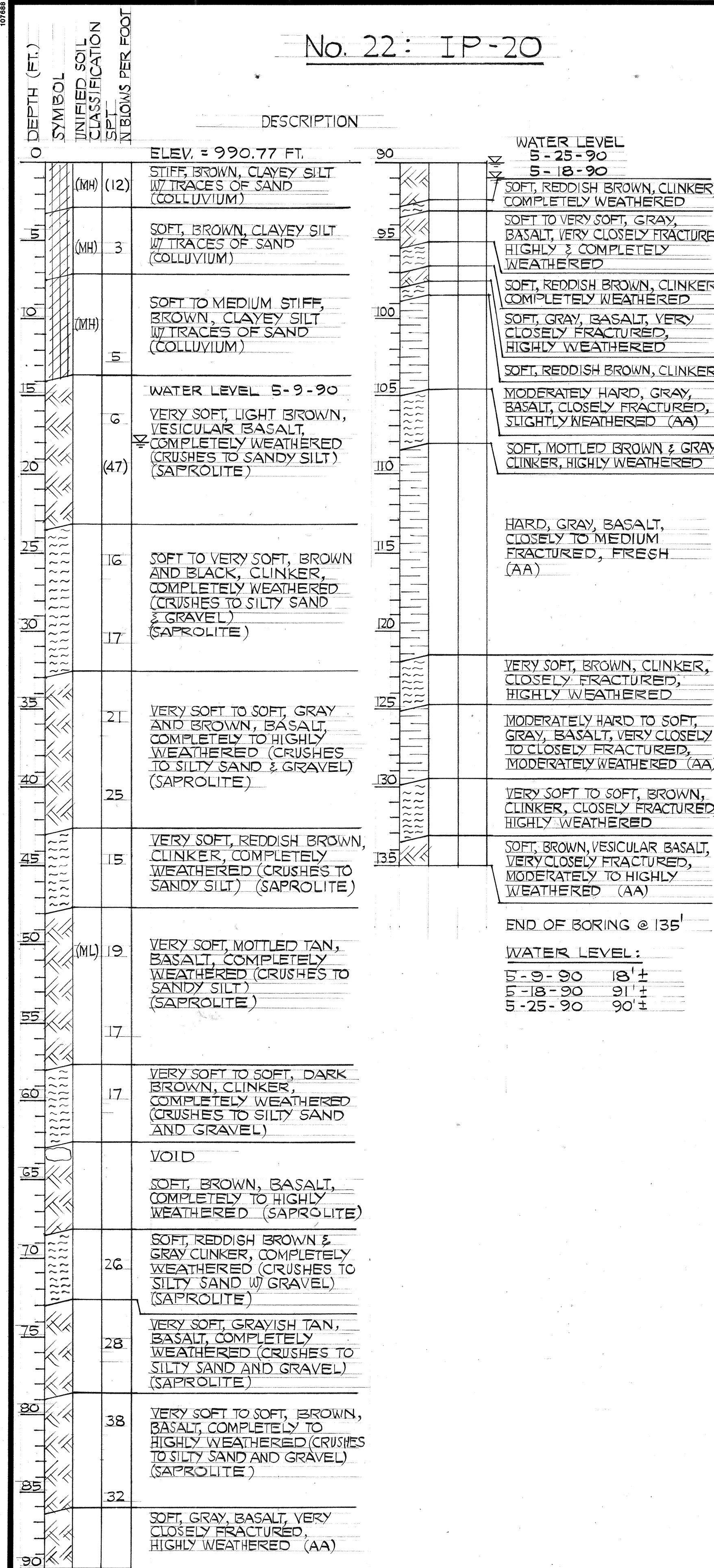
BORING LOGS
NO. 19, 20, 21

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1 (71)

DATE: APRIL 1991

SHEET No. 619 OF 26 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
NO.	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I - H3 - 1 (71)	1991	25	618

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

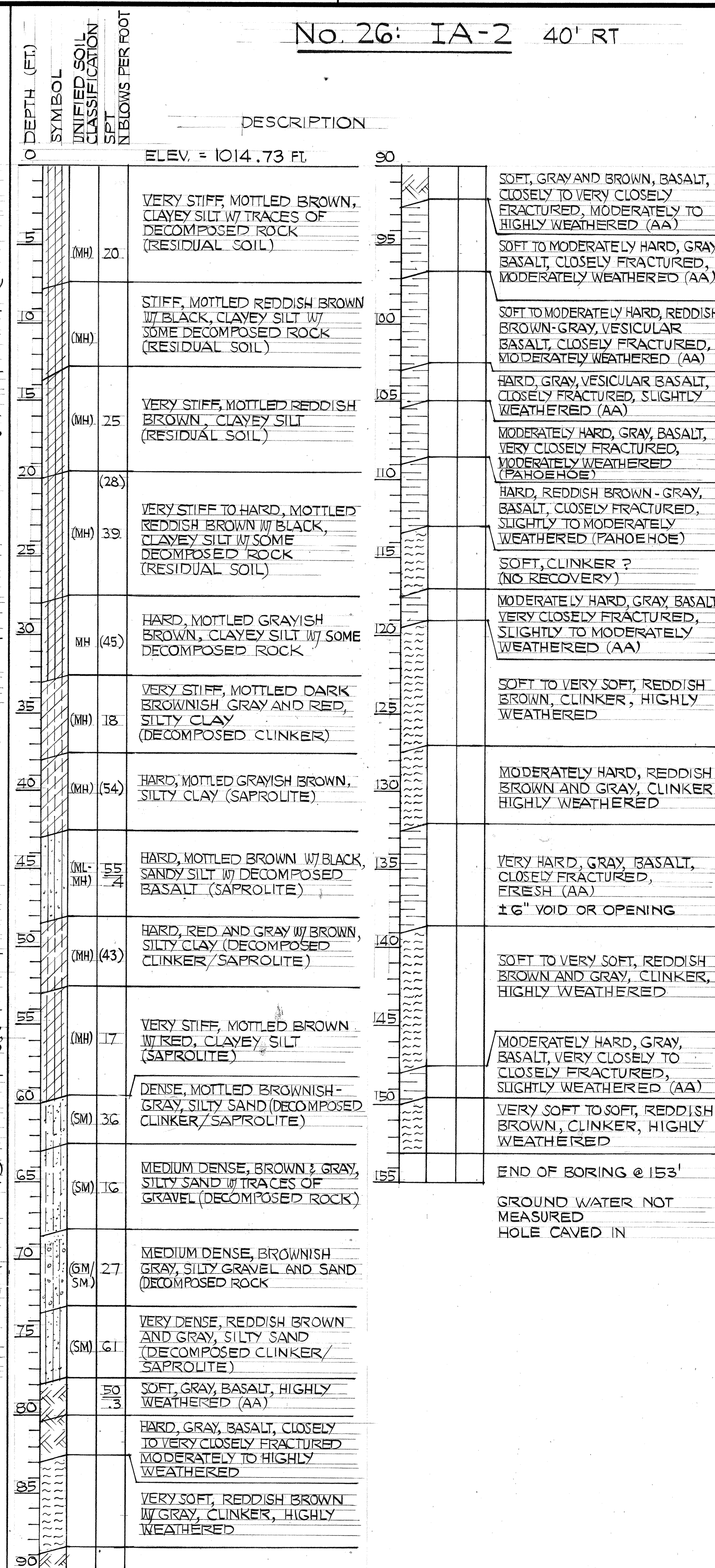
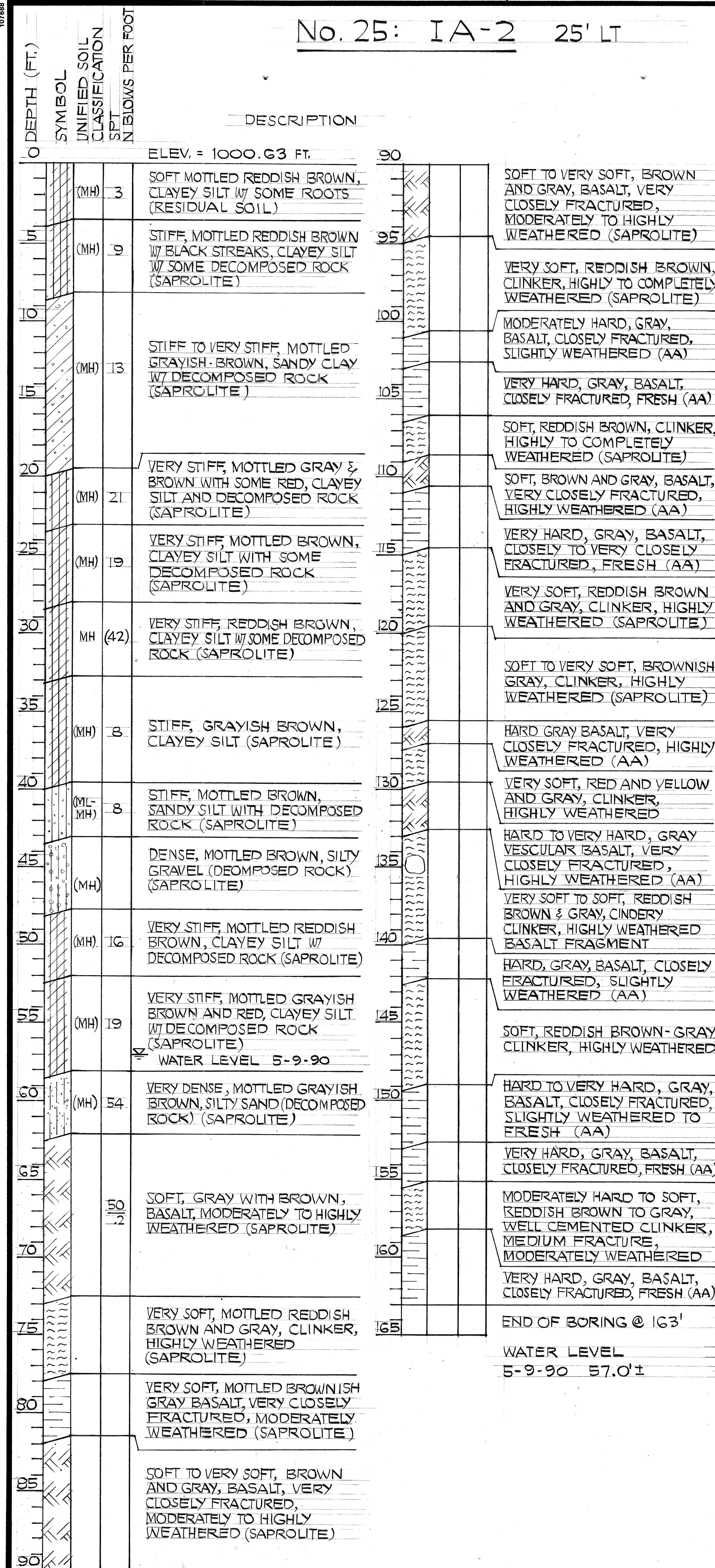
BORING LOGS
NO. 22, 23, 24
INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1 (71)

DATE: APRIL 1991

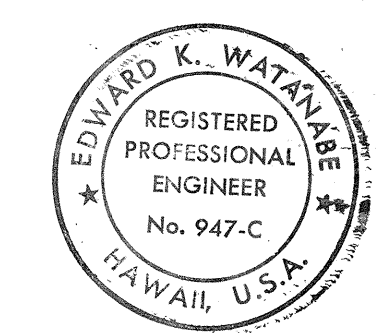
SHEET NO. 610 OF 26 SHEETS

25

DATE	_____
ORIGINAL PLAN	_____
DESIGNED BY	_____
TRACED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
NO.	_____



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I - H3 - 1 (71)	1991	26	618



THIS WORK WAS PREPARED BY
EDWARD K. WATANABE
REGISTERED PROFESSIONAL ENGINEER
No. 947-C
HAWAII, U.S.A.


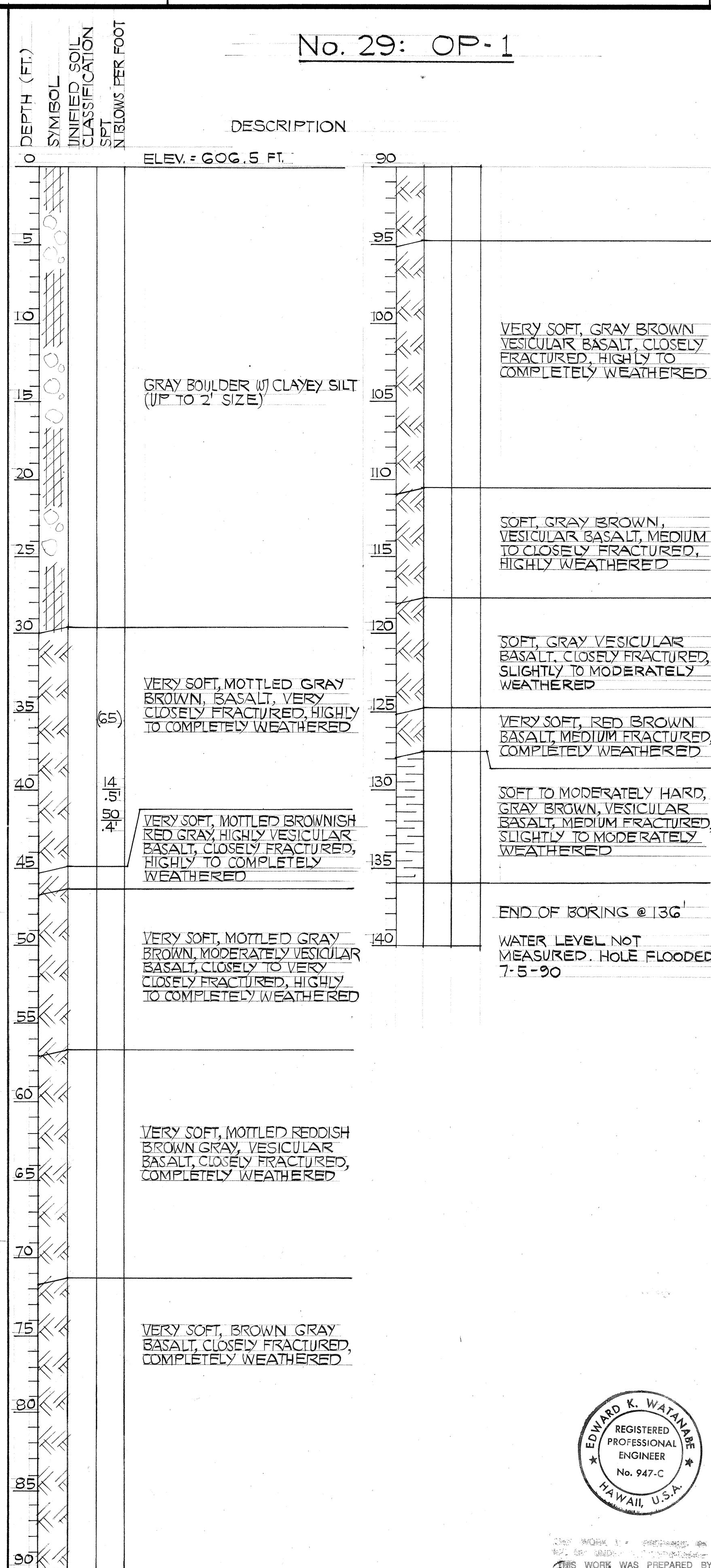
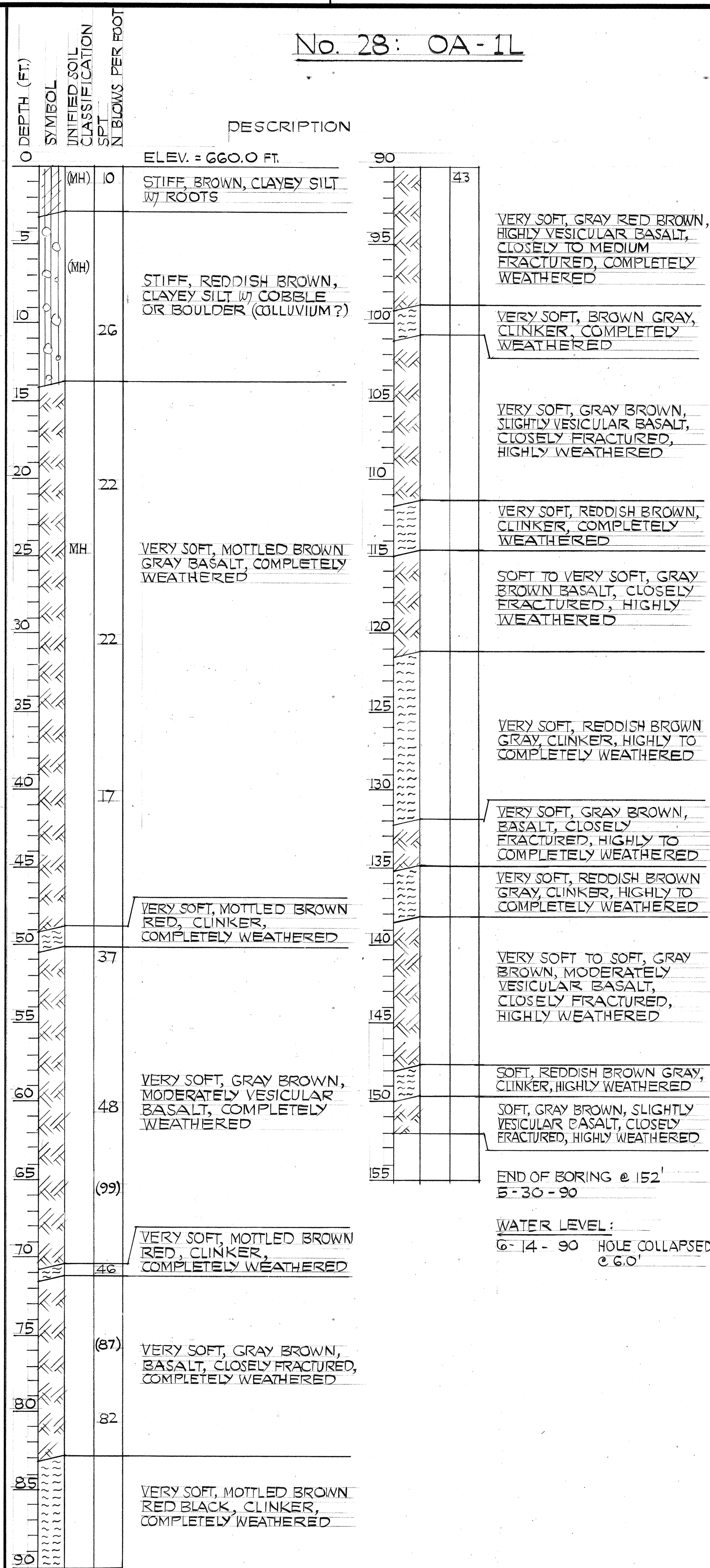
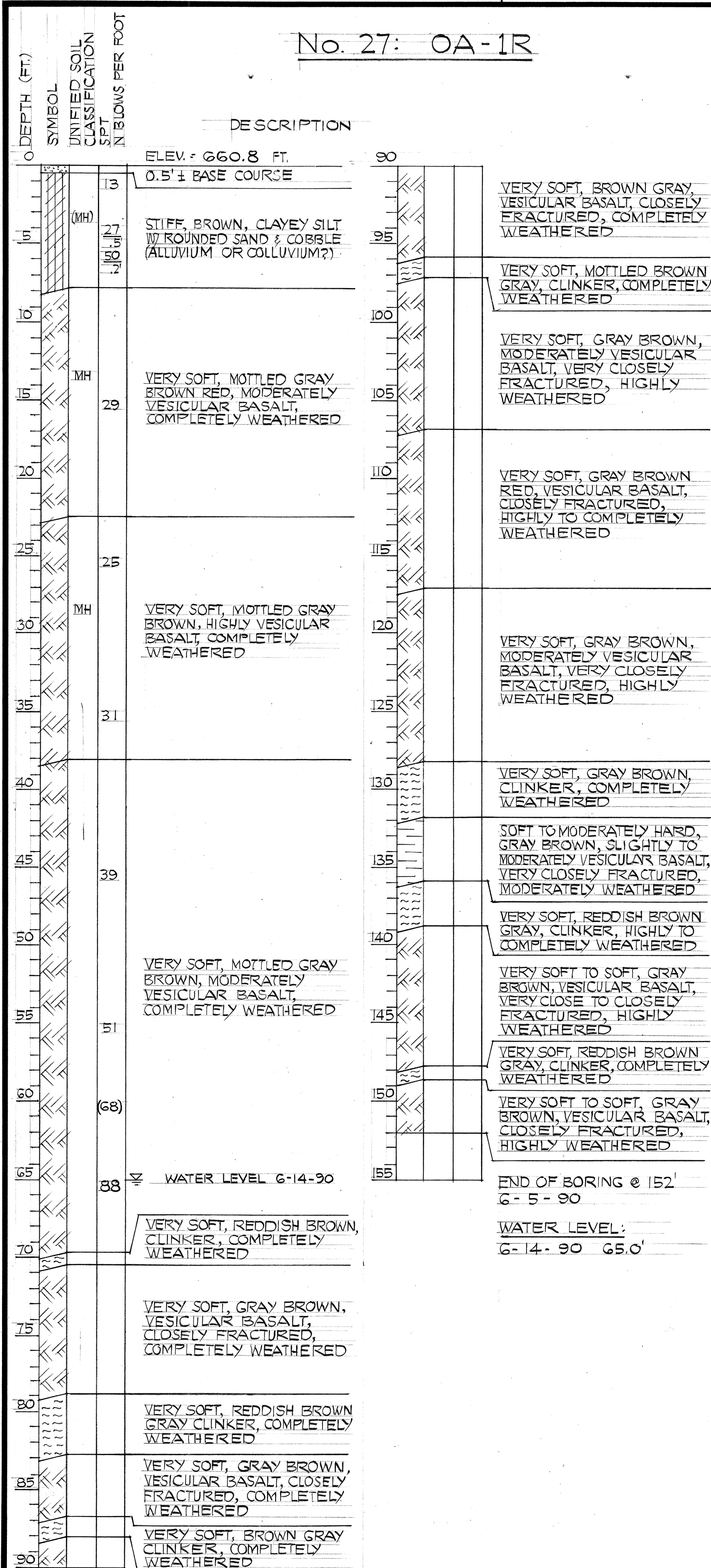
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS
NO. 25, 26
INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1 (71)

DATE: APRIL 1991

SHEET No. 611 OF 26 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I - H3 - 1 (71)	1991	27	618



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS

NO.27, 28, 29

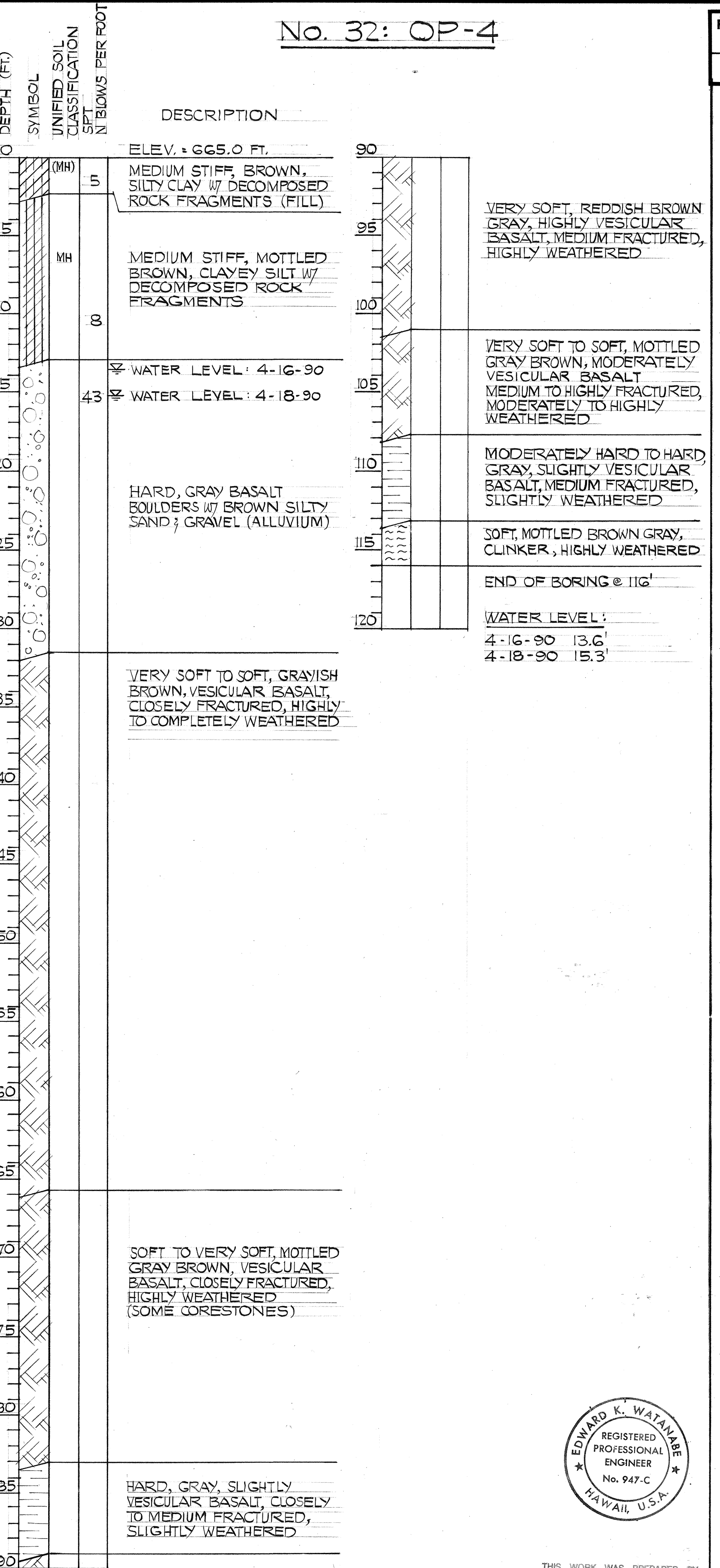
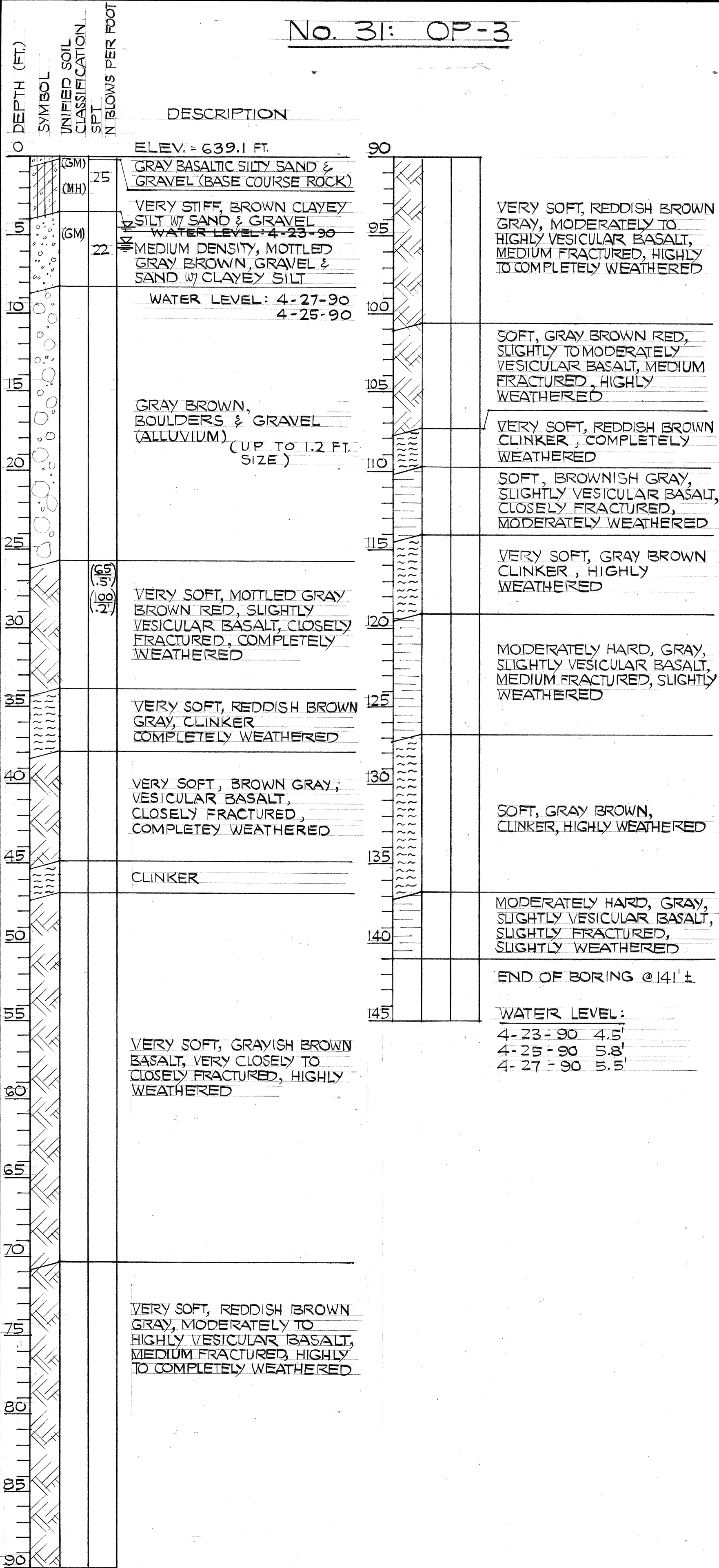
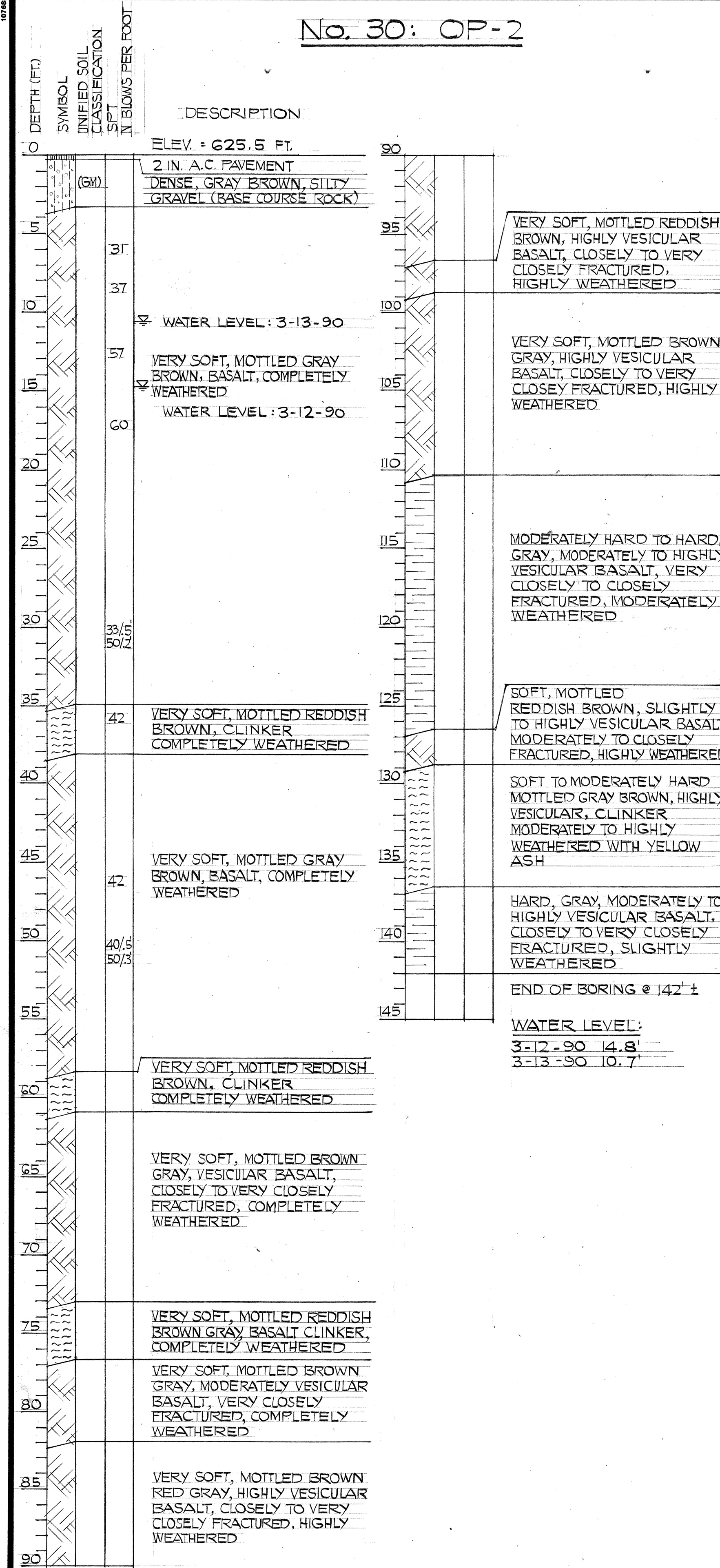
INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1 (71)

DATE: APRIL 1991

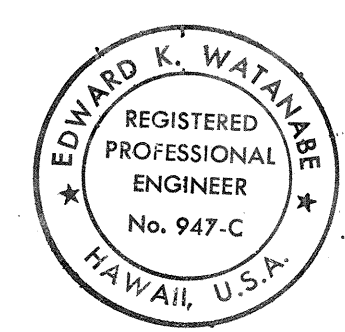
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NOTE BOOK	DRAWN BY _____	" _____
	TRACED BY _____	" _____
	DESIGNED BY _____	" _____
	QUANTITIES BY _____	" _____
No. _____	CHECKED BY _____	" _____

DATE _____
SURVEY PLOTTED BY _____
DRAWN BY _____
DESIGNED BY _____
QUANTITIES BY _____
CHECKED BY _____
ORIGINAL PLAN _____
NOTE BOOK _____
No. _____



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I - H3 - 1 (71)	1991	28	618



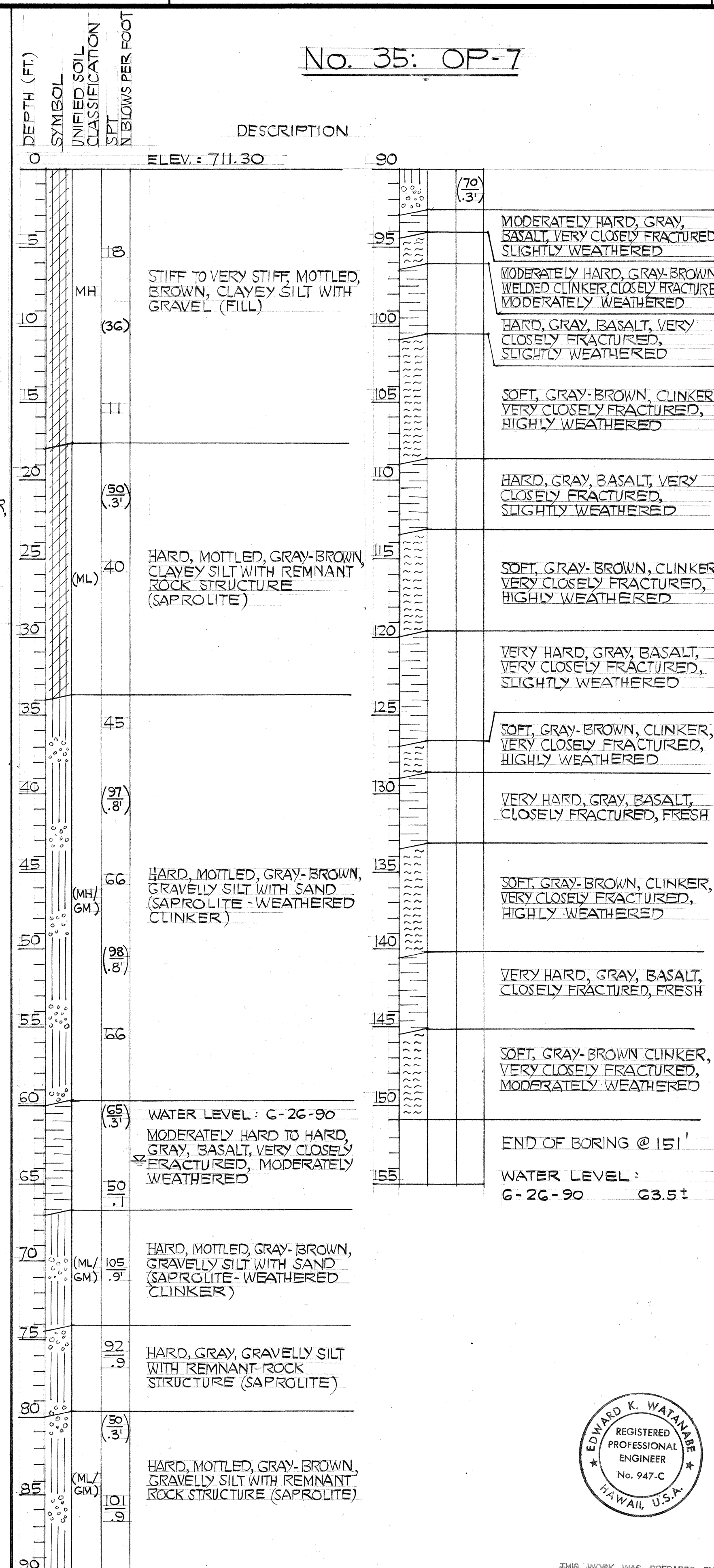
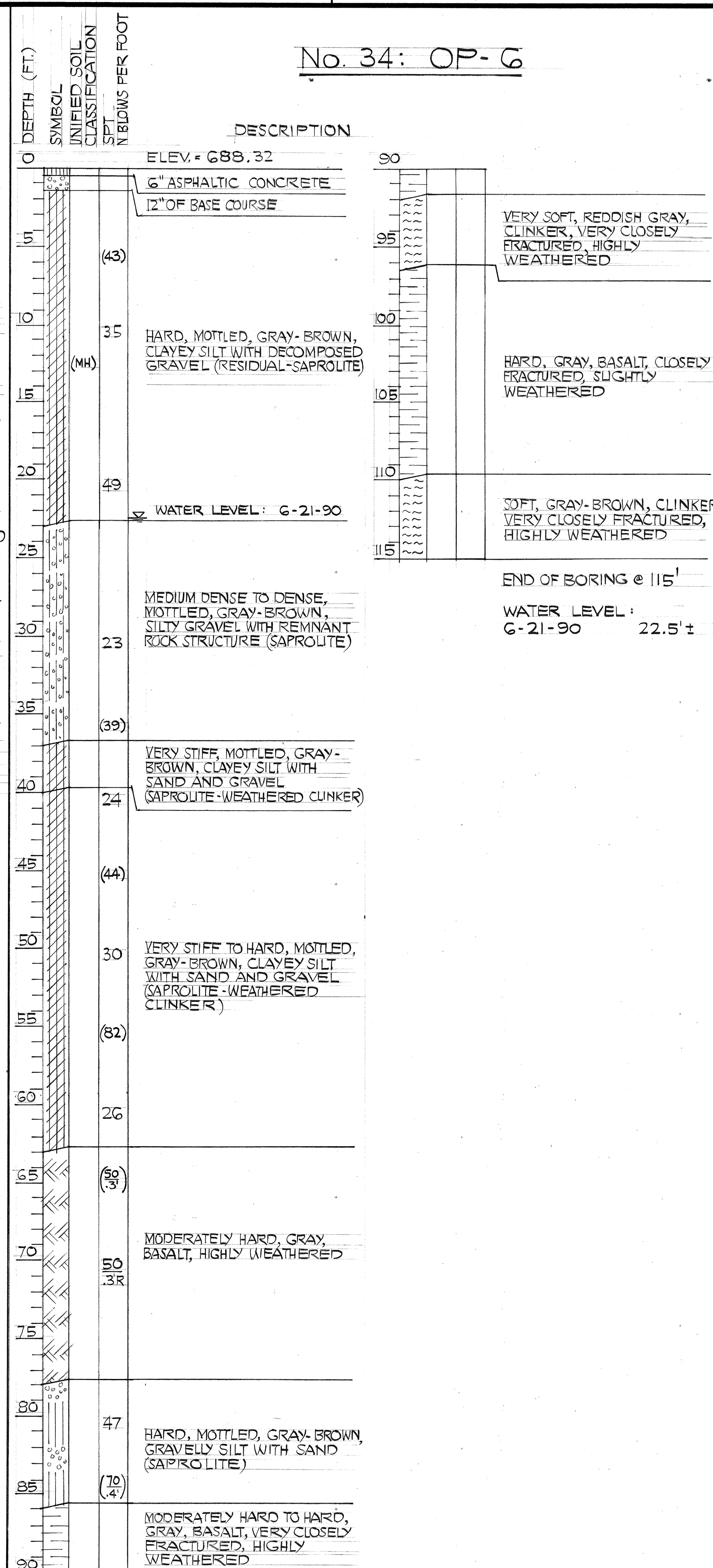
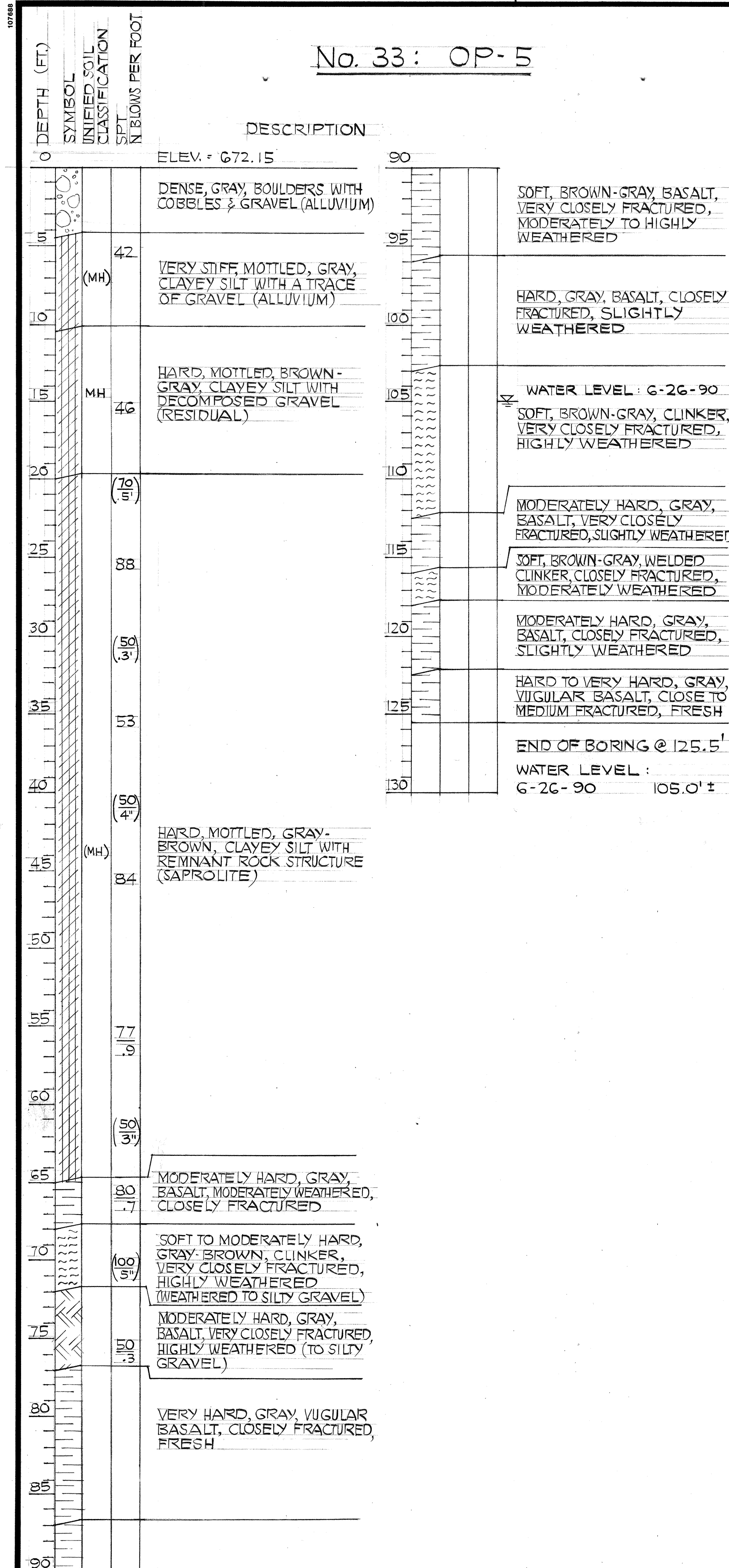
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ME, OR UNDER MY SUPERVISION
Edward K. Watanabe
HAWAII GEOTECHNICAL GROUP, INC.
HAWAII, U.S.A.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS
NO. 30, 31, 32
INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1 (71)

DATE: APRIL 1991
SHEET No. 6113 OF 26 SHEETS

ORIGINAL PLAN	DATE
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
No.	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I- H3 - 1 (71)	1991	29	618

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS
NO. 33, 34, 35
INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I- H3-1 (71)

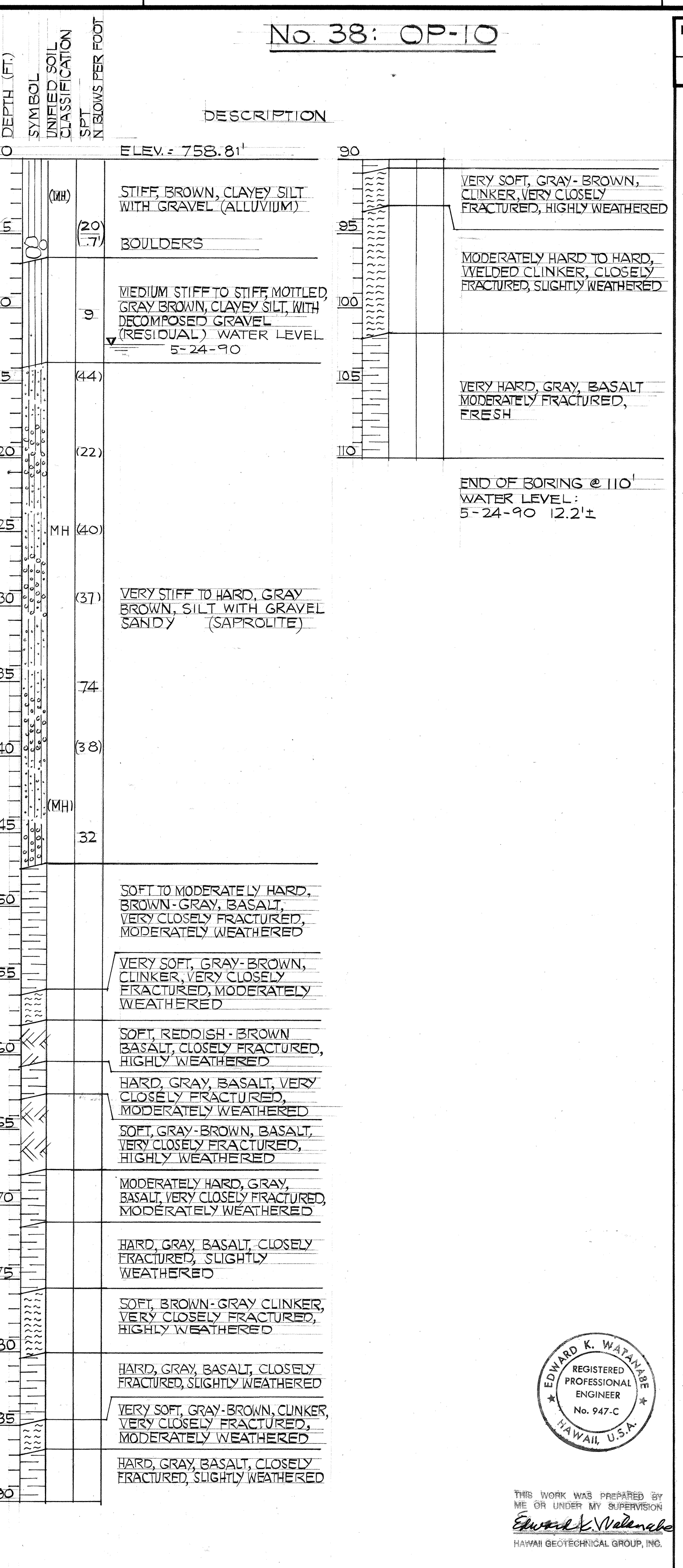
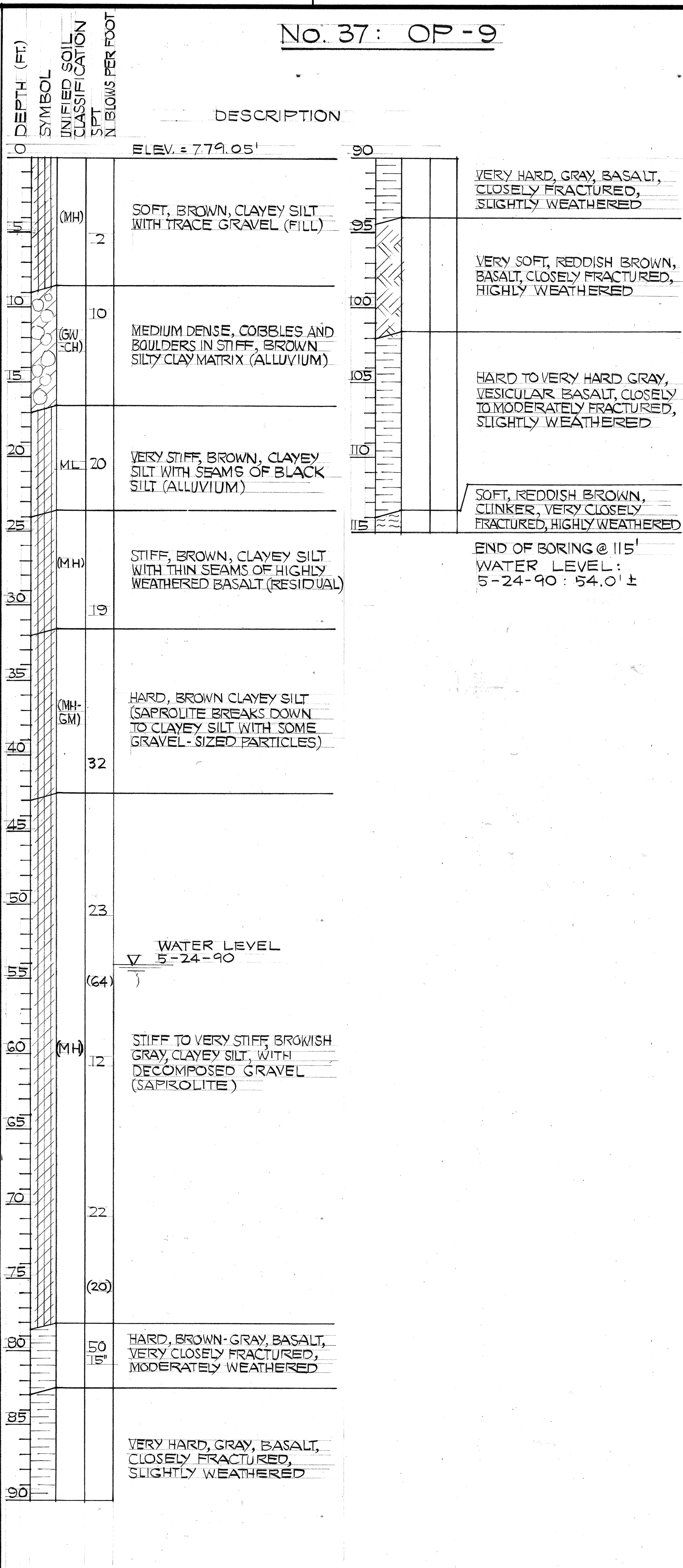
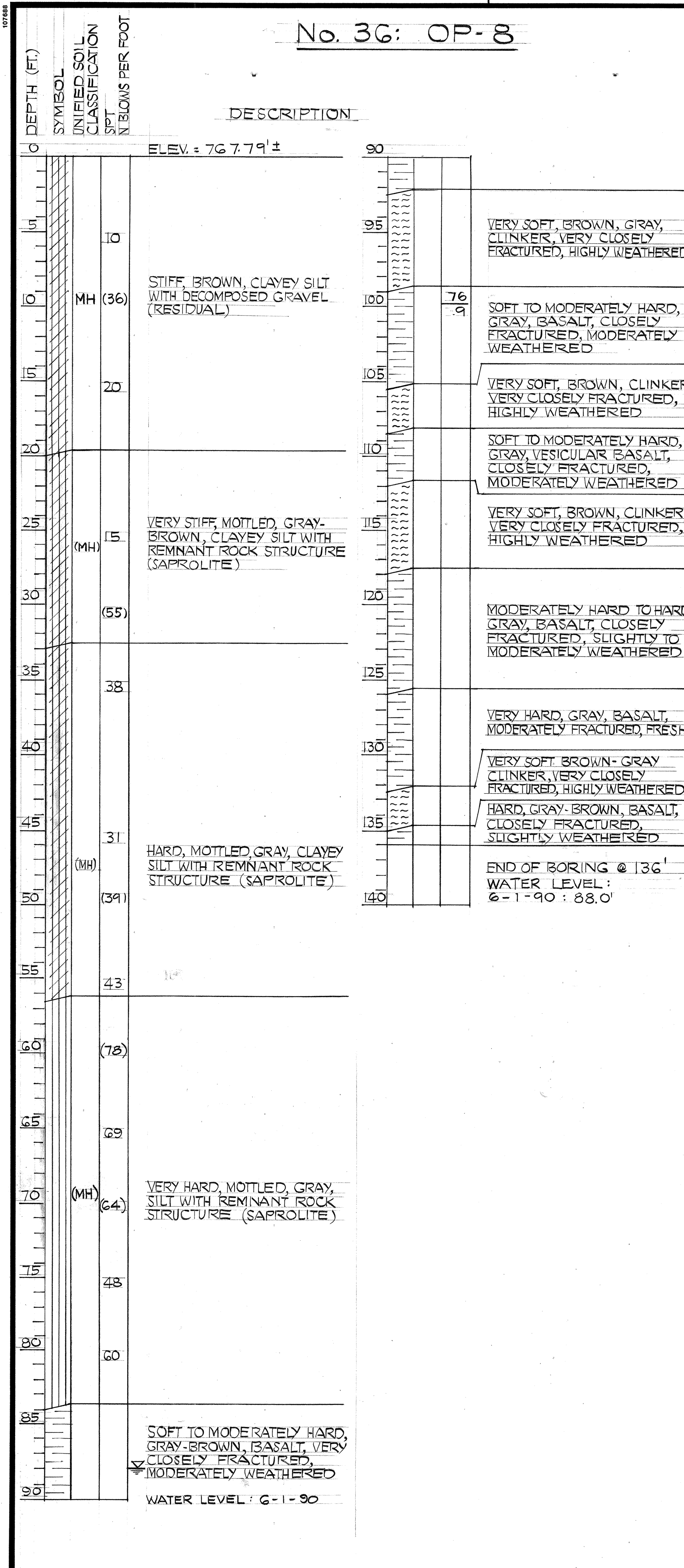
DATE: APRIL 1991

SHEET NO. 614 OF 26 SHEETS

EDWARD K. WATNARE
REGISTERED PROFESSIONAL ENGINEER
No. 947-C
HAWAII, U.S.A.

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Edward K. Watnare
HAWAII GEOTECHNICAL GROUP, INC.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1 (71)	1991	30	618

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS
NO. 36, 37, 38
INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1 (71)

DATE: APRIL 1991
SHEET NO. 615 OF 26 SHEETS

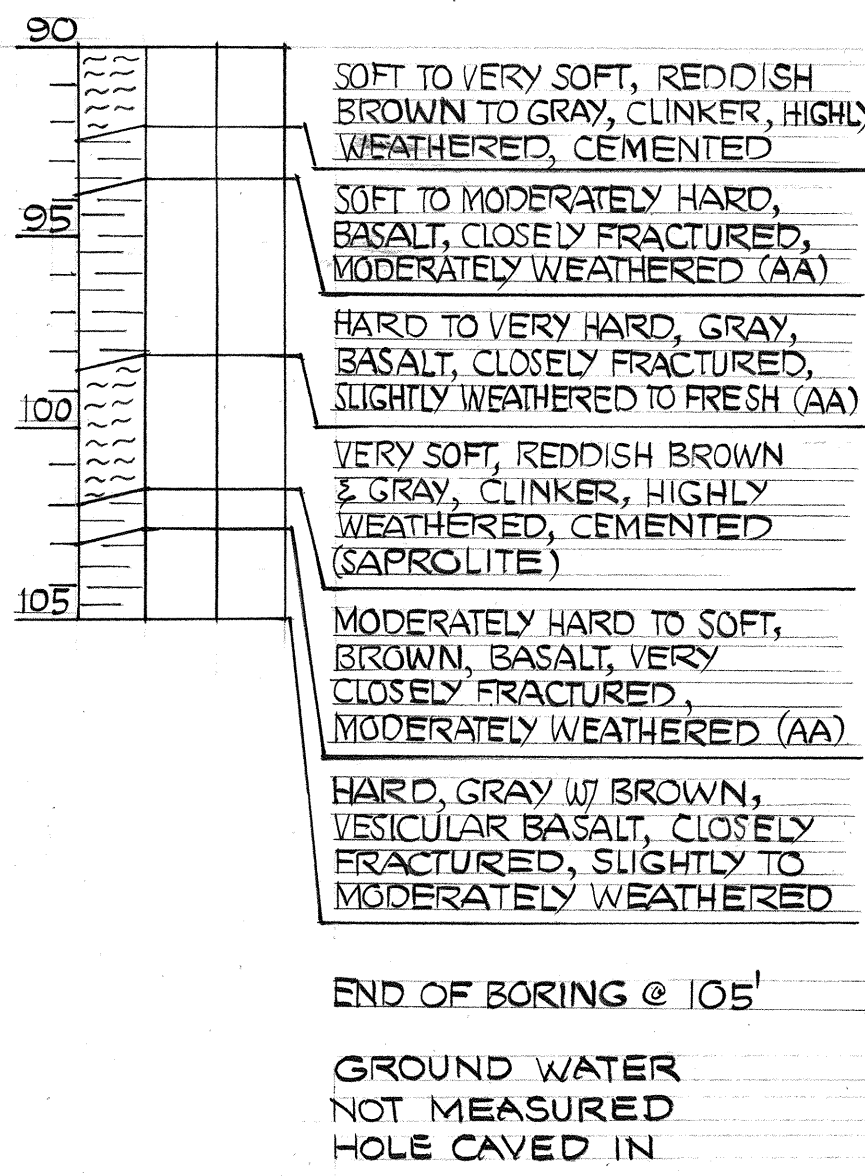
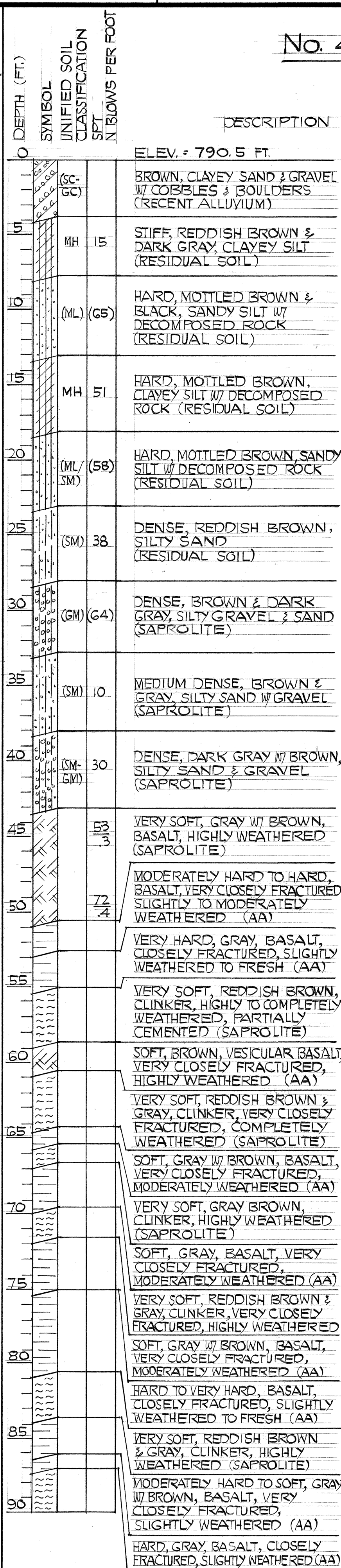
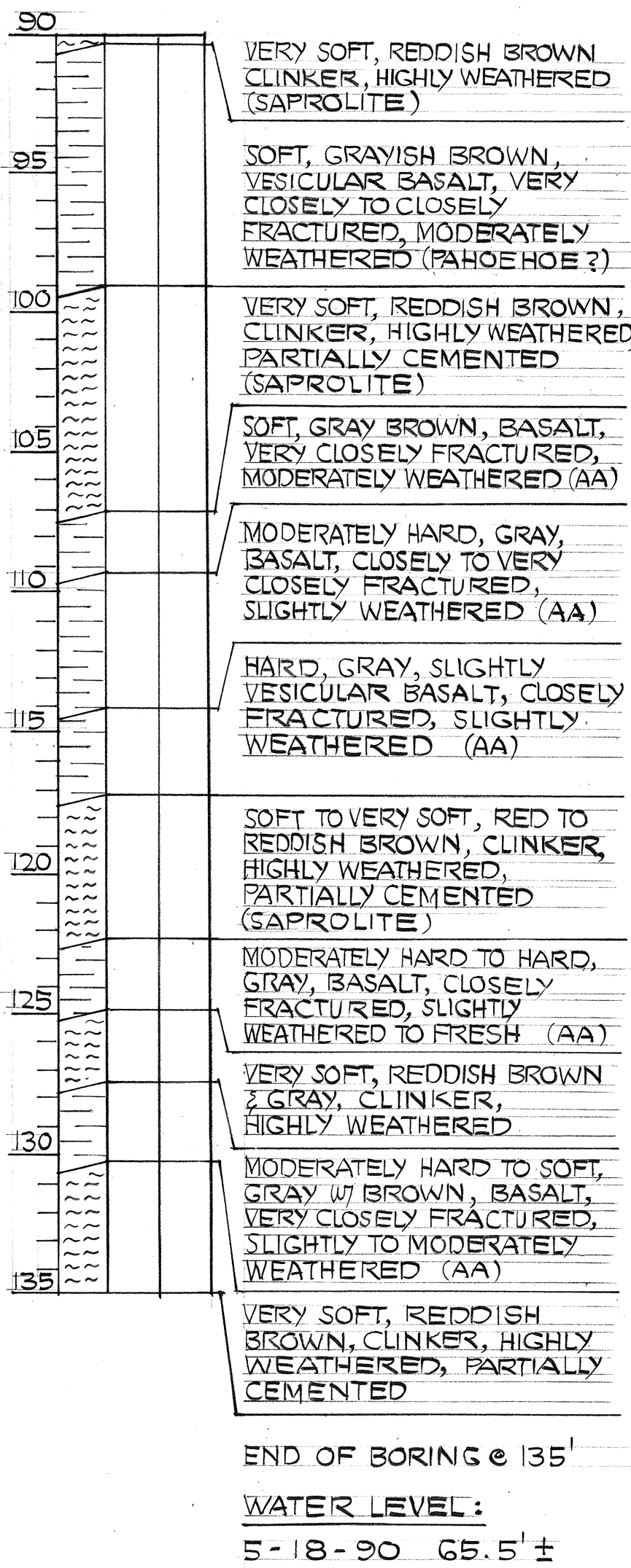
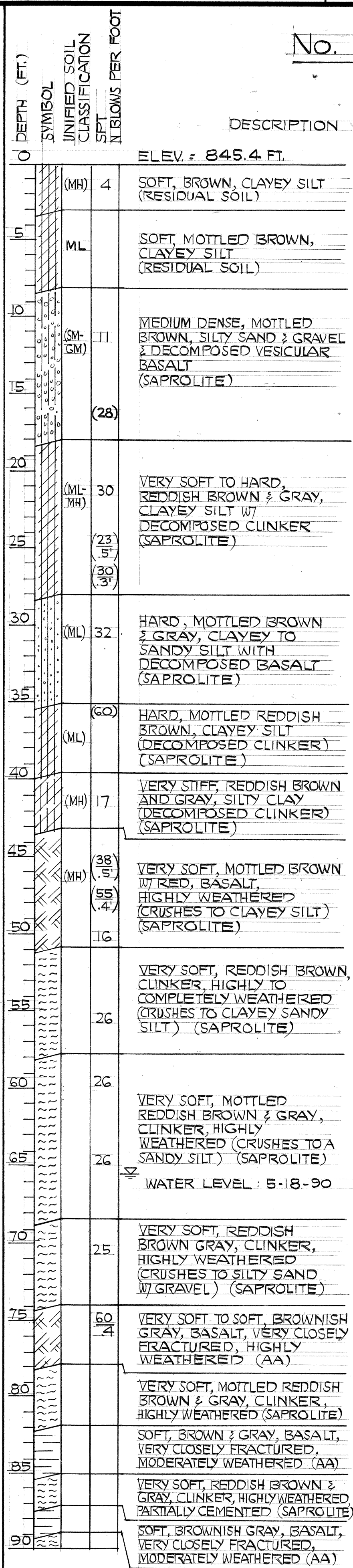
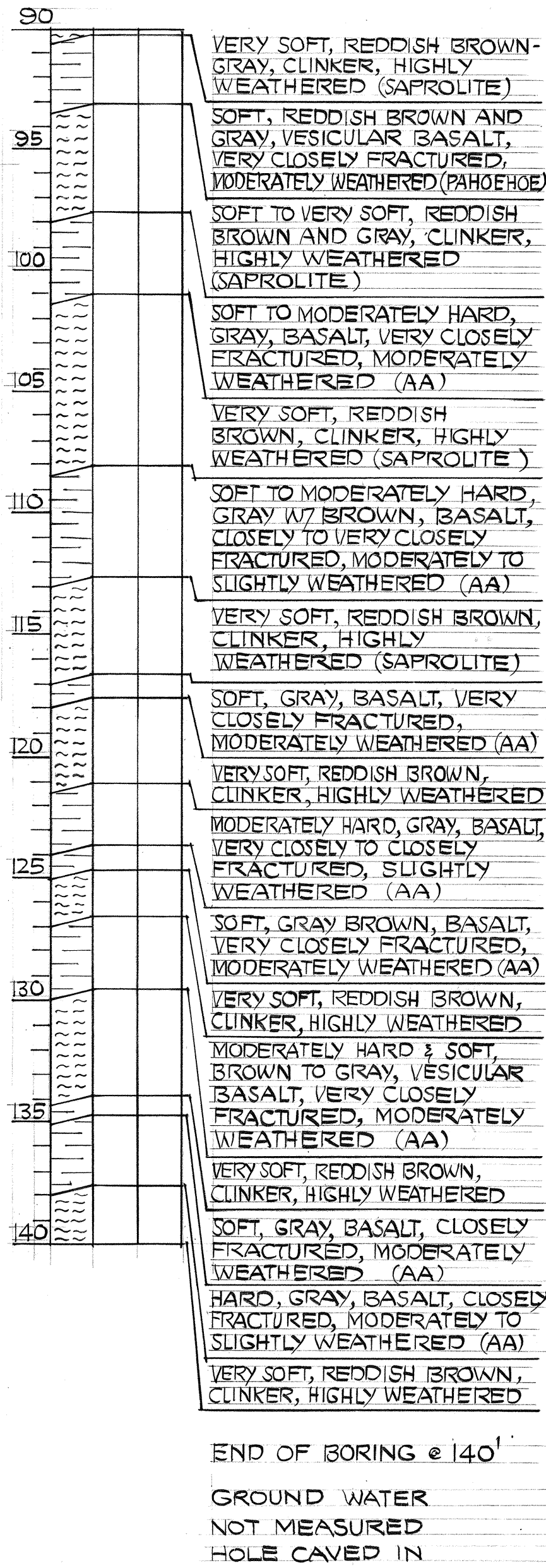
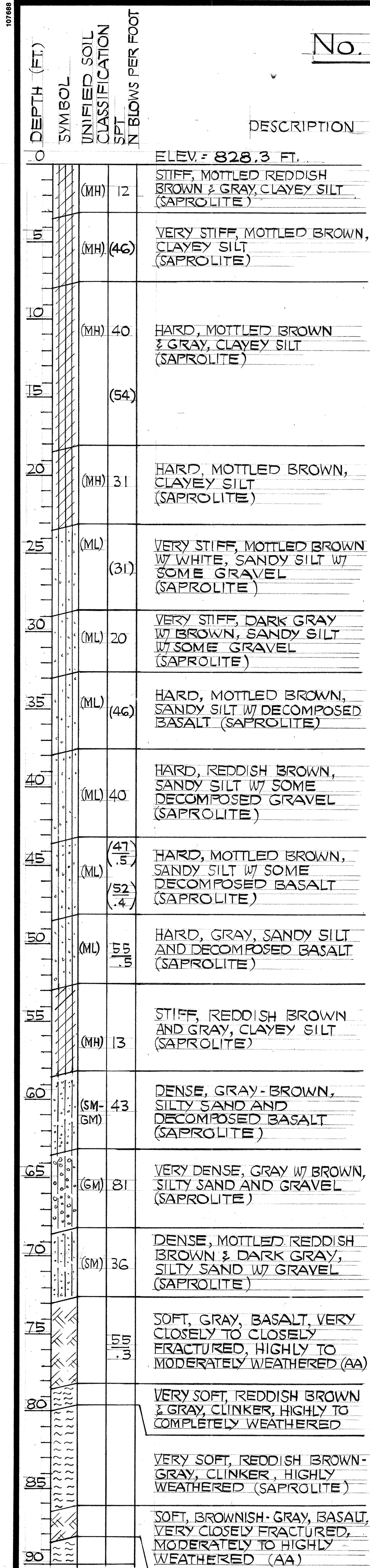
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Edward K. Watanabe
HAWAII GEOTECHNICAL GROUP, INC.

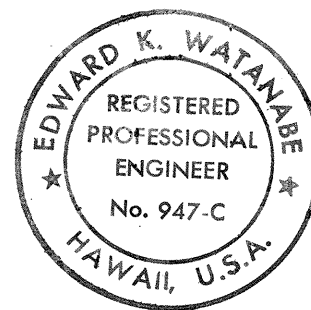
EDWARD K. WATANABE
REGISTERED PROFESSIONAL ENGINEER
No. 947-C
HAWAII, U.S.A.

30

DATE
DRAWN BY
DESIGNED BY
CHECKED BY
ORIGINAL PLAN
NOTE BOOK
No.



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1 (71)	1991	31	618

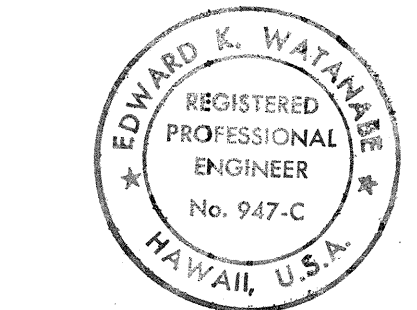
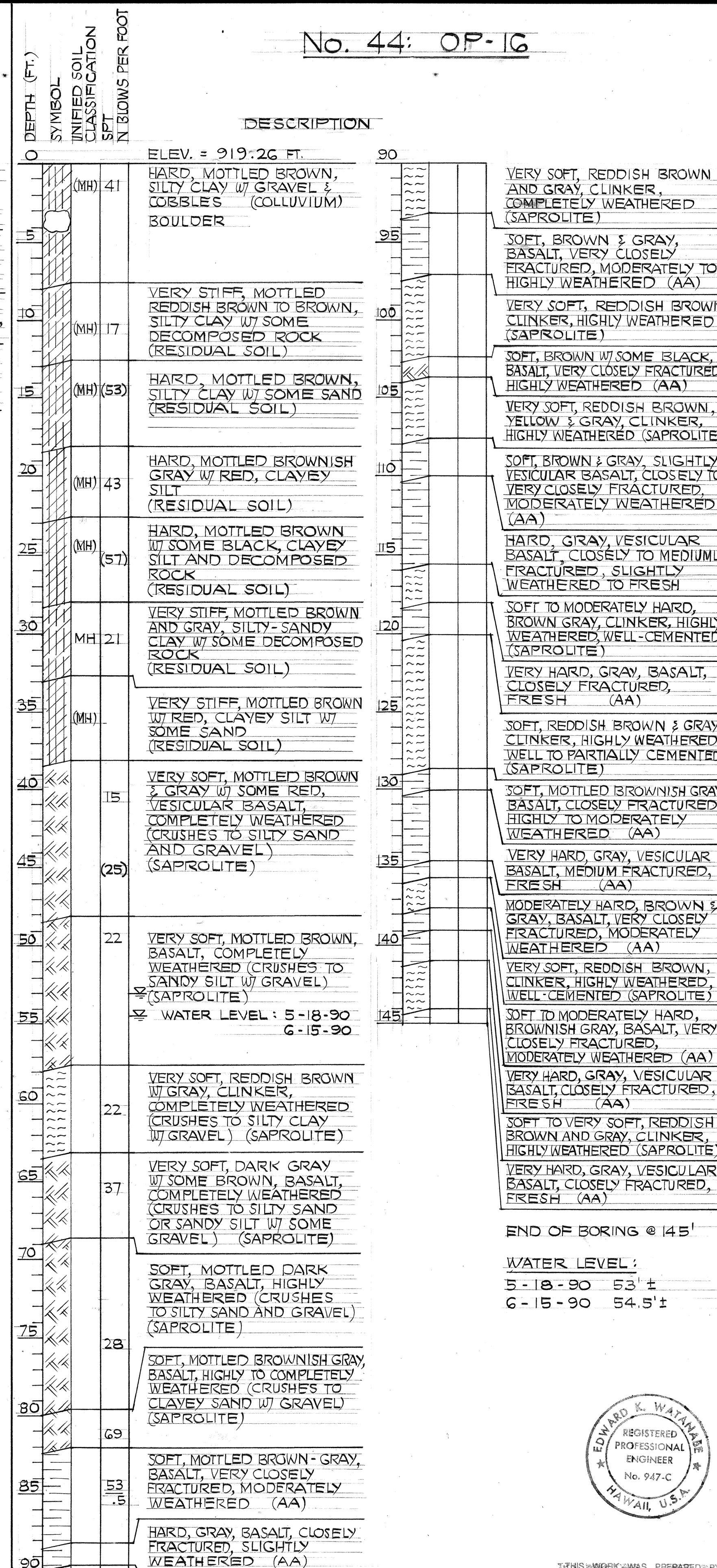
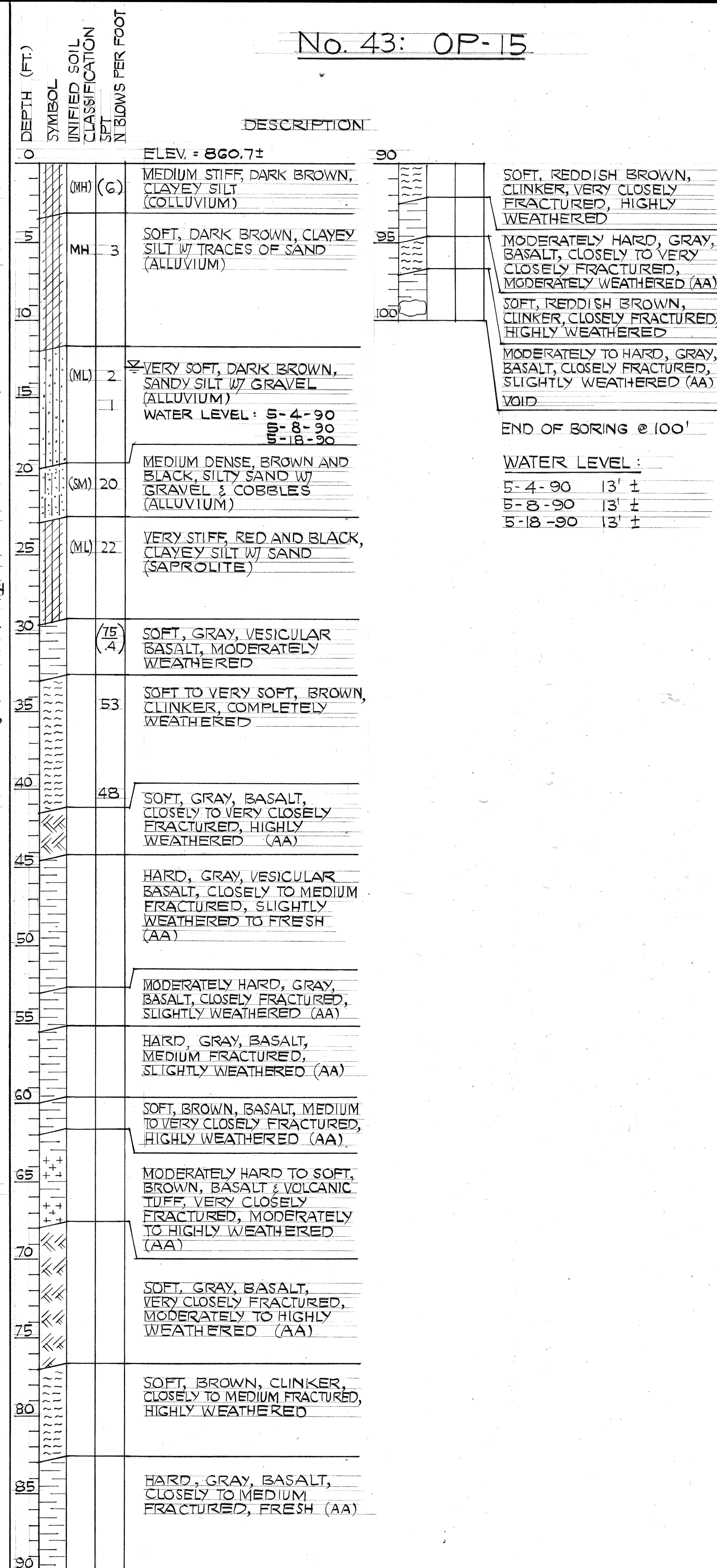
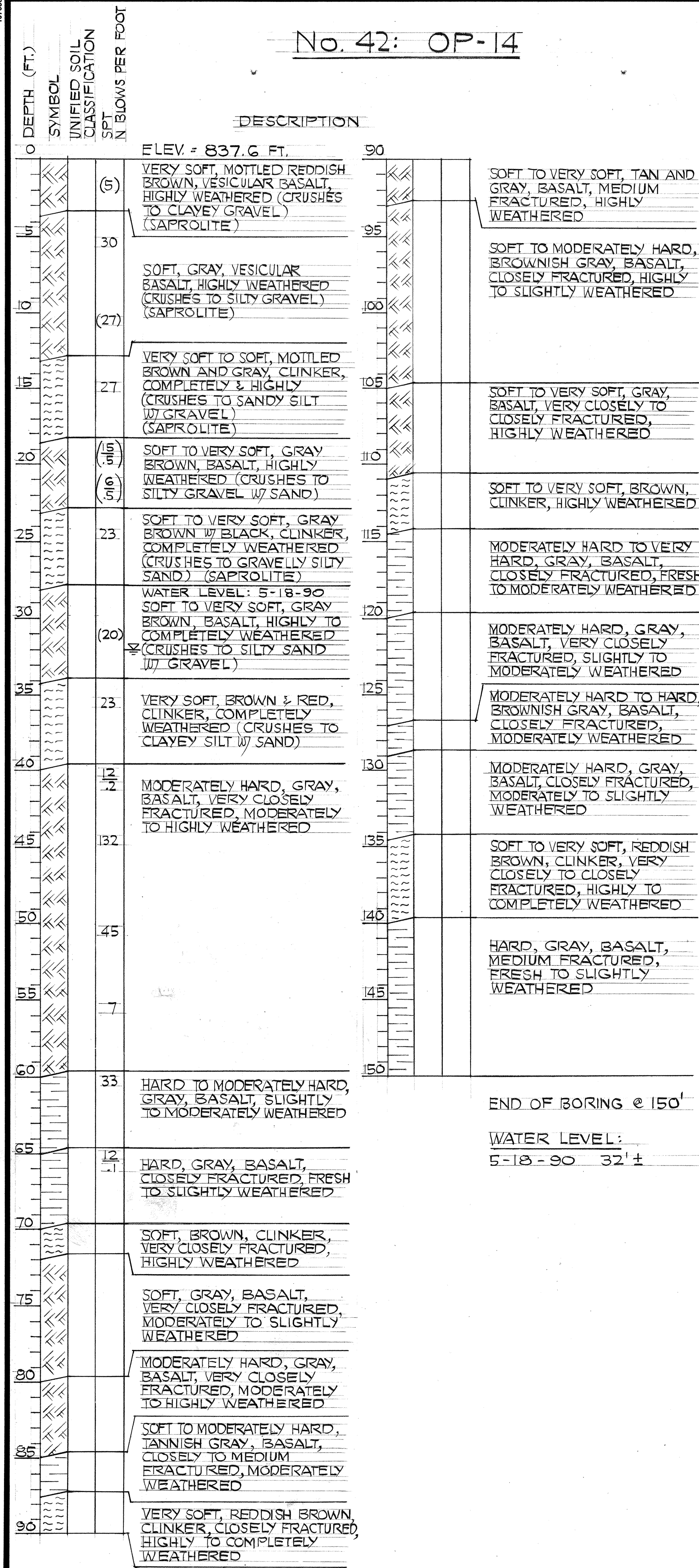


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Edward K. Watanabe
HAWAII GEOTECHNICAL GROUP, INC.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
BORING LOGS
NO. 39, 40, 41
INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1 (71)

DATE: APRIL 1991
SHEET No. 616 OF 26 SHEETS

ORIGINAL PLAN	DATE
NO. _____	_____
DESIGNED BY	_____
TRACED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____


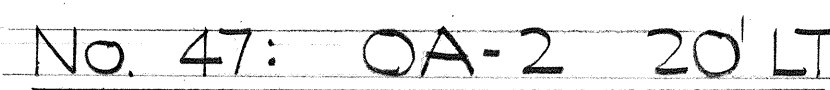
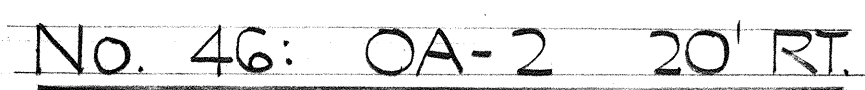
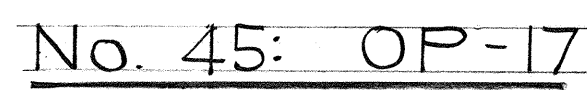


THIS WORK WAS PREPARED BY
NAME: CHUNDER-MY: SUPERVISION
Edward K. Watanabe
HAWAII GEOTECHNICAL GROUP, INC.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1 (71)	1991	32	618

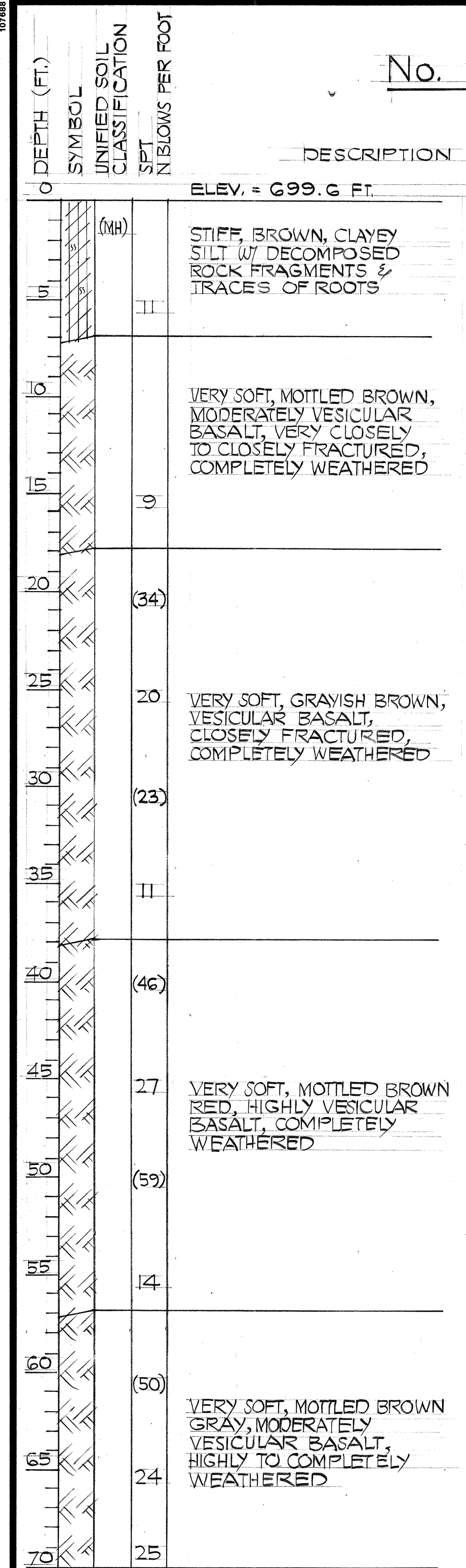
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS
NO. 42, 43, 44
INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1 (71)



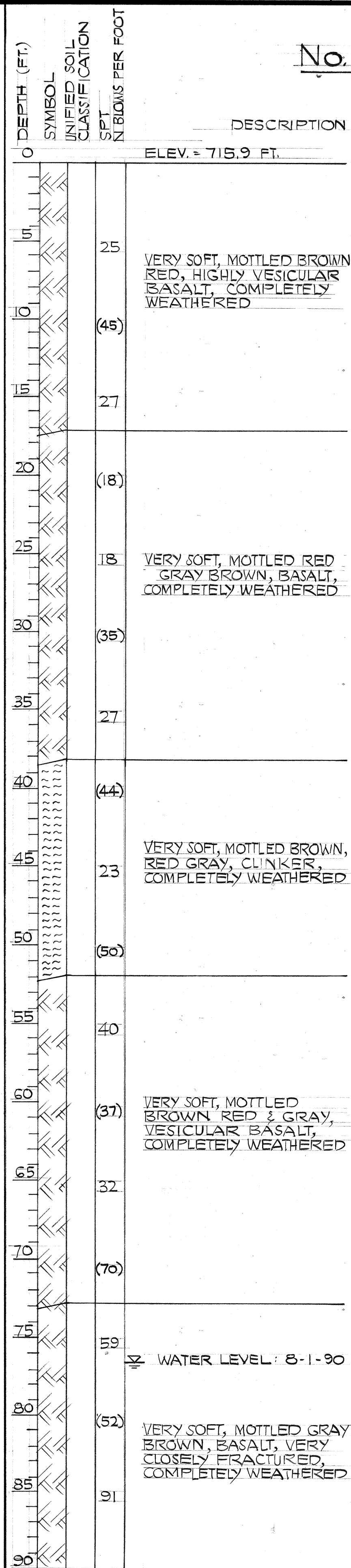
33

ORIGINAL PLAN	DATE
DRAWN BY
DESIGNED BY
NOTED BY
CHECKED BY
No.



END OF BORING @ 70' ±
7-17-90

WATER LEVEL:
8-1-90 HOLE CAVED @
65.1', NO WATER

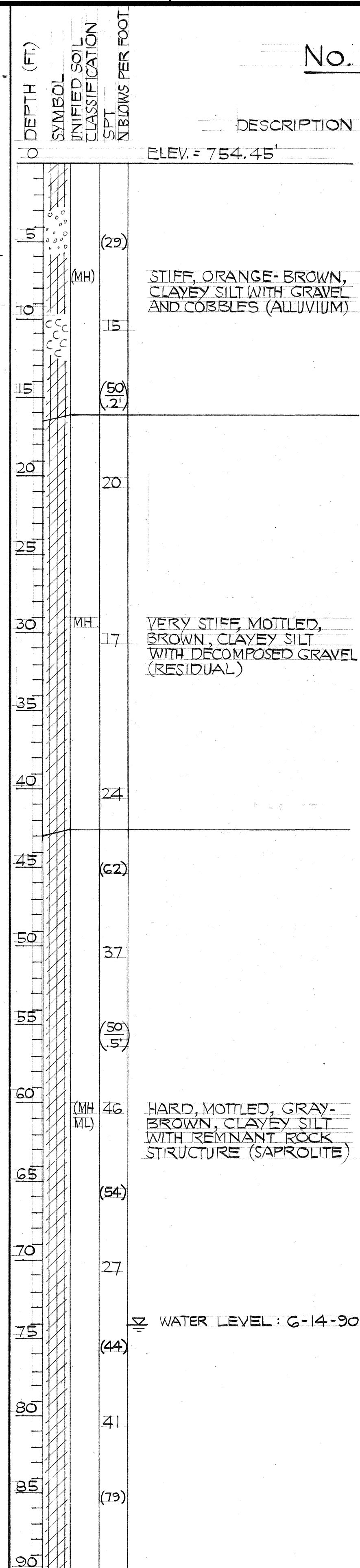


VERY SOFT, MOTTLED RED BROWN, CLINKER, COMPLETELY WEATHERED

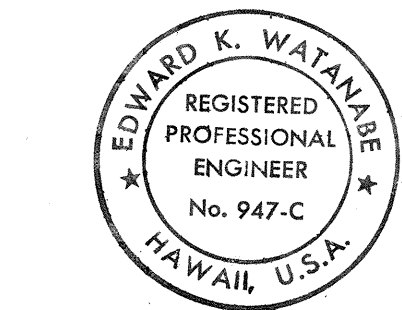
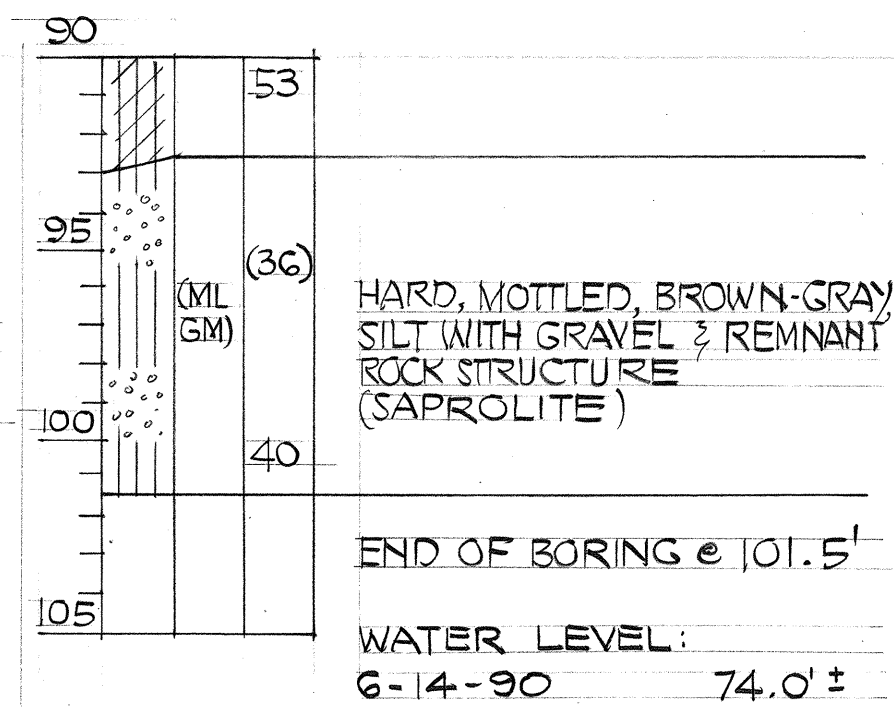
VERY SOFT, BROWN GRAY, BASALT, CLOSELY FRACTURED, COMPLETELY WEATHERED

END OF BORING @ 102'
7-25-90

WATER LEVEL:
8-1-90 76.6'



WATER LEVEL: 6-14-90



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HAWAII GEOTECHNICAL GROUP, INC.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1 (71)	1991	34	618

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS

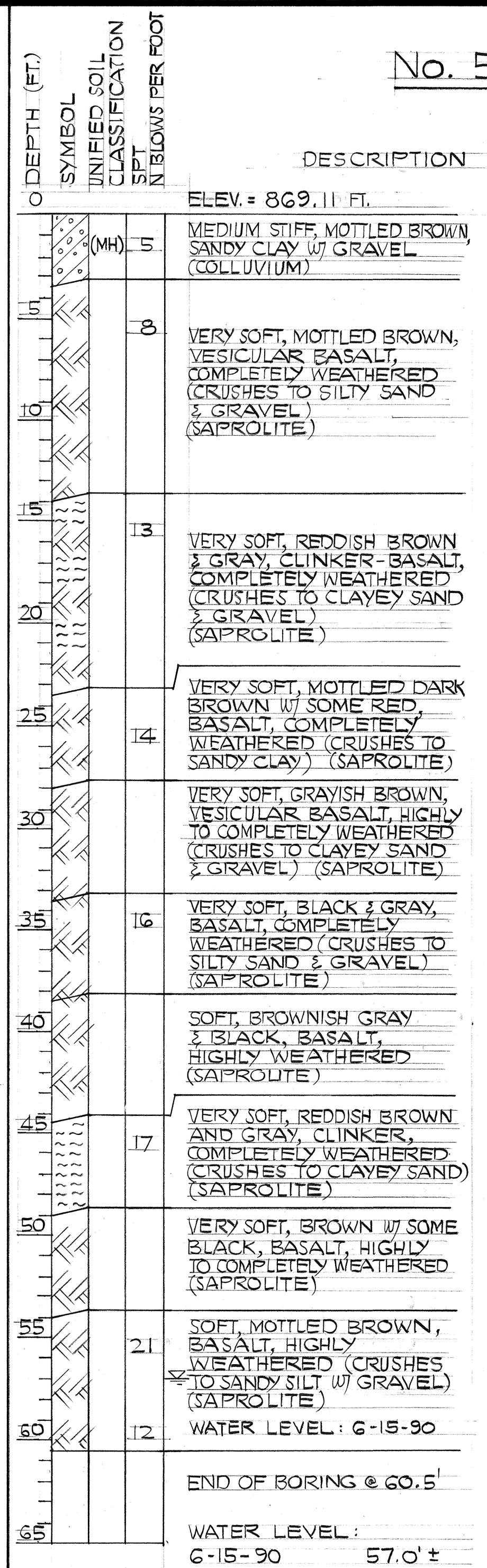
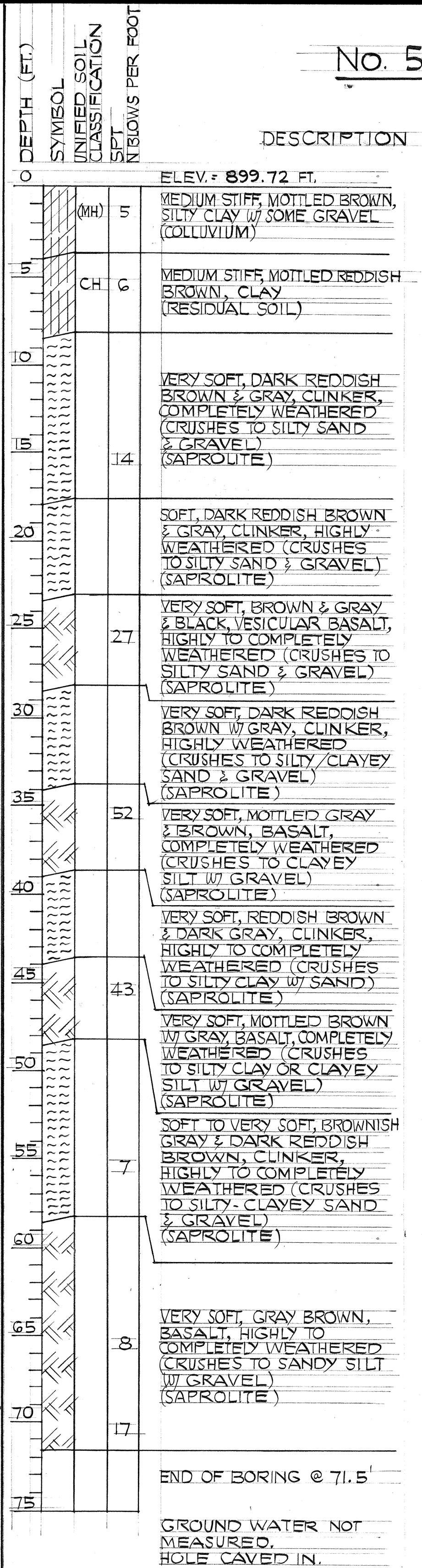
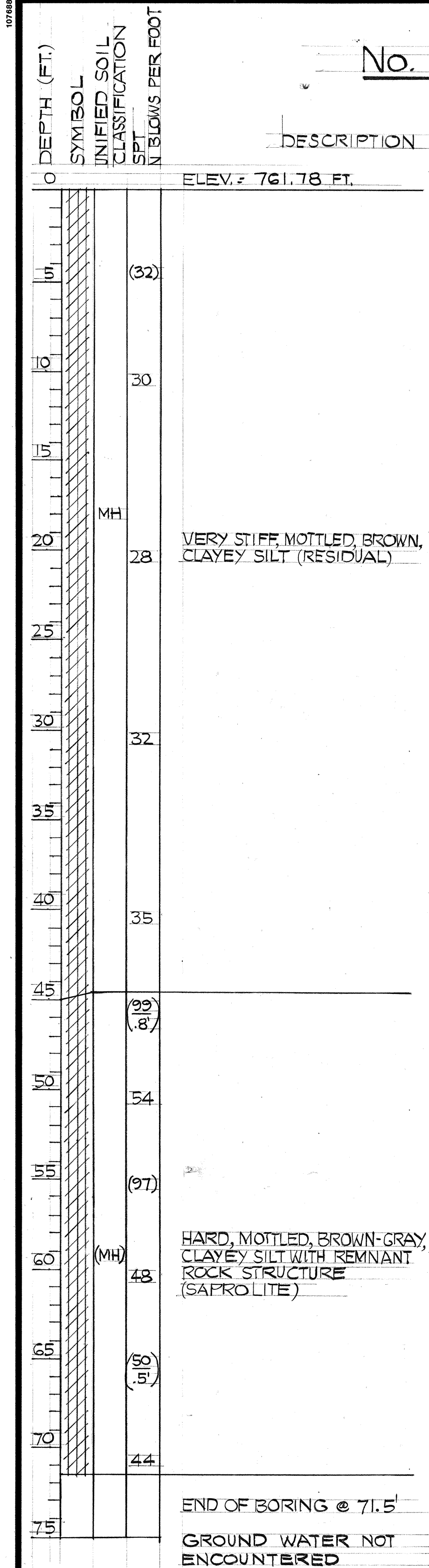
NO. 48, 49, 50

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1 (71)

DATE: APRIL 1991

SHEET No. 619 OF 26 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
NOTE BOOK	CHECKED BY	
	No.	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I- H3 - I (71)	1991	35	618



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS

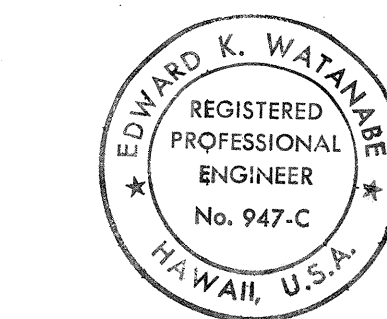
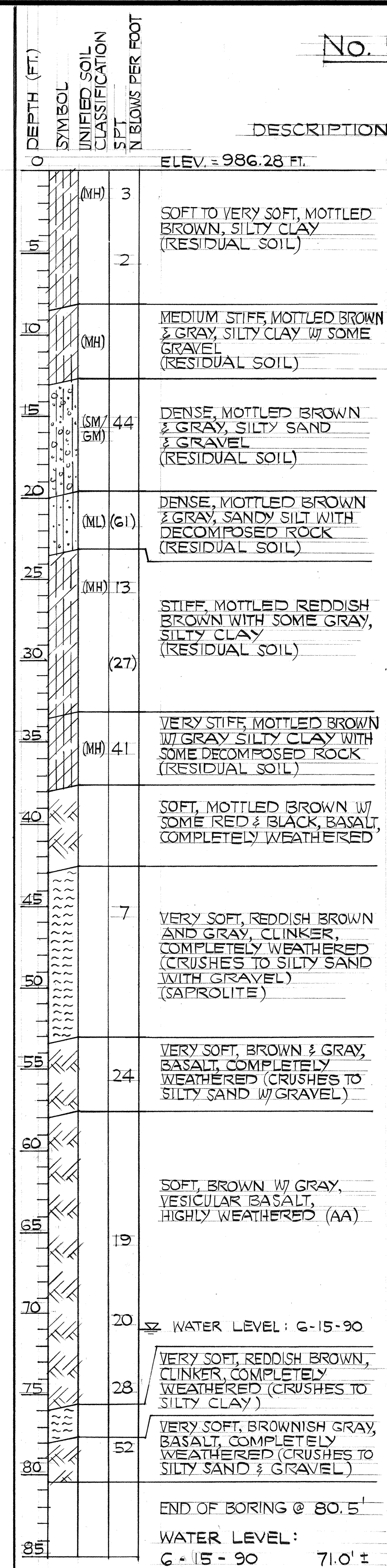
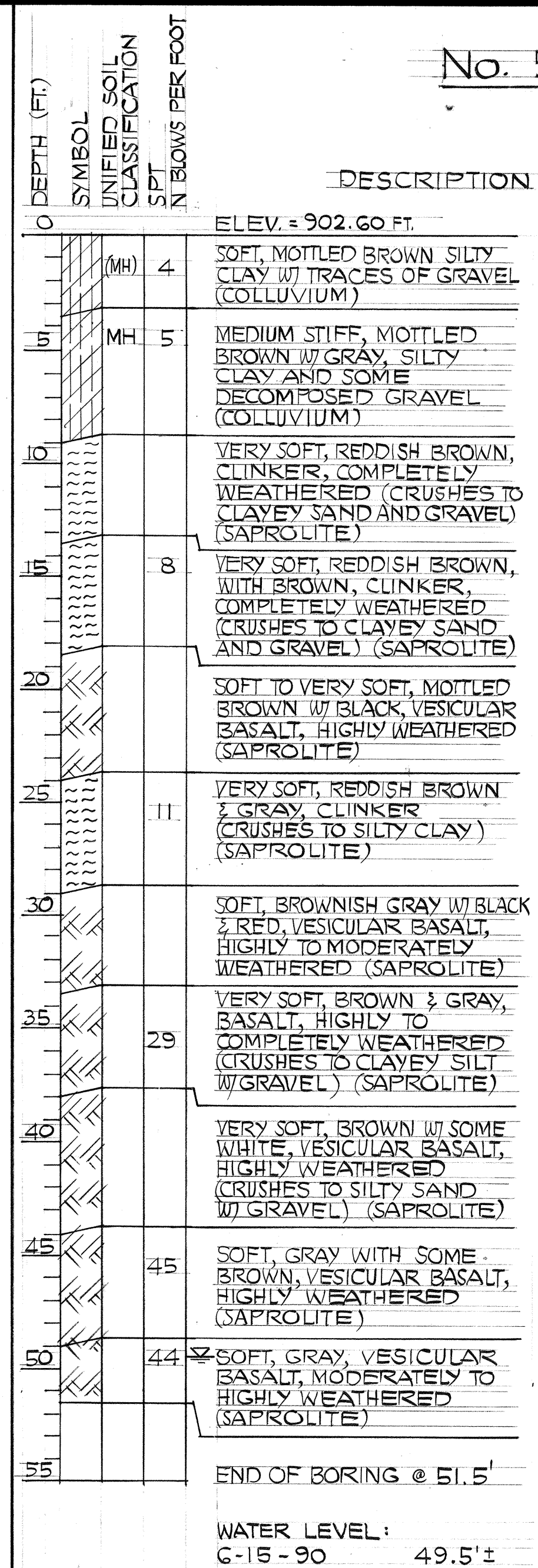
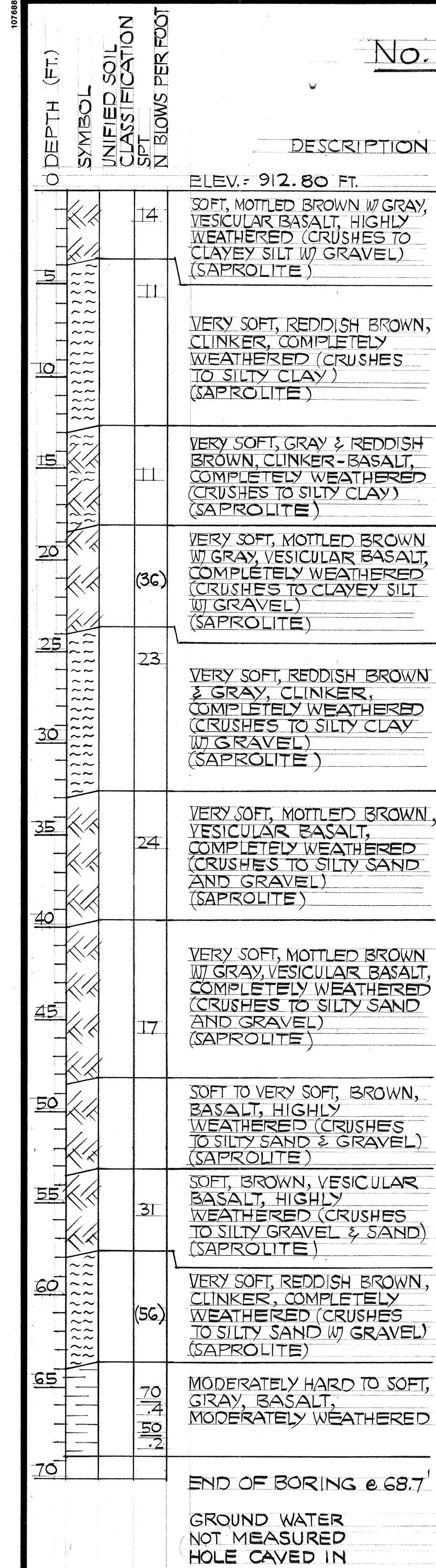
NO. 51, 52, 53

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I- H3-I (71)

DATE: APRIL 1991

SHEET NO. 620 OF 26 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NO. _____	DRAWN BY	_____
	TRACED BY	_____
	DESIGNED BY	_____
	QUANDED BY	_____
	CHECKED BY	_____



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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I - H3 - I (71)	1991	36	618

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

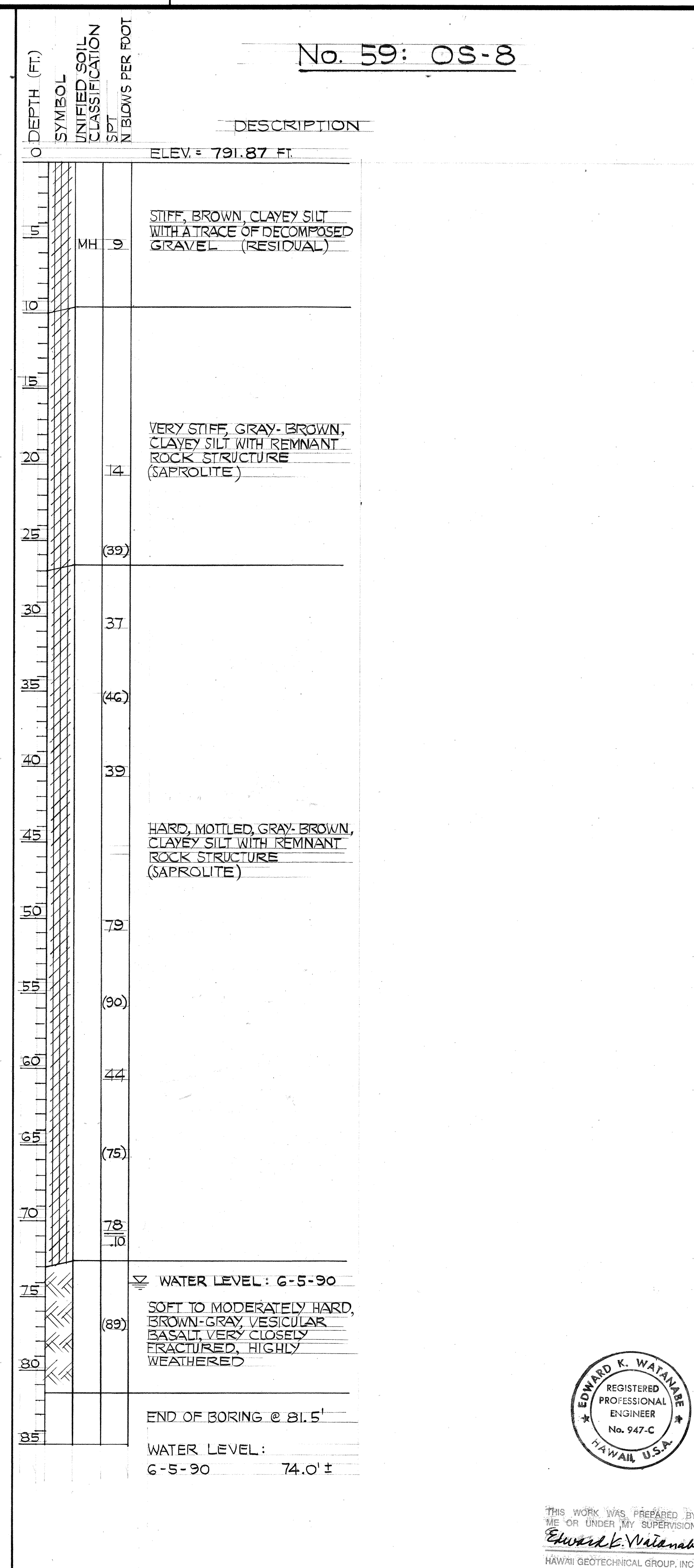
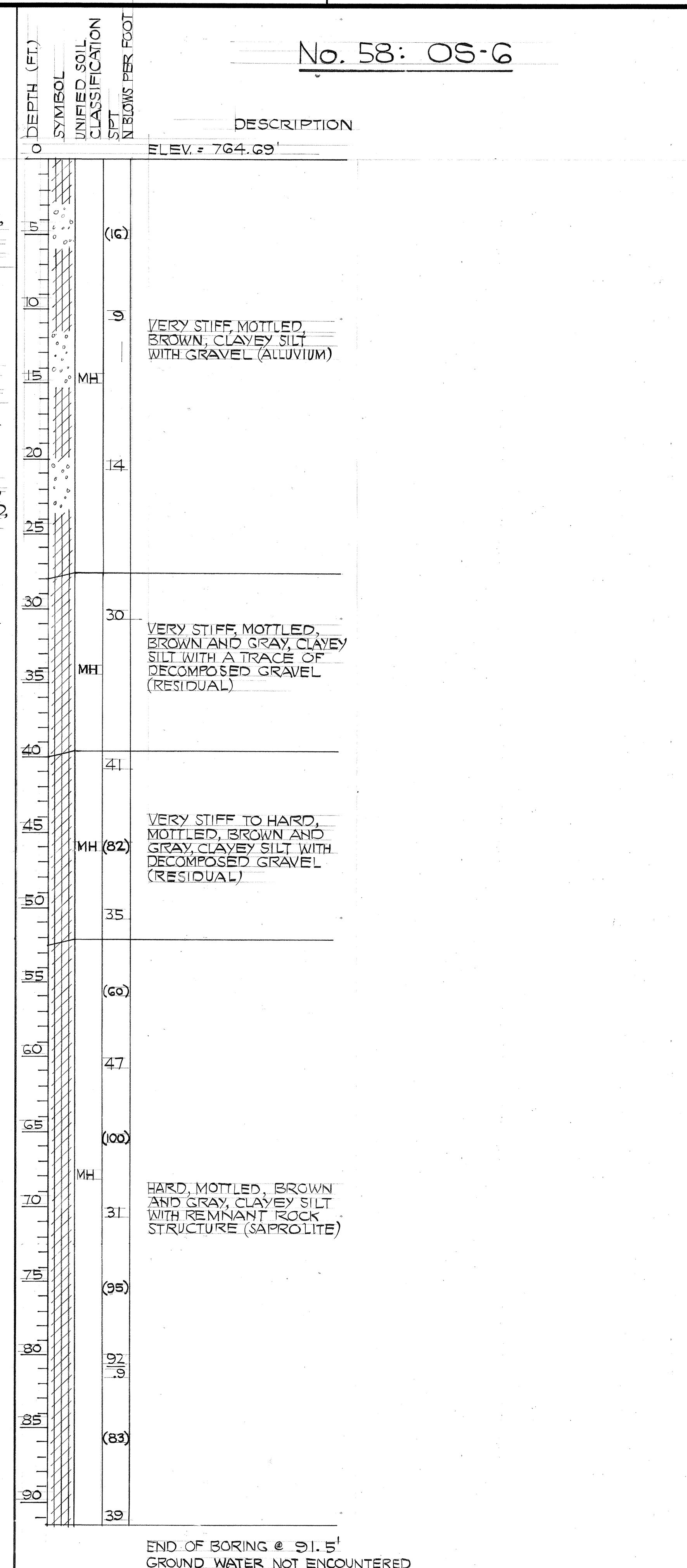
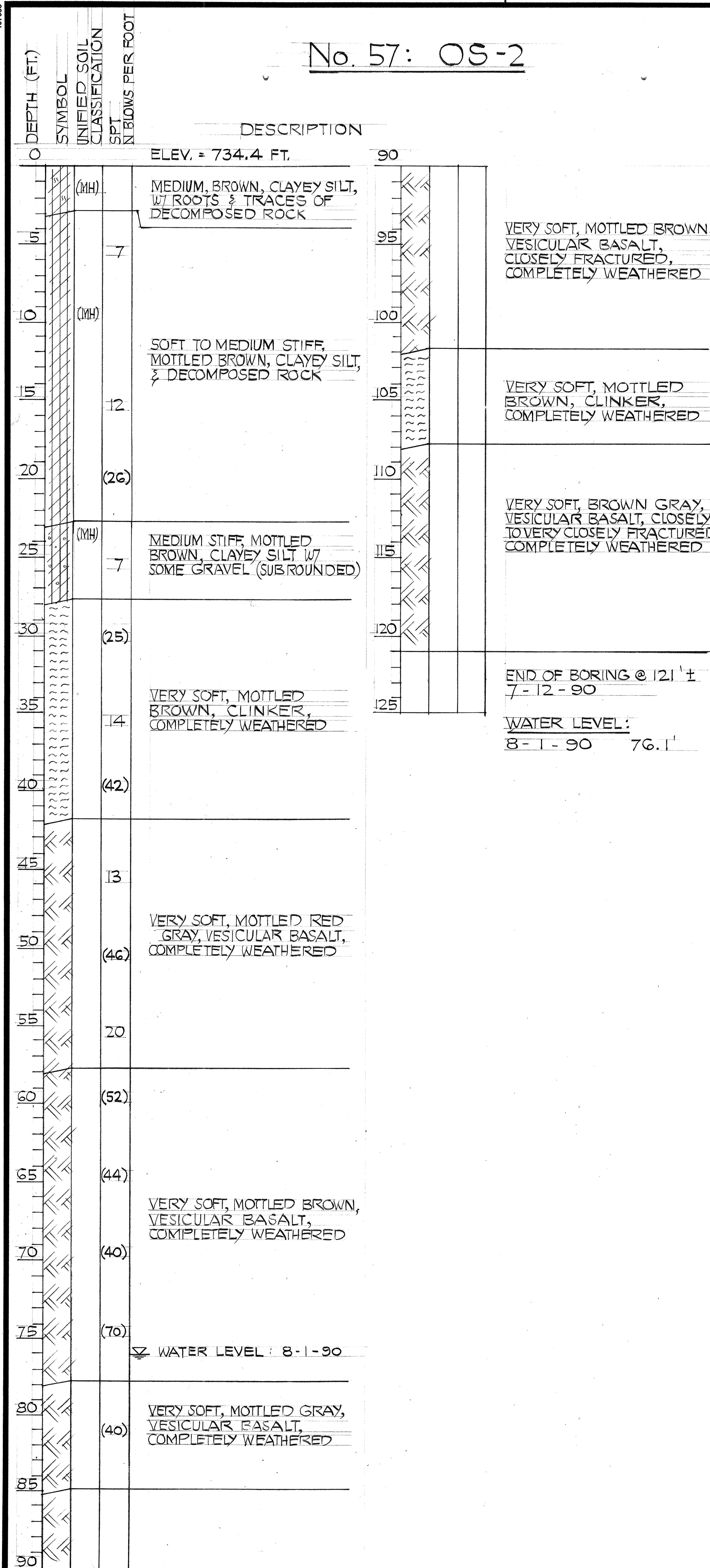
BORING LOGS

NO. 54, 55, 56

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-I (71)

DATE: APRIL 1991

SHEET NO. 6721 OF 26 SHEETS



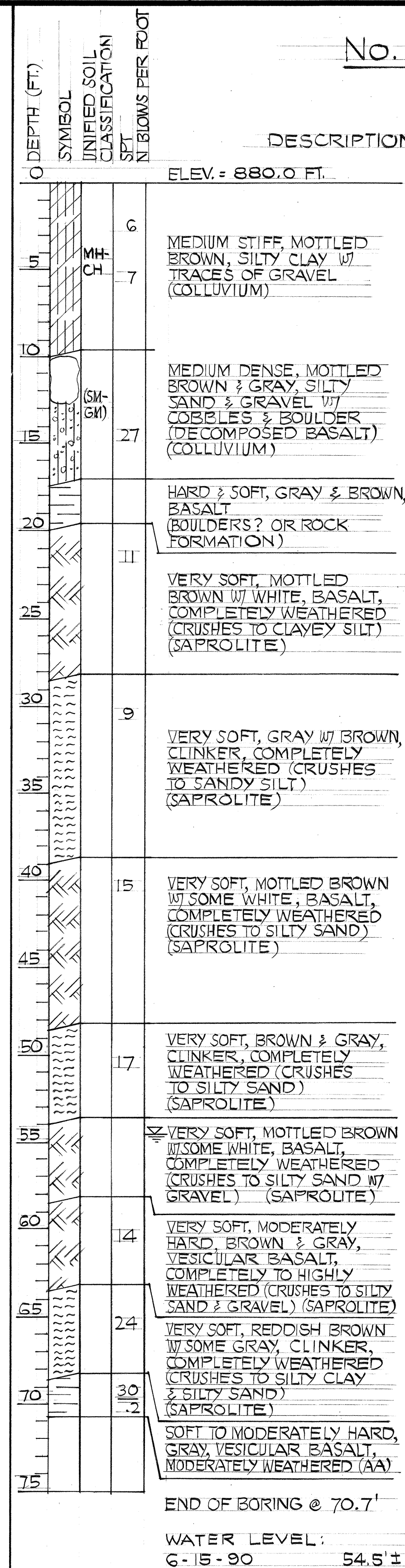
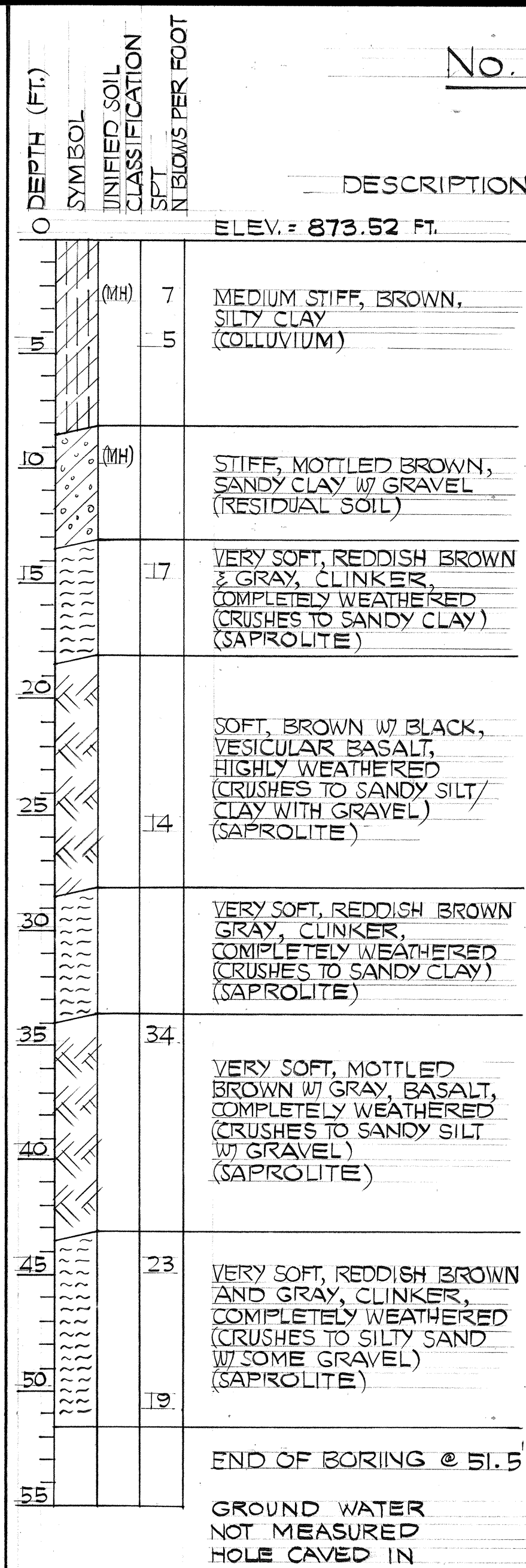
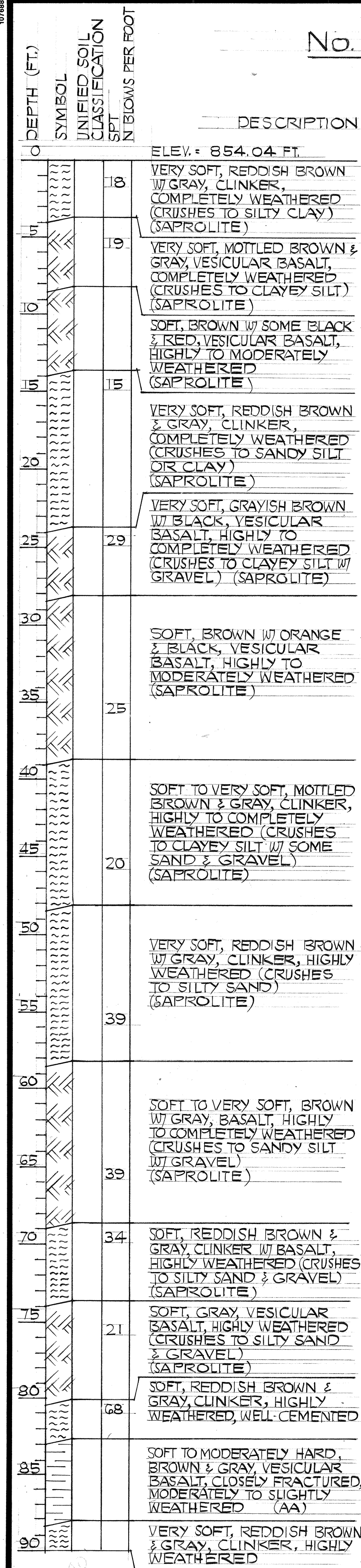
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS
NO.57,58, 59
INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1 (71)

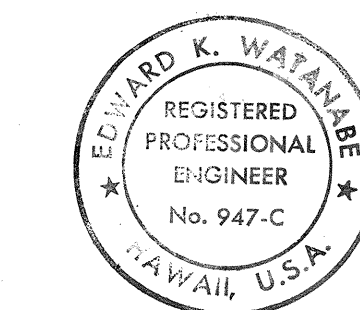
DATE: APRIL 1991

SHEET NO.6722 OF 26 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	TRACED BY	
	NOTED BY	
NO. _____	CHECKED BY	
	QUANTITIES BY	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I - H3 - 1 (71)	1991	38	618



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS

NO. 60, 61, 62

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. 1-H3-1 (71)

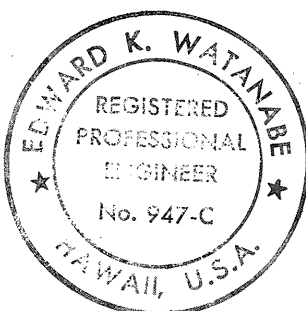
DATE: APRIL 1991
SHEET NO. 6123 OF 26 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
NO.	QUANTITIES BY	
	CHECKED BY	

DEPTH (FT.)	SYMBOL	UNIFIED SOIL CLASSIFICATION	DESCRIPTION
0			ELEV. =
5	(MH)	5	MEDIUM STIFF, MOTTLED BROWN, SILTY CLAY w/ TRACES OF GRAVEL (COLLUVIUM)
10	MH	3	SOFT, MOTTLED BROWN, SILTY CLAY w/ DECOMPOSED GRAVEL (COLLUVIUM)
15		6	VERY SOFT, MOTTLED BROWN w/ BLACK, VESICULAR BASALT, COMPLETELY WEATHERED (CRUSHES TO CLAYEY SILT w/ GRAVEL) (SAPROLITE)
20			SOFT, MOTTLED BROWN w/ BLACK, VESICULAR BASALT, HIGHLY WEATHERED (CRUSHES TO SILTY SAND & GRAVEL) (SAPROLITE)
25		21	VERY SOFT, REDDISH BROWN, CLINKER, COMPLETELY WEATHERED (CRUSHES TO SILTY CLAY) (SAPROLITE)
30			SOFT, GRAY-BROWN, BASALT, HIGHLY TO COMPLETELY WEATHERED (CRUSHES TO SILTY SAND & GRAVEL) (SAPROLITE)
35		3G	SOFT TO VERY SOFT, MOTTLED BROWN w/ GRAY AND RED, VESICULAR BASALT, COMPLETELY WEATHERED (CRUSHES TO CLAYEY SILT w/ SAND) (SAPROLITE)
40			SOFT, BROWN AND GRAY, VESICULAR BASALT, HIGHLY WEATHERED (SAPROLITE)
45		13	VERY SOFT, DARK GRAY & REDDISH BROWN, CLINKER, COMPLETELY WEATHERED (CRUSHES TO SILTY SAND & GRAVEL) (SAPROLITE)
50			VERY SOFT, GRAY-BROWN WITH BLACK, VESICULAR BASALT, HIGHLY TO COMPLETELY WEATHERED (CRUSHES TO SILTY SAND & GRAVEL) (SAPROLITE)
55		13	VERY SOFT, DARK GRAY & REDDISH BROWN, CLINKER, COMPLETELY WEATHERED (CRUSHES TO SILTY /CLAYEY SAND & SOME GRAVEL) (SAPROLITE)
60		13	
65			END OF BORING @ 60.5'
65			GROUND WATER NOT MEASURED HOLE CAVED IN

No. 63: OS-16

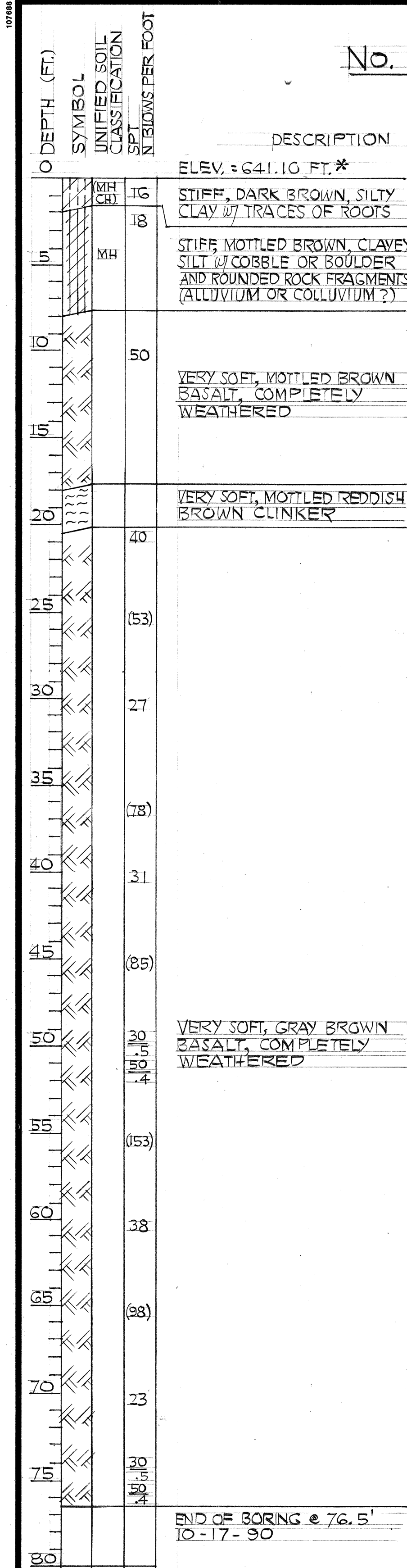
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I - H 3 - I (71)	1991	39	618



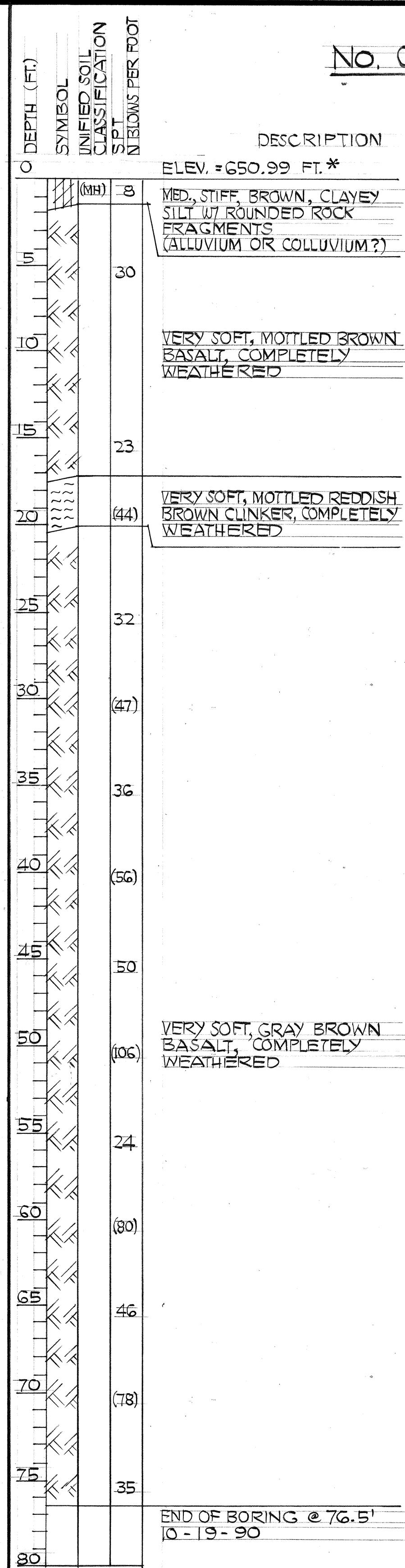
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STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
BORING LOGS
NO. 63
INTERSTATE ROUTE H-3 F.A.I. PROJ. NO. I-H3-1 (71)
DATE: APRIL 1991
SHEET No. 6124 OF 26 SHEETS

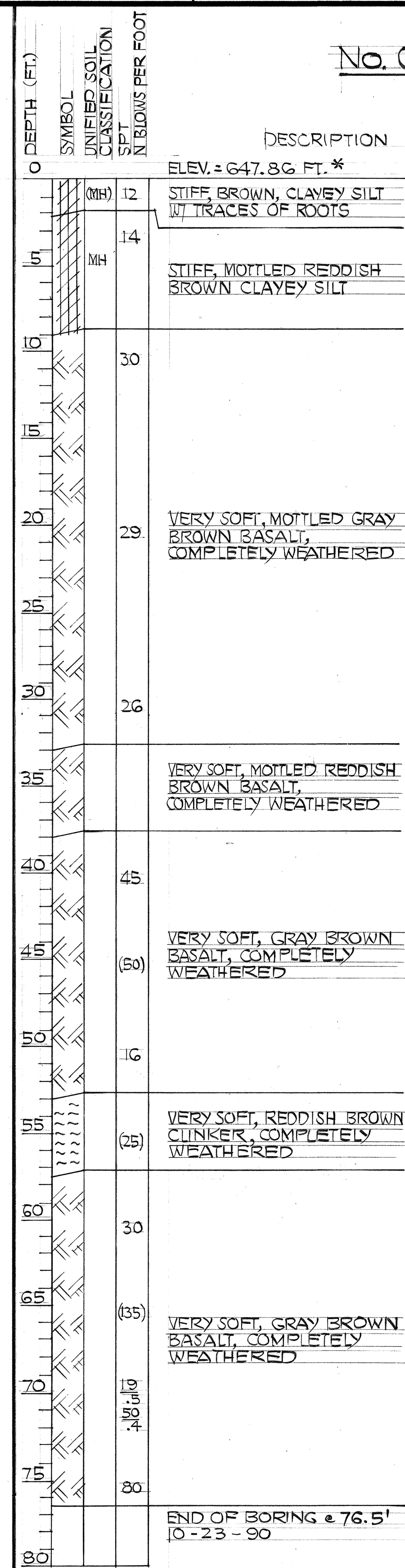
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	



*ELEVATION FROM TOPOGRAPHIC SURVEY BY R.M. TOWILL CORP. DATED MAY 9, 1989



*ELEVATION FROM TOPOGRAPHIC SURVEY BY R.M. TOWILL CORP. DATED MAY 9, 1989



*ELEVATION FROM TOPOGRAPHIC SURVEY BY R.M. TOWILL CORP. DATED MAY 9, 1989



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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I- H3 - I (71)	1991	40	618

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS

NO. 64, 65, 66

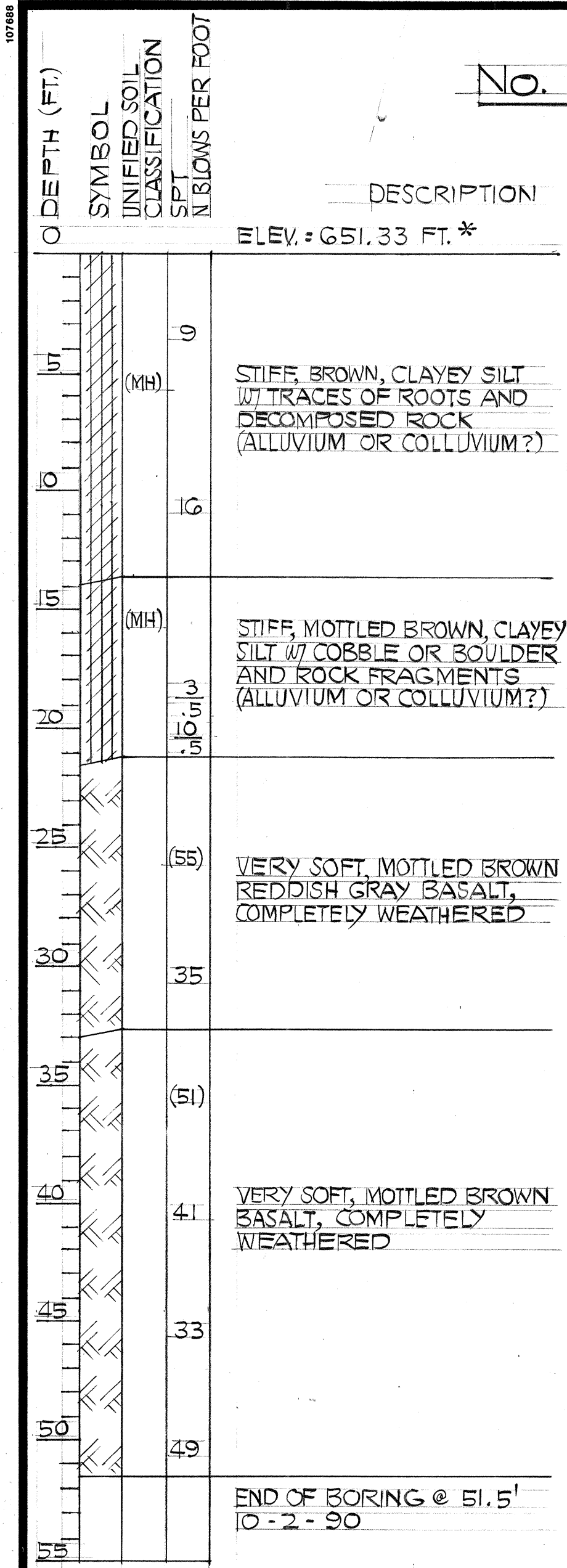
INTERSTATE ROUTE H-3

F.A.I. PROJ. NO. I- H3-1 (71)

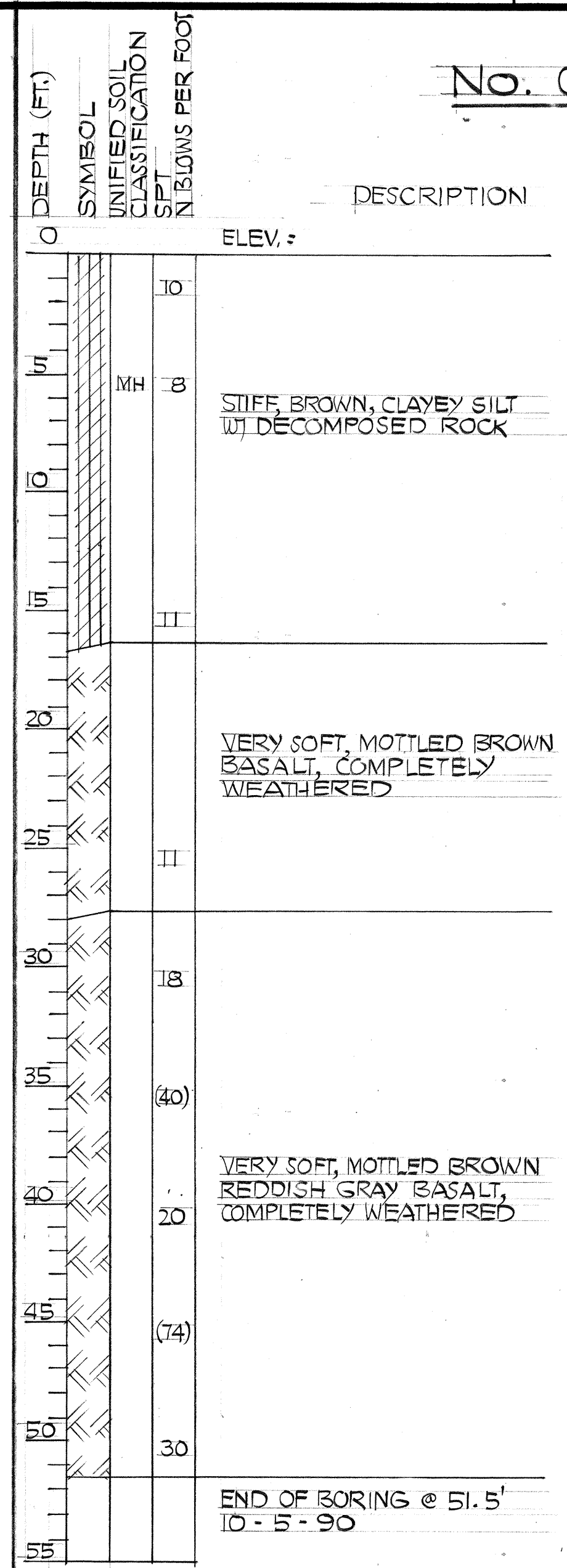
DATE: APRIL 1991

SHEET No. 625 OF 26 SHEETS

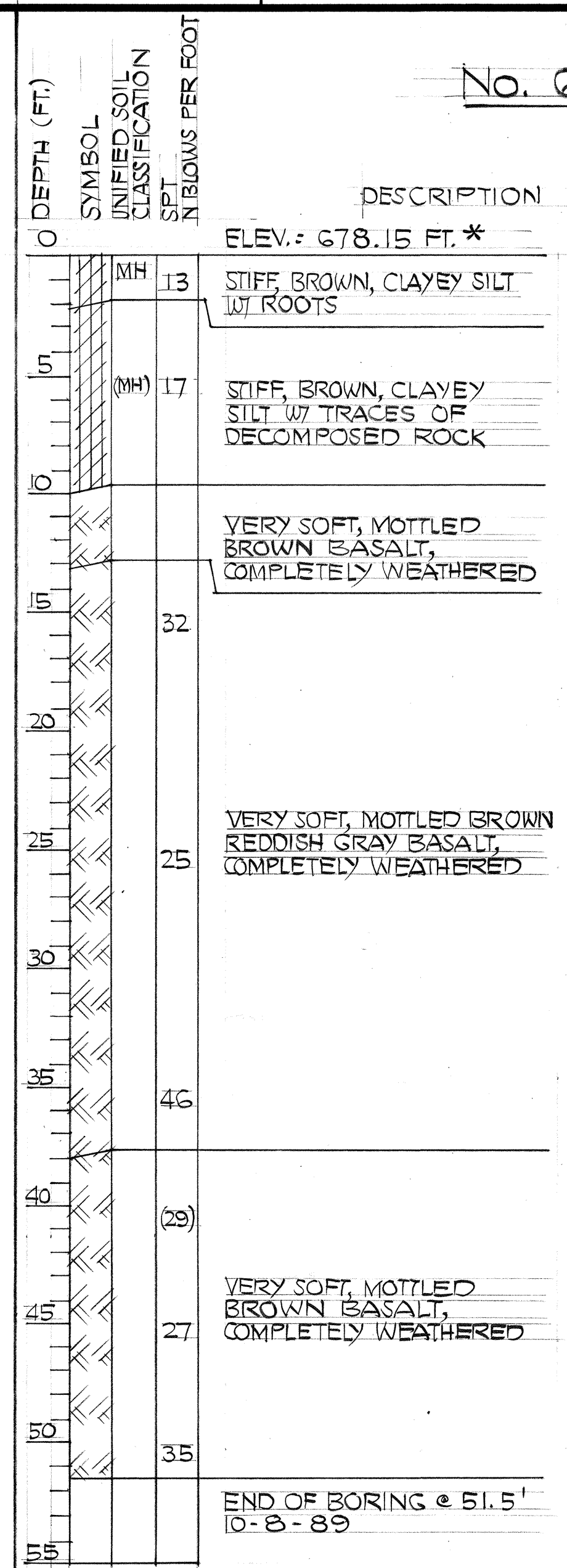
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	



* ELEVATION FROM TOPOGRAPHIC SURVEY BY R.M. TOWILL CORP. DATED MAY 9, 1989

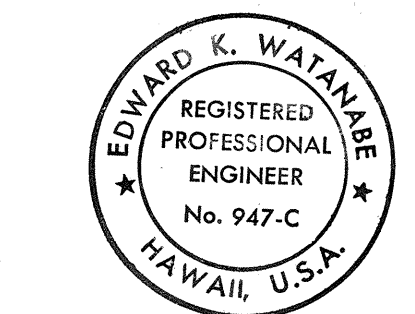


* ELEVATION FROM TOPOGRAPHIC SURVEY BY R.M. TOWILL CORP. DATED MAY 9, 1989



* ELEVATION FROM TOPOGRAPHIC SURVEY BY R.M. TOWILL CORP. DATED MAY 9, 1989

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I - H3 - 1 (71)	1991	41	618



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HAWAII GEOTECHNICAL GROUP, INC.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS

NO. 67, 68, 69

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1 (71)

DATE: APRIL 1991
SHEET NO. 6726 OF 26 SHEETS