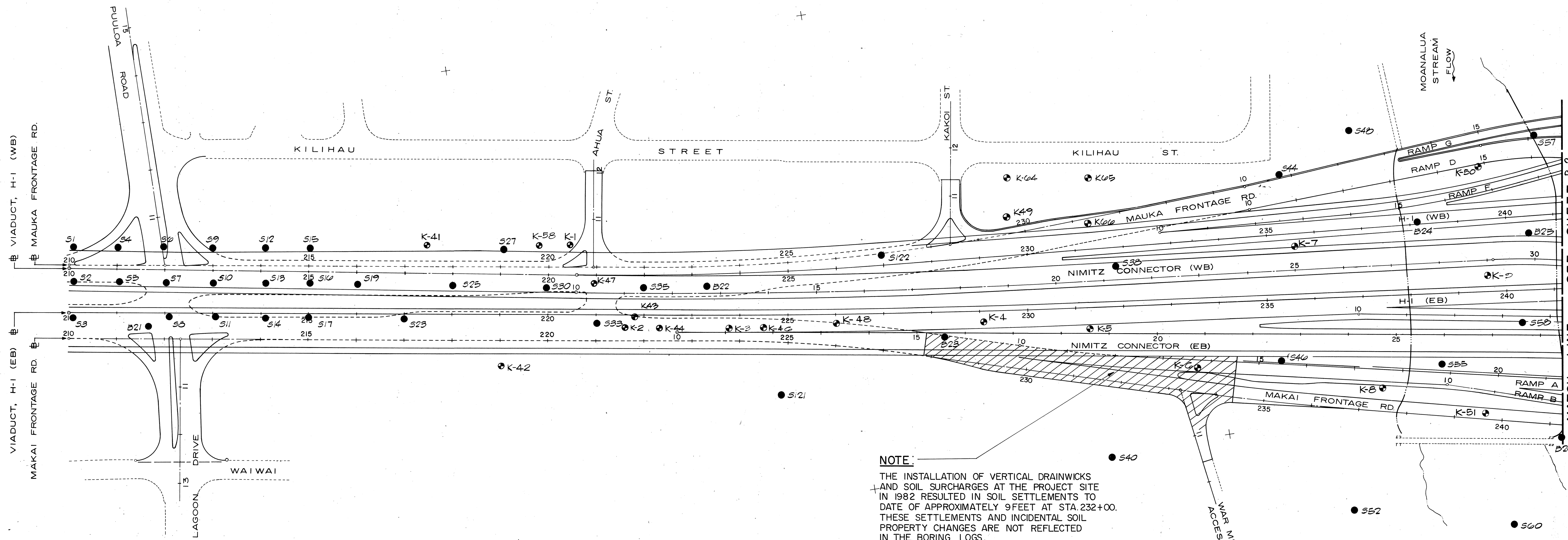


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(210):17	1990	22	65

TRUE NORTH
SCALE: 1"=100'



NOTE:
THE INSTALLATION OF VERTICAL DRAINWICKS AND SOIL SURCHARGES AT THE PROJECT SITE IN 1982 RESULTED IN SOIL SETTLEMENTS TO DATE OF APPROXIMATELY 9 FEET AT STA. 232+00. THESE SETTLEMENTS AND INCIDENTAL SOIL PROPERTY CHANGES ARE NOT REFLECTED IN THE BORING LOGS.

LEGEND
 — VIADUCT STRUCTURE
 - - - - - BELOW VIADUCT ON GRADE
 - - - - - EXISTING

BORING LOCATIONS
 • "B" SERIES BORINGS DRILLED IN 1967
 • "S" SERIES BORINGS DRILLED IN 1970
 • "K" SERIES BORINGS DRILLED IN 1974

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
 KEEOH INTERCHANGE
 BORING LOCATION PLAN

INTERSTATE ROUTE H-1
 PROJECT NO. IR-HI-1(210):17

SCALE: 1"=100' DATE: 5/1/88

SHEET No. B-1 OF B-14 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H-1(210):17	1990	24	65

GENERAL NOTES
AND LEGEND FOR
S & B BORINGS

S-24 - BORING NUMBER

0.2' - ORIGINAL GROUND SURFACE ELEVATION

Nx 92% PERCENT OF ROCK CORE RUN RECOVERED

SH. SHELBY TUBE
HYD. HYDRAULICALLY PRESSED

WATER LEVEL

N - NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30" PER FOOT OF PENETRATION OF SAMPLER EITHER SPLIT SPOON (2" O.D. 1 3/8" I.D.) OR SHELBY TUBE (SH). WHERE SH. IS NOT LISTED, USE OF SPLIT SPOON SAMPLER IS UNDERSTOOD.

SOIL SYMBOLS REPRESENT A GENERALIZED CLASSIFICATION. FOR INSTANCE, "TRACE" QUANTITIES ARE NOT DEPICTED IN GRAPHIC LOG. THE PENETRATION OF DENSITIES OF GRANULAR MATERIALS (LOOSE, MEDIUM, ETC.) AND CONSISTENCIES OF COHESIVE SOILS (SOFT, FIRM, STIFF, ETC.) ARE NOT SHOWN OTHER THAN THE N VALUES GIVEN AT SPECIFIC DEPTHS. SOIL COLORS ARE NOT GIVEN. SEE INSPECTORS LOGS FOR DETAILED CLASSIFICATION. INSPECTORS LOGS AND LABORATORY TEST DATA ARE AVAILABLE FOR CONTRACTORS USE UPON REQUEST.

BORING LOGS AND TEST DATA ARE SUPPLIED FOR THE CONVENIENCE OF BIDDERS ONLY AND THEIR USE IS SUBJECT TO ALL THE CONDITIONS AND LIMITATIONS SET FORTH IN SUBSECTION 102.05 OF THE STANDARD SPECIFICATIONS.

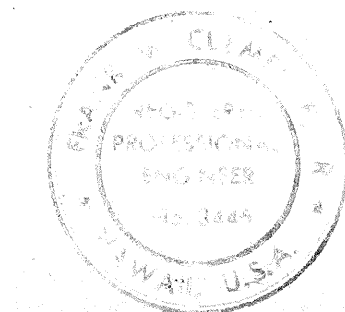
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEEHI INTERCHANGE
BORING LOGS

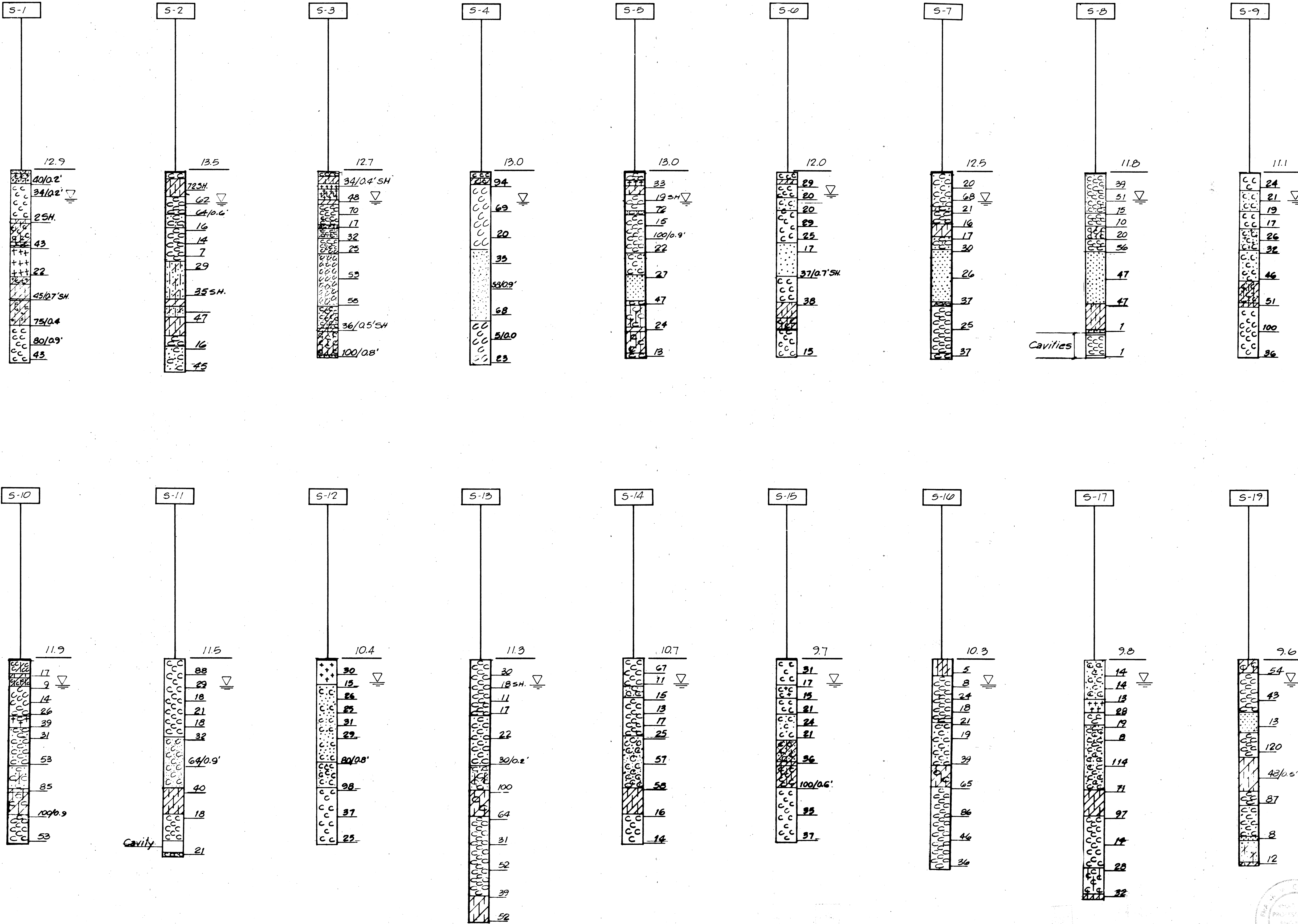
INTERSTATE ROUTE H-1
PROJECT NO. IR-H-1 (210):17

SCALE: 1"=20' VERT. DATE: 4/30/81

SHEET No. B-3 OF B-14 SHEETS

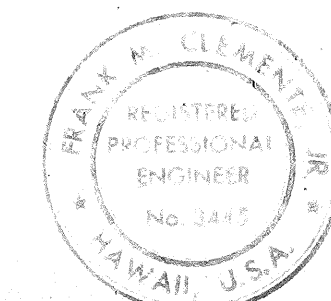
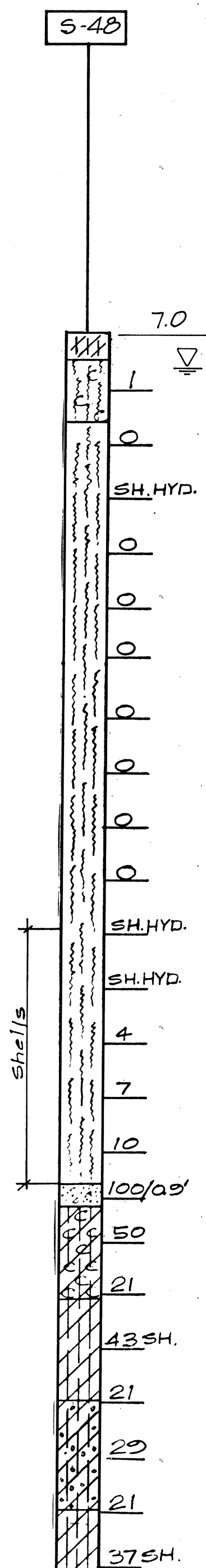
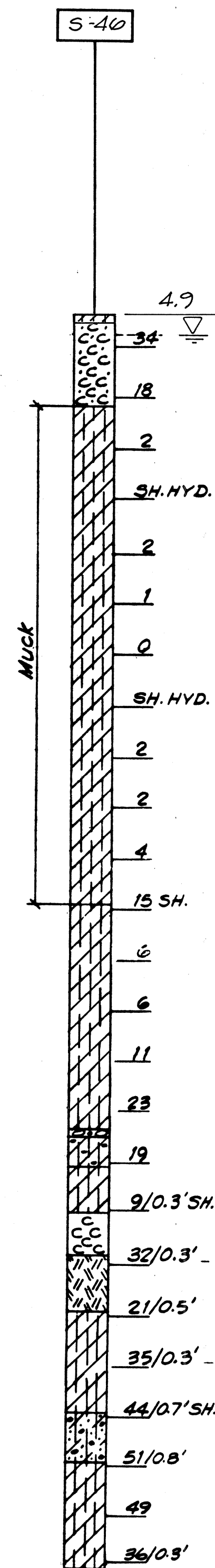
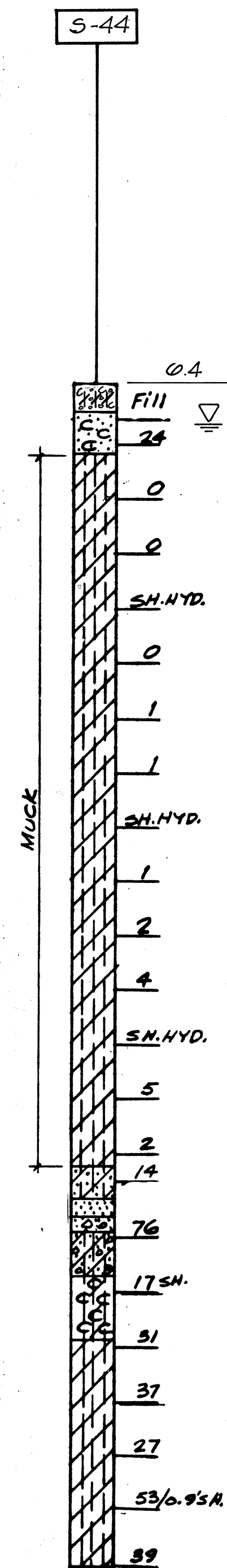
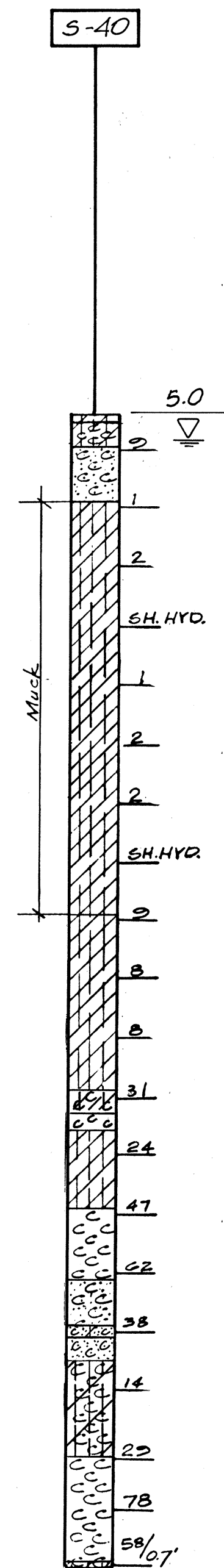
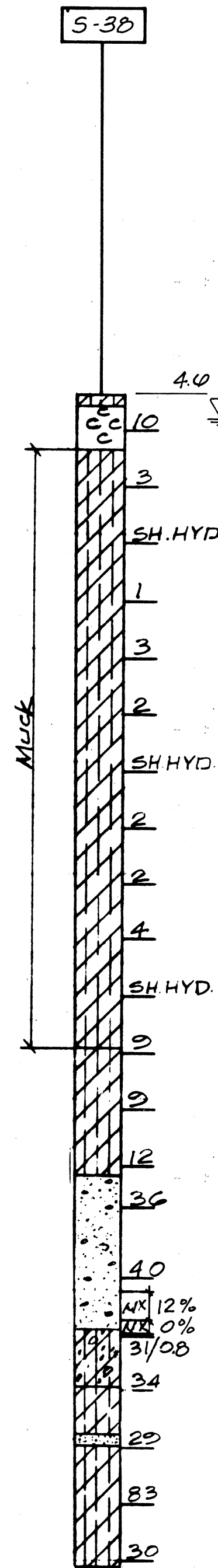
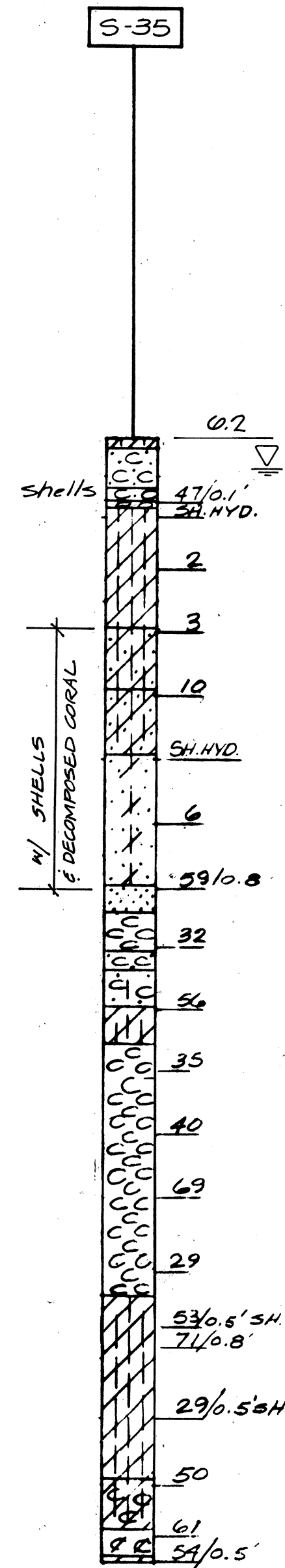
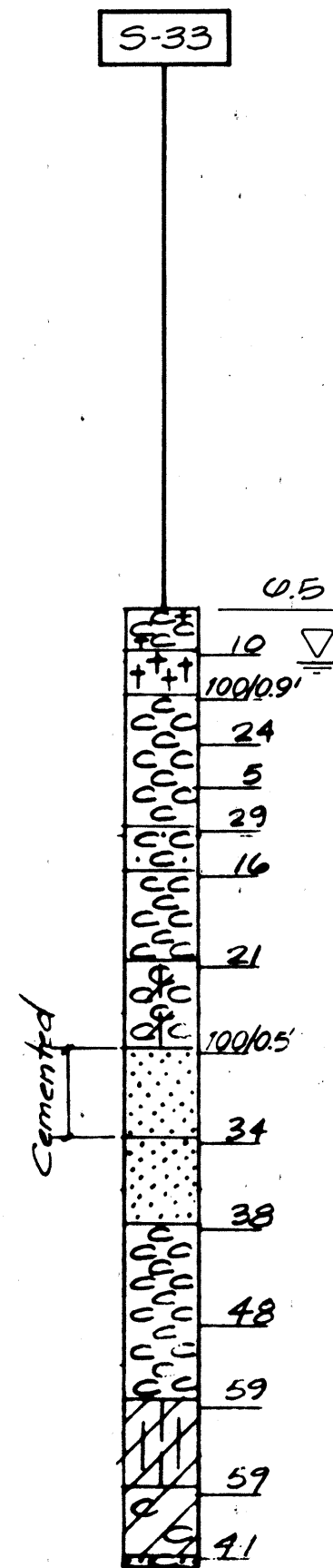
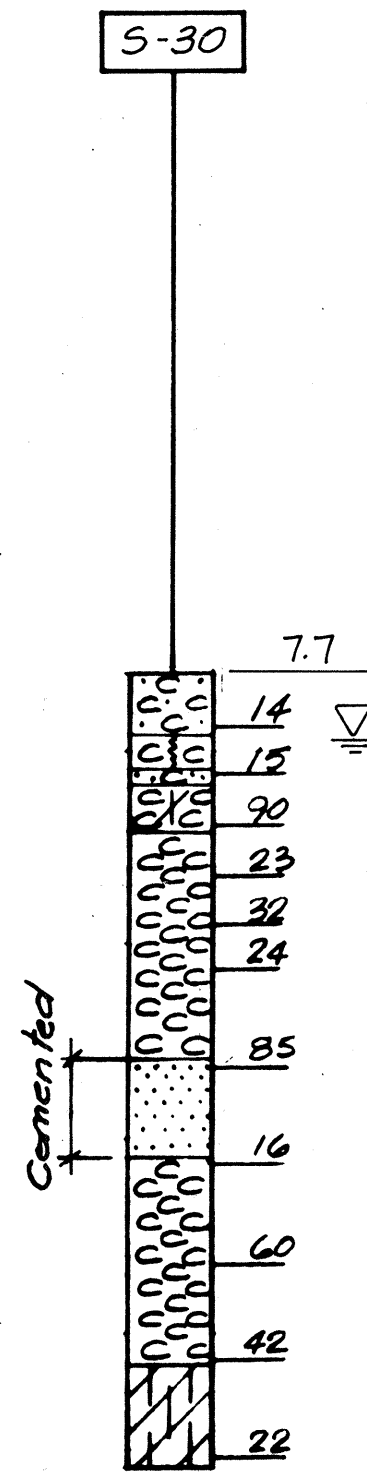
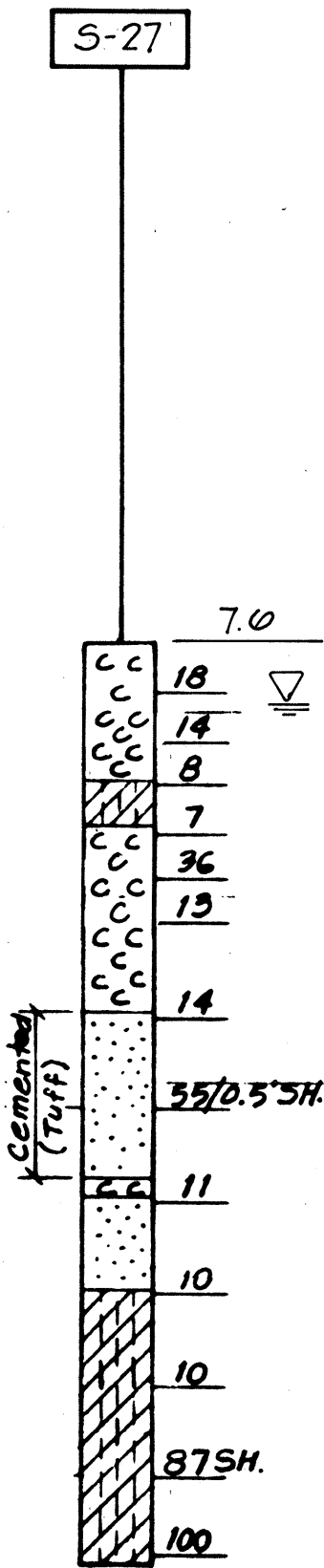
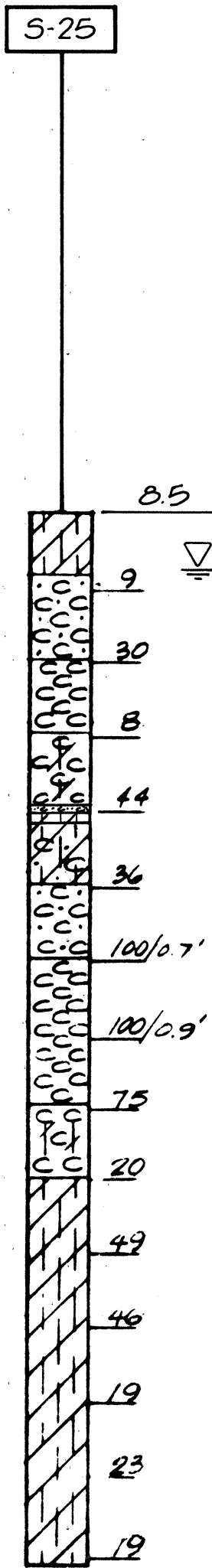
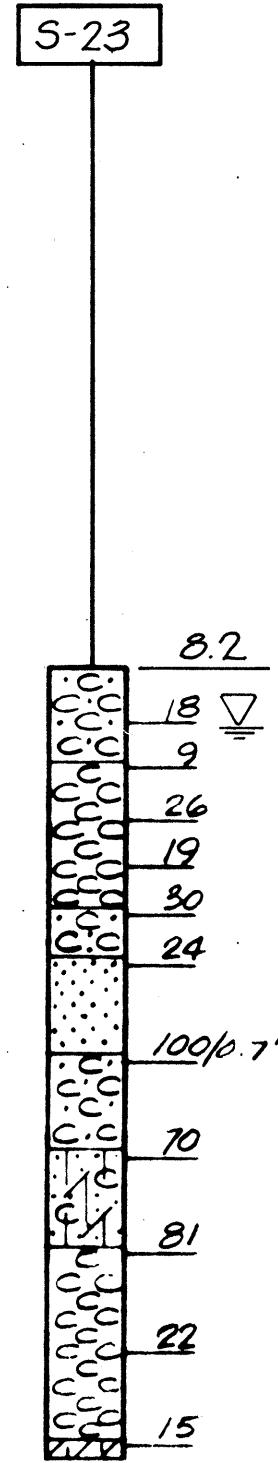


Frank M. Clements



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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI(210)17	1990	25	65



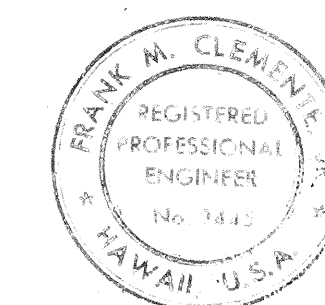
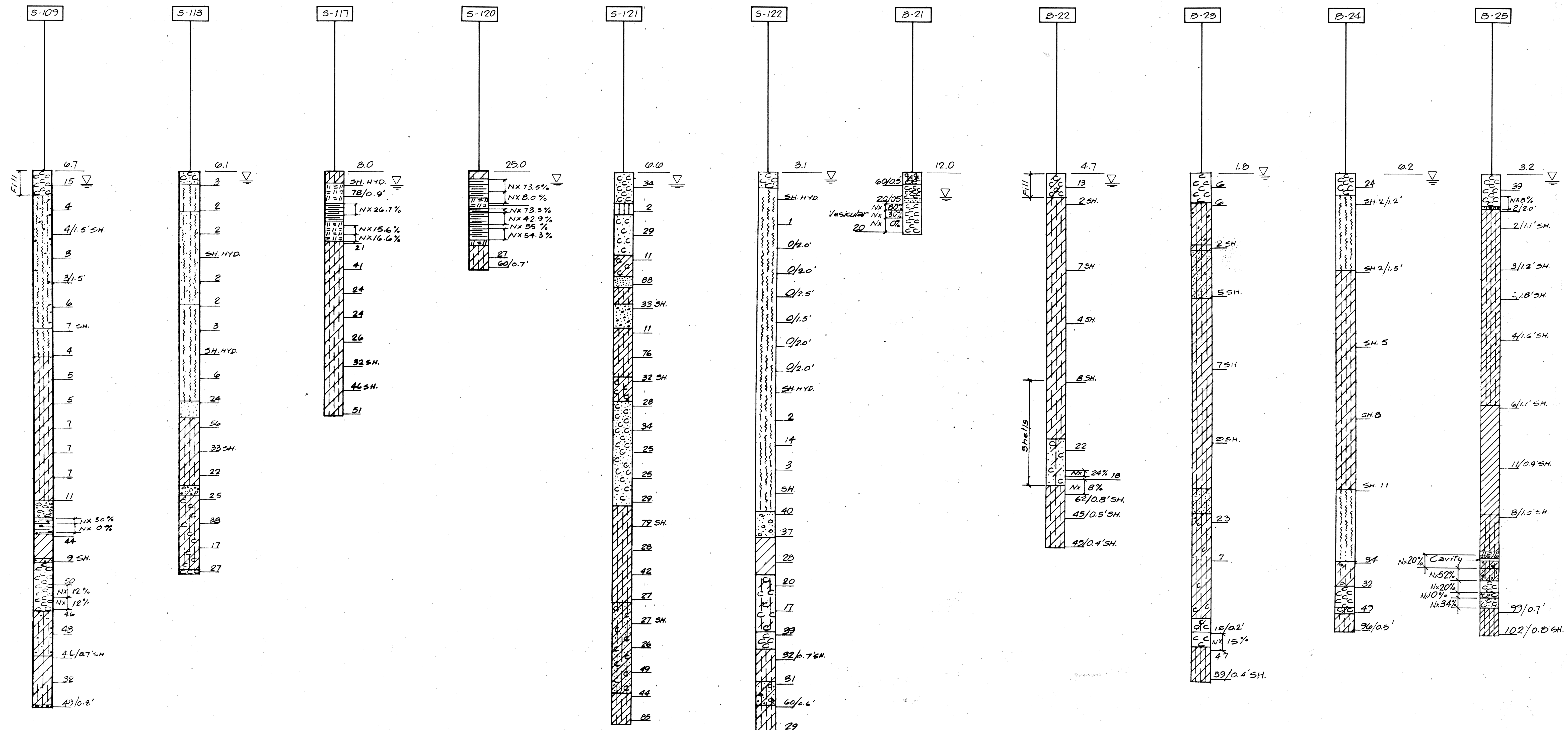
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEEHI INTERCHANGE
BORING LOGS

INTERSTATE ROUTE H-1
PROJECT NO. IR-HI-1(210)17
SCALE: 1"=20' VERT. DATE: 4/30/81
SHEET NO. B-4 OF B-14 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H-1(210):17	1990	28	65



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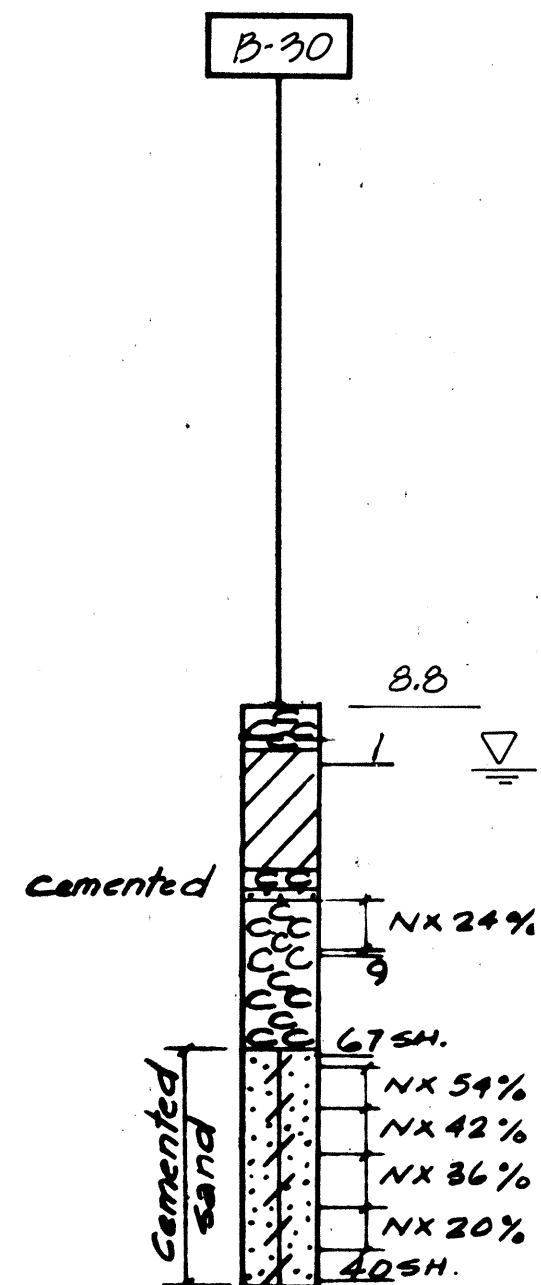
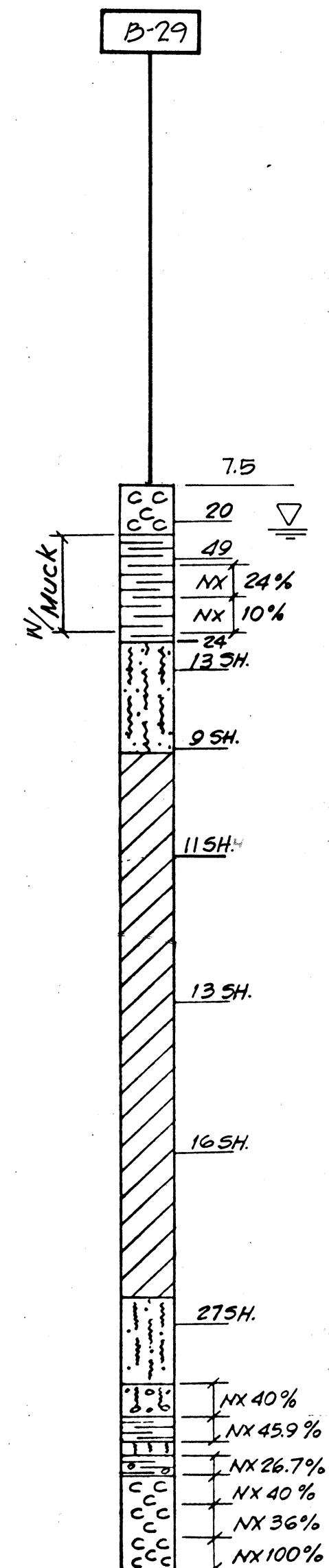
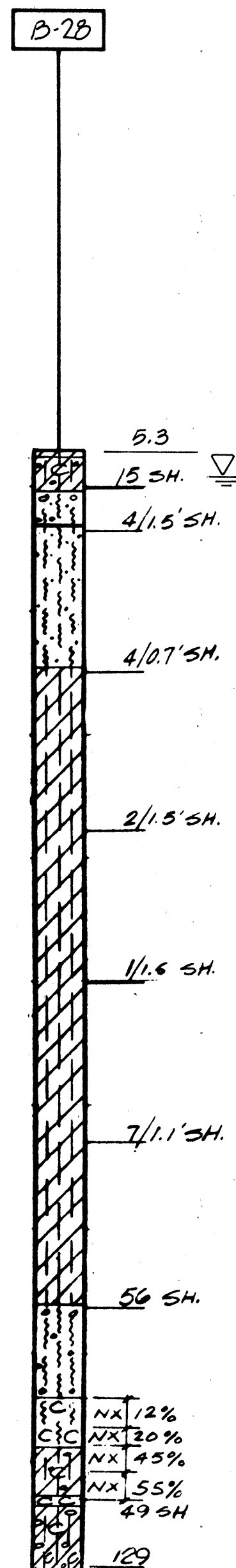
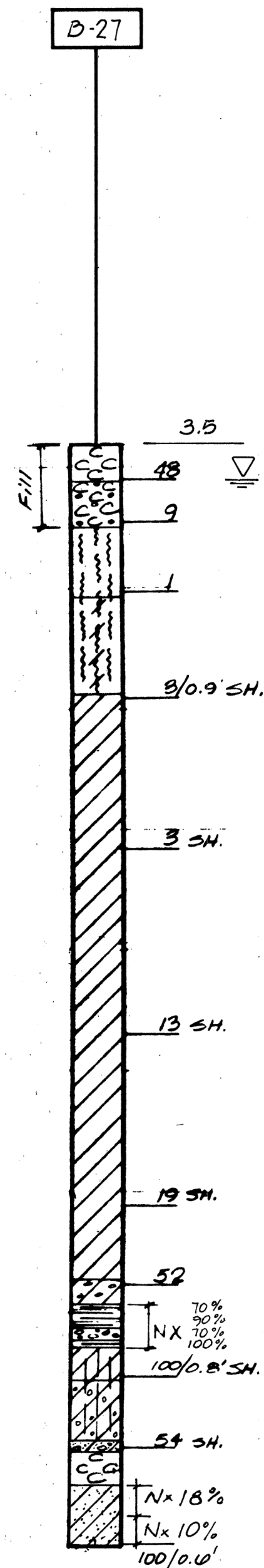
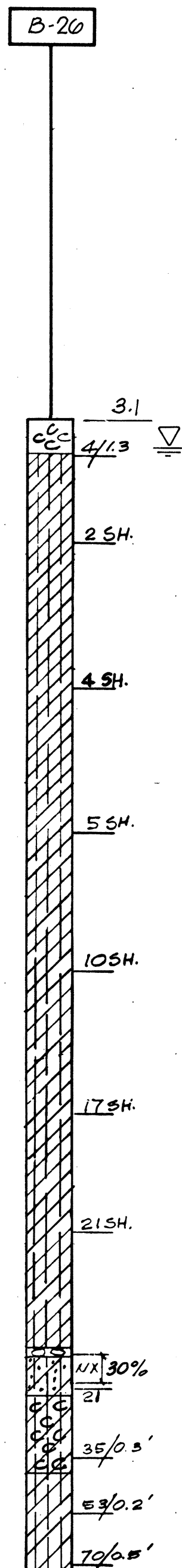
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

**KEEHI INTERCHANGE
 BORING LOGS**

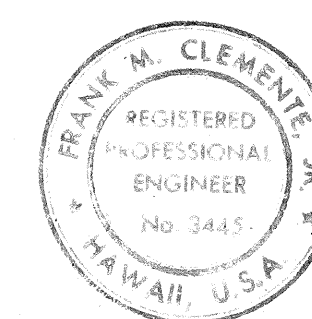
INTERSTATE ROUTE H-1
 PROJECT NO. IR-H-1(210):17
 SCALE: 1"=20' VERT. DATE: 4/30/81
 SHEET NO. B-7 OF B-14 SHEETS

SURVEY PLOTTED BY	DATE
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.	IR-HI-1(210):17	1990	29	65



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



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEEHI INTERCHANGE BORING LOGS

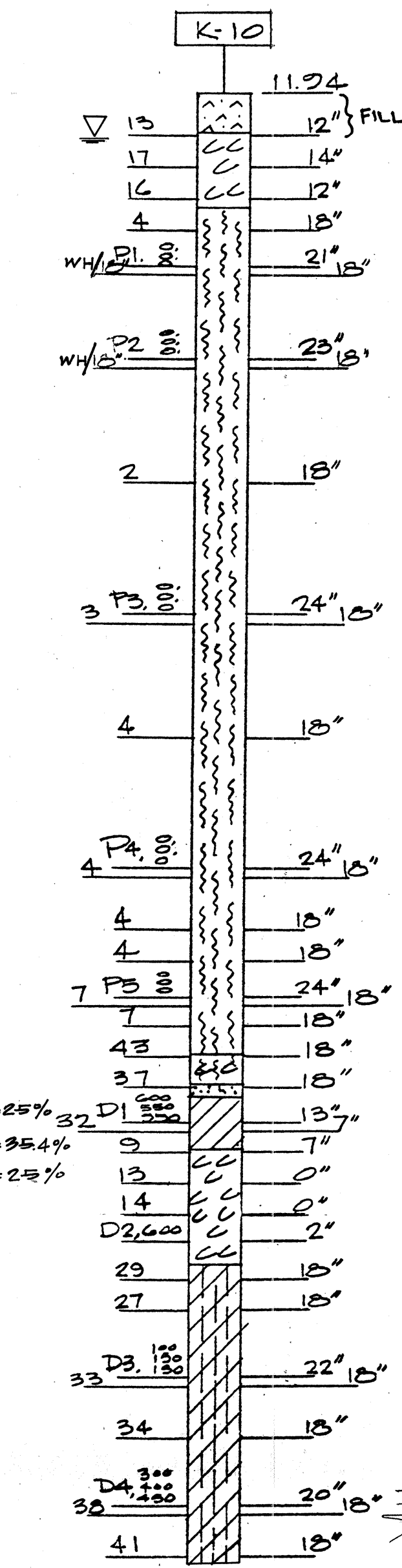
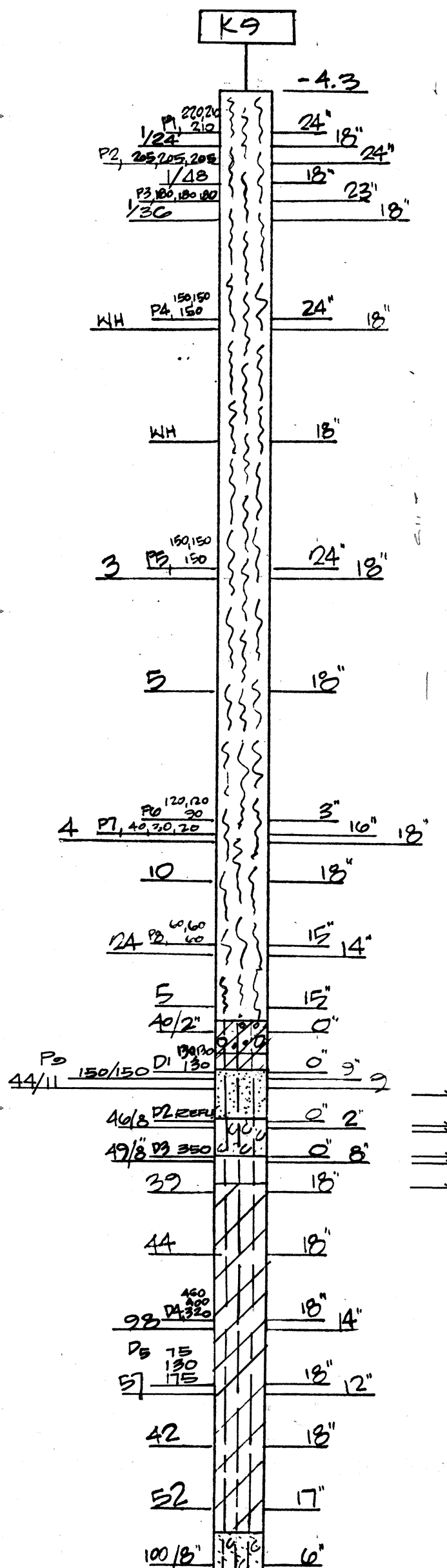
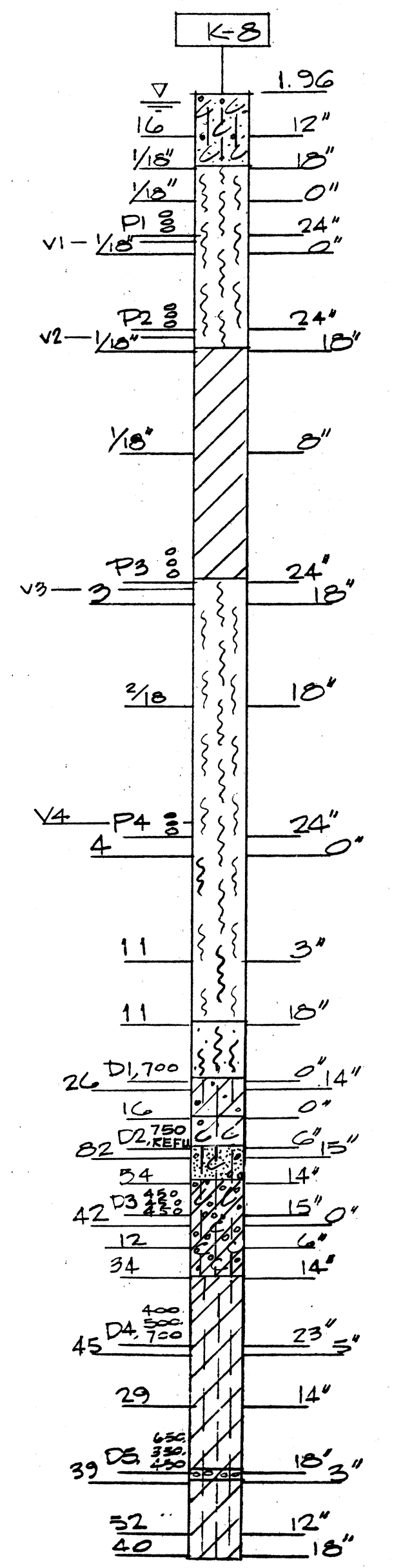
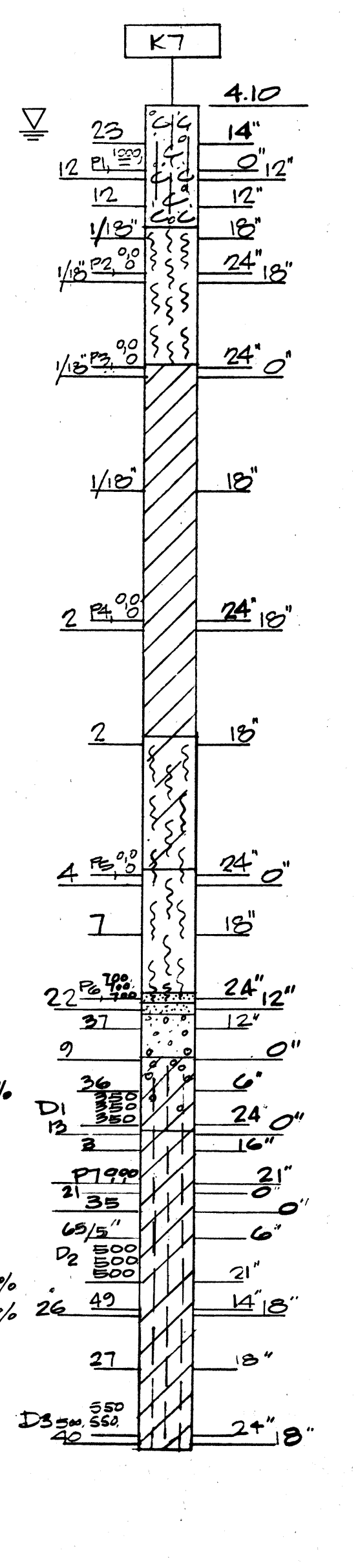
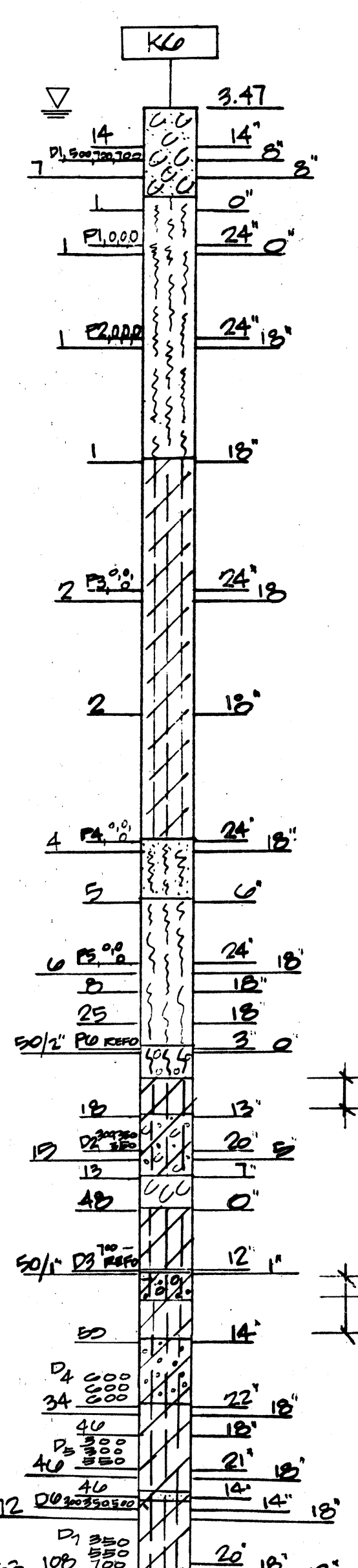
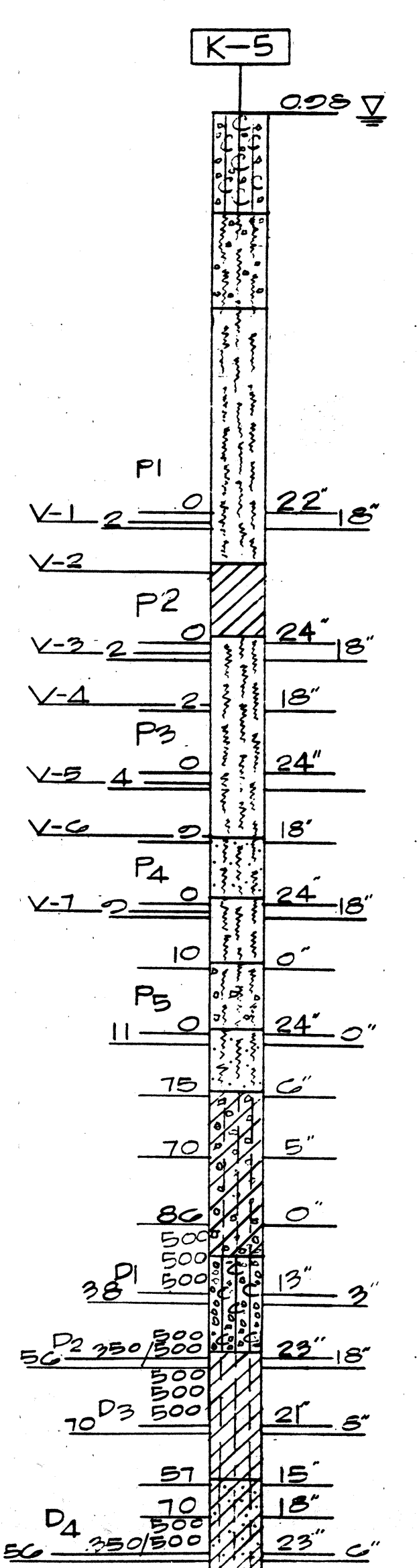
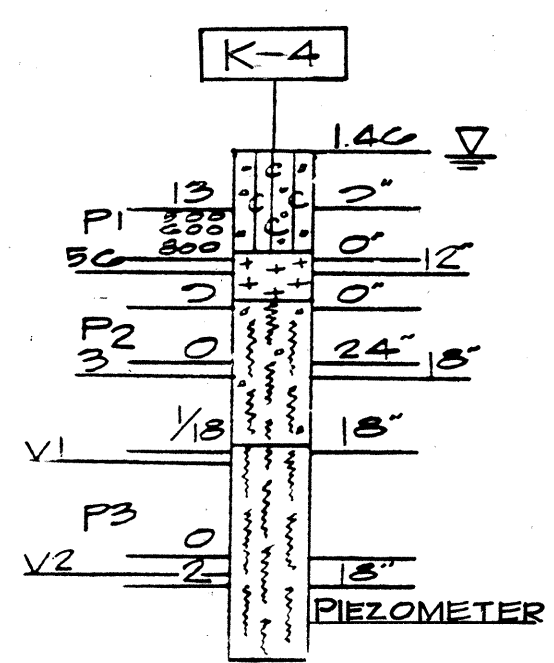
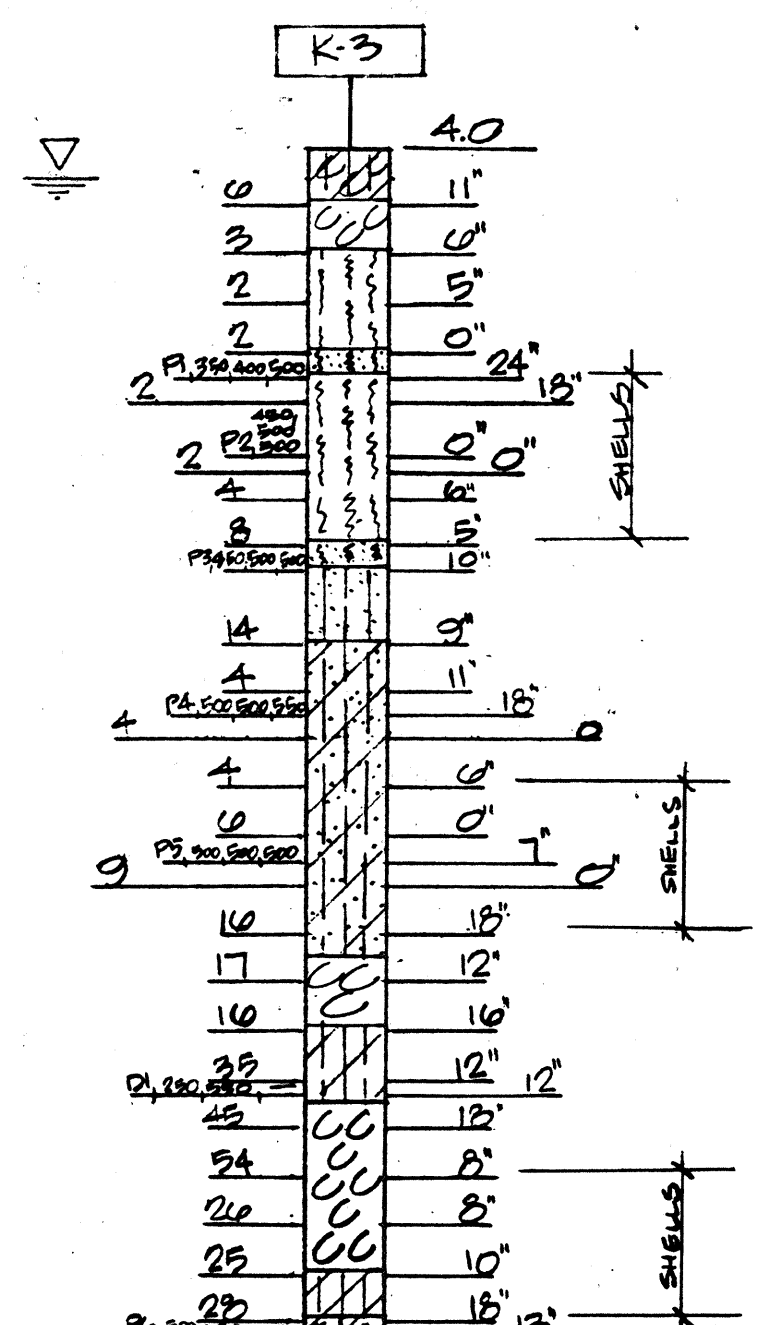
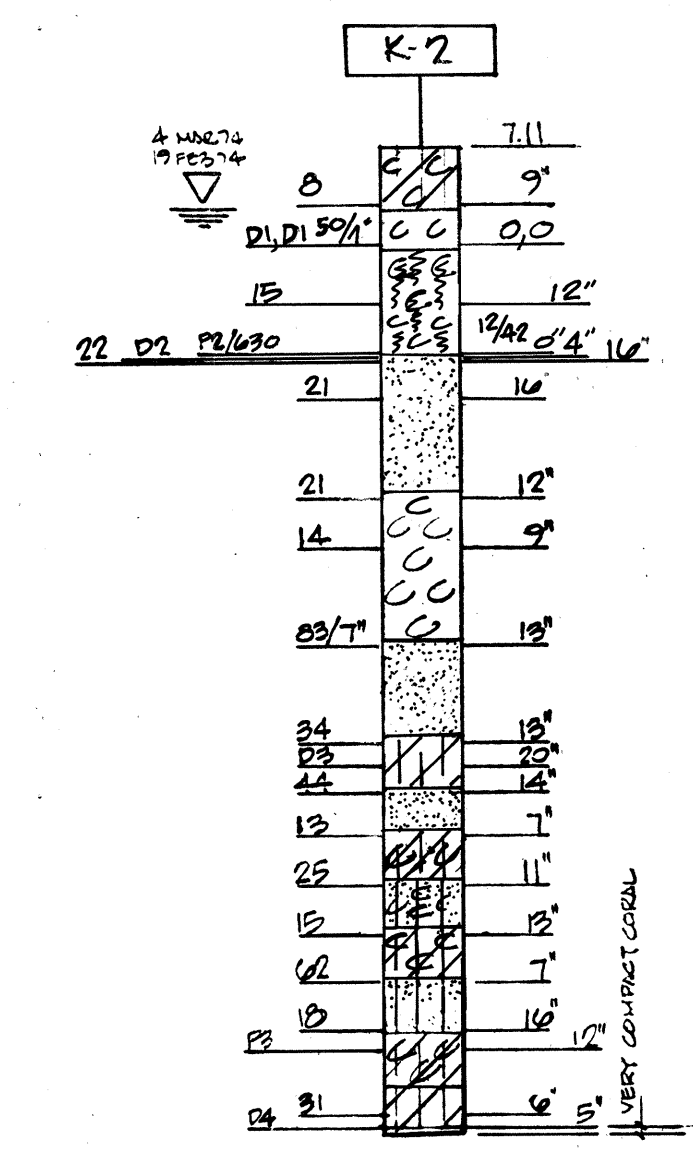
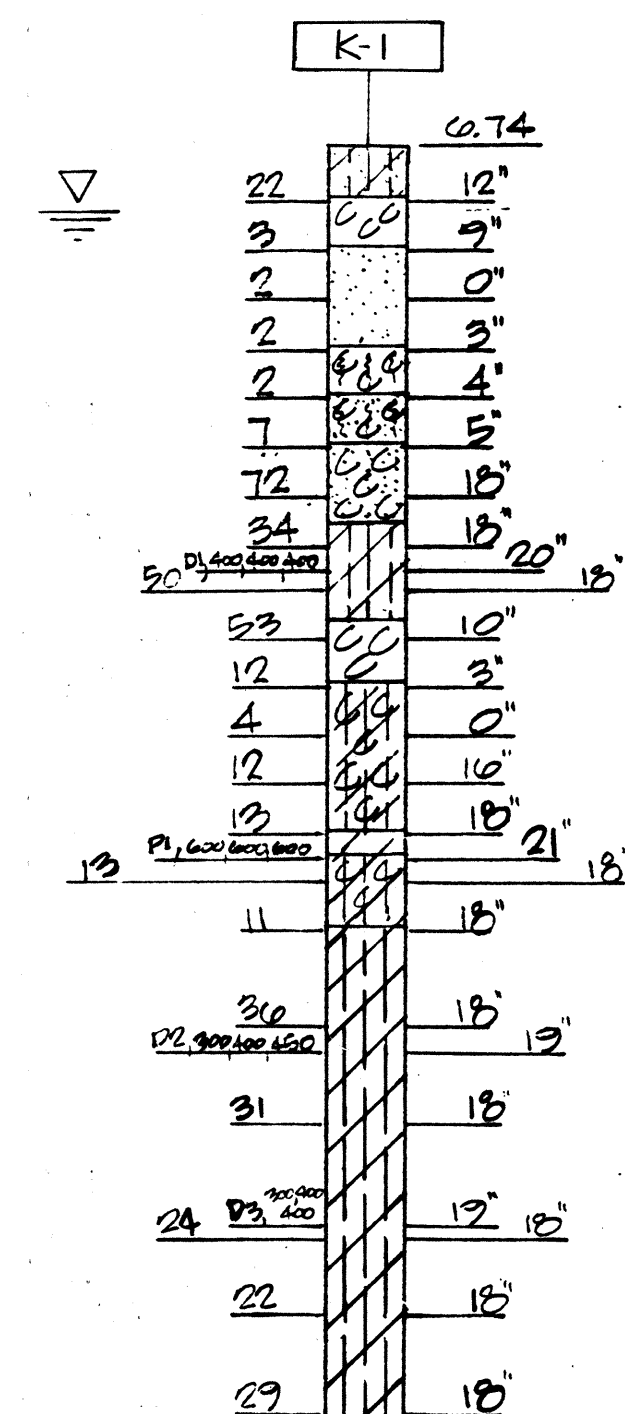
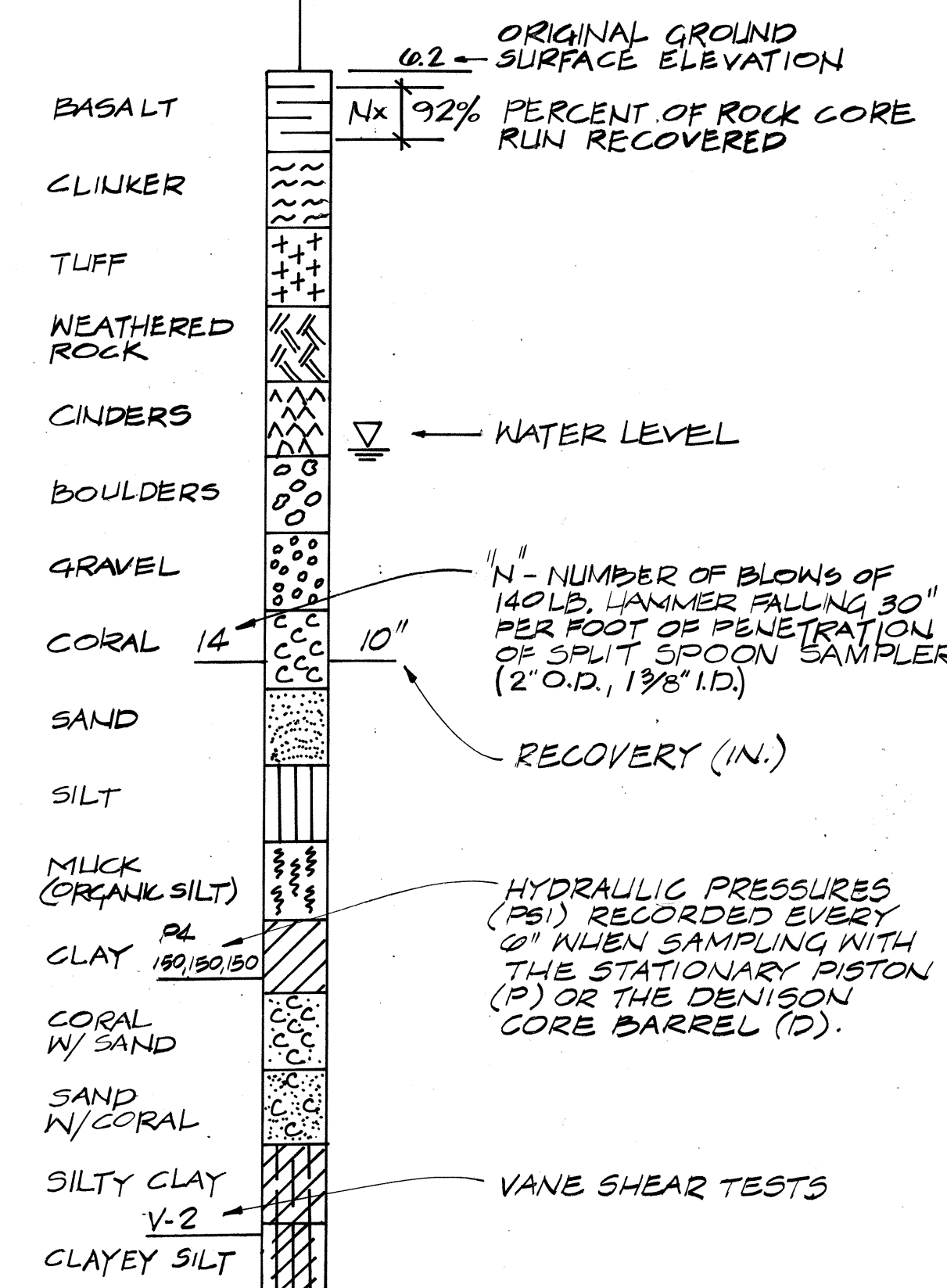
INTERSTATE ROUTE H-1
PROJECT NO. IR-HI-1 (210):17
SCALE: 1"=20' VERT. DATE: 4/30/81

SHEET No. 8-8 OF 8-14 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI(210)17	1990	30	65

GENERAL NOTES AND LEGEND FOR K BORINGS

K-24 ← BORING NUMBER



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

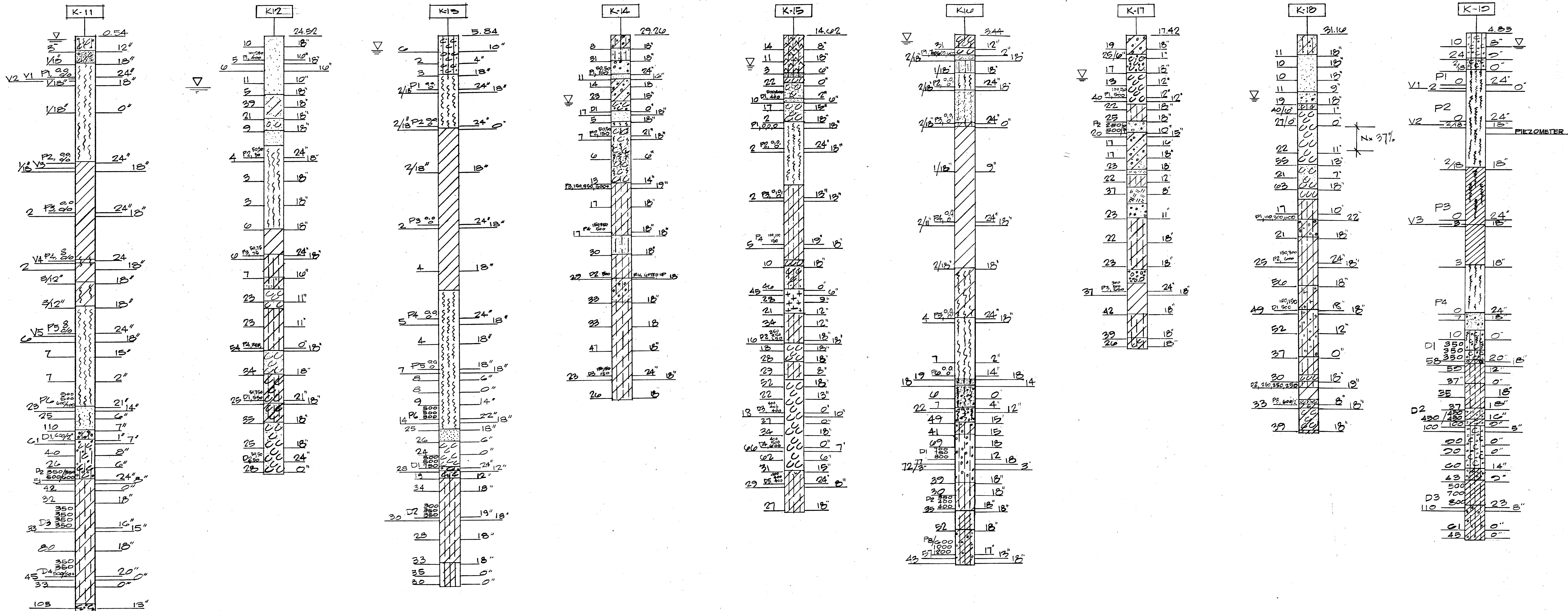
KEEHI INTERCHANGE
BORING LOGS

INTERSTATE ROUTE H-1
PROJECT NO. IR-HI-1 (210) 17

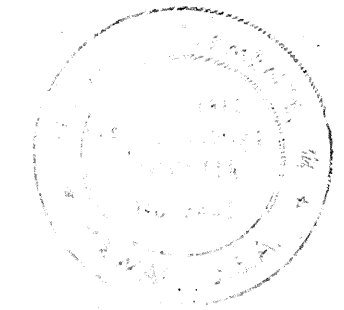
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SHEET NO. 8-9 OF 8-14 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(210):17	1990	31	65



DATE	
SURVEY PLOTTED BY	DESIGNED BY
TRACED BY	QUANTITIES BY
NOTE BOOK	CHECKED BY
No.	



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

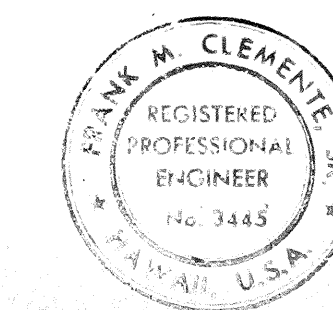
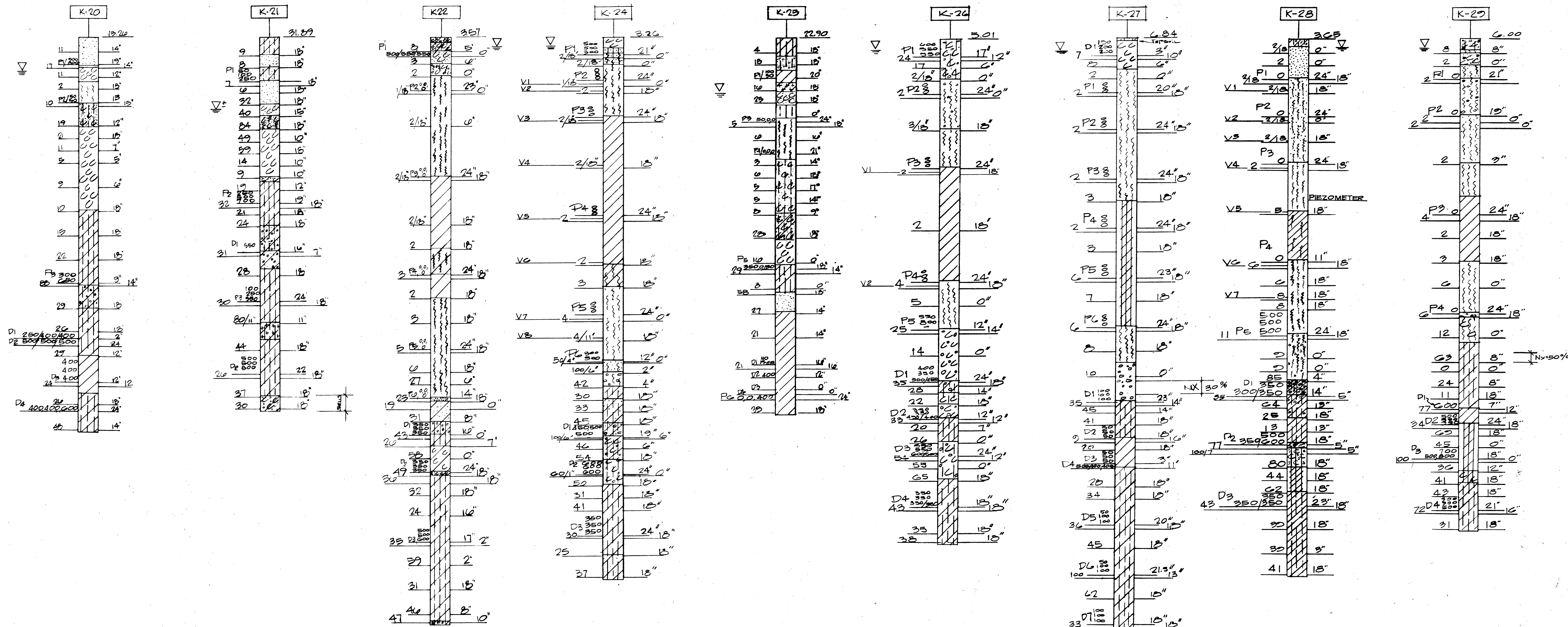
KEEHI INTERCHANGE
BORING LOGS

INTERSTATE ROUTE H-1
PROJECT NO. IR-HI-1 (210):17
SCALE: 1"=20' VERT. DATE: 4/30/81

SHEET NO. 8-10 OF 8-14 SHEETS

Franklin Clements

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IRH-1(210)	1990	32	65

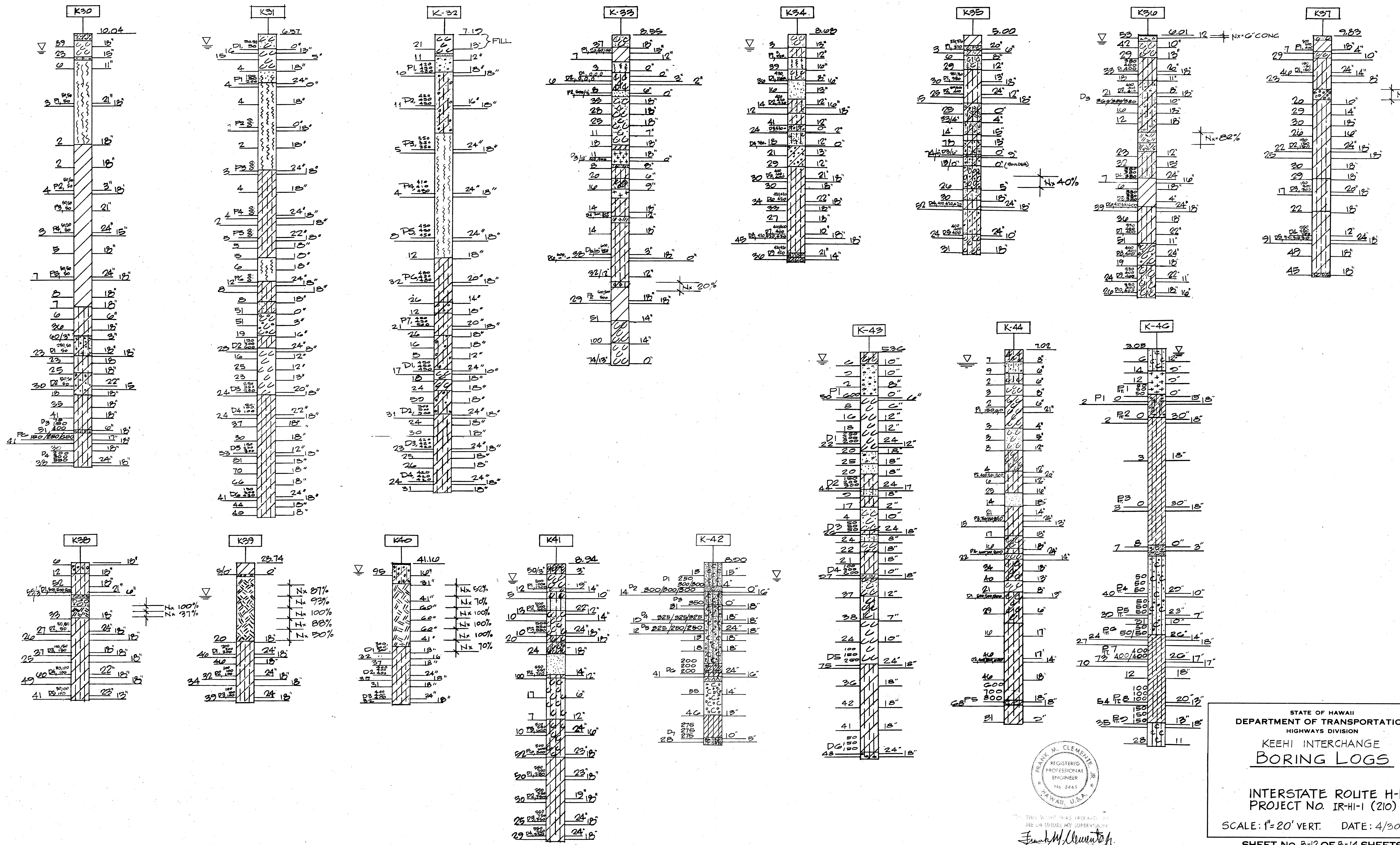


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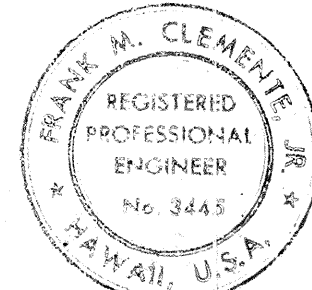
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
KEEHI INTERCHANGE
BORING LOGS

INTERSTATE ROUTE H-1
PROJECT NO. IRH-1 (210):17
SCALE: 1"=20' VERT. DATE: 4/30/81
SHEET NO. 8-11 OF 8-14 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(210):17	1990	33	65



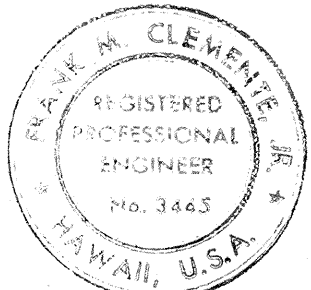
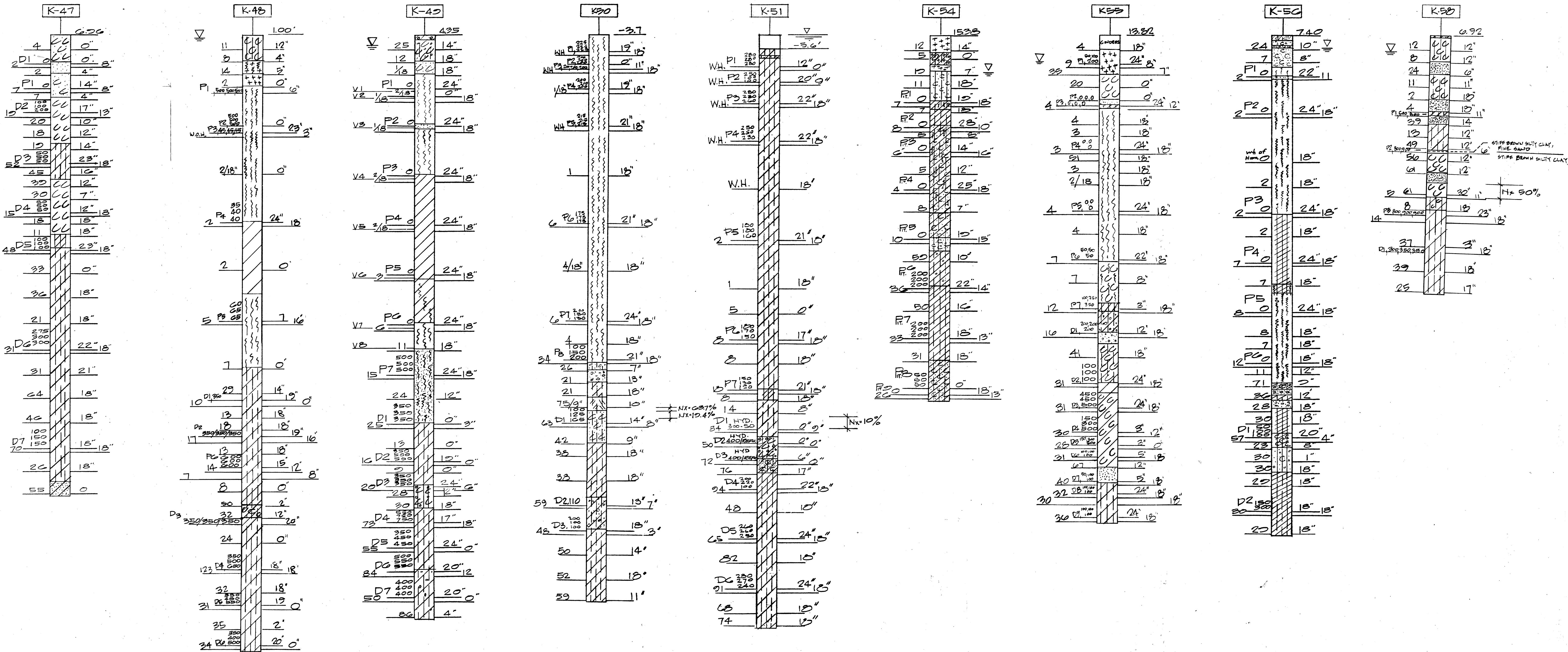
DATE _____
 SURVEY PLOTTED BY _____
 DRAWN BY _____
 CHECKED BY _____
 NOTE BOOK _____
 NO. _____



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
 KEEHI INTERCHANGE
BORING LOGS
 INTERSTATE ROUTE H-1
 PROJECT NO. IR-HI-1 (210):17
 SCALE: 1"=20' VERT. DATE: 4/30/81
 SHEET No. 8-12 OF 8-14 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI(210)	1990	34	65

DATE	
SURVEY PLOTTED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK	
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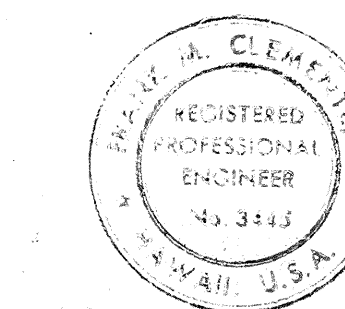
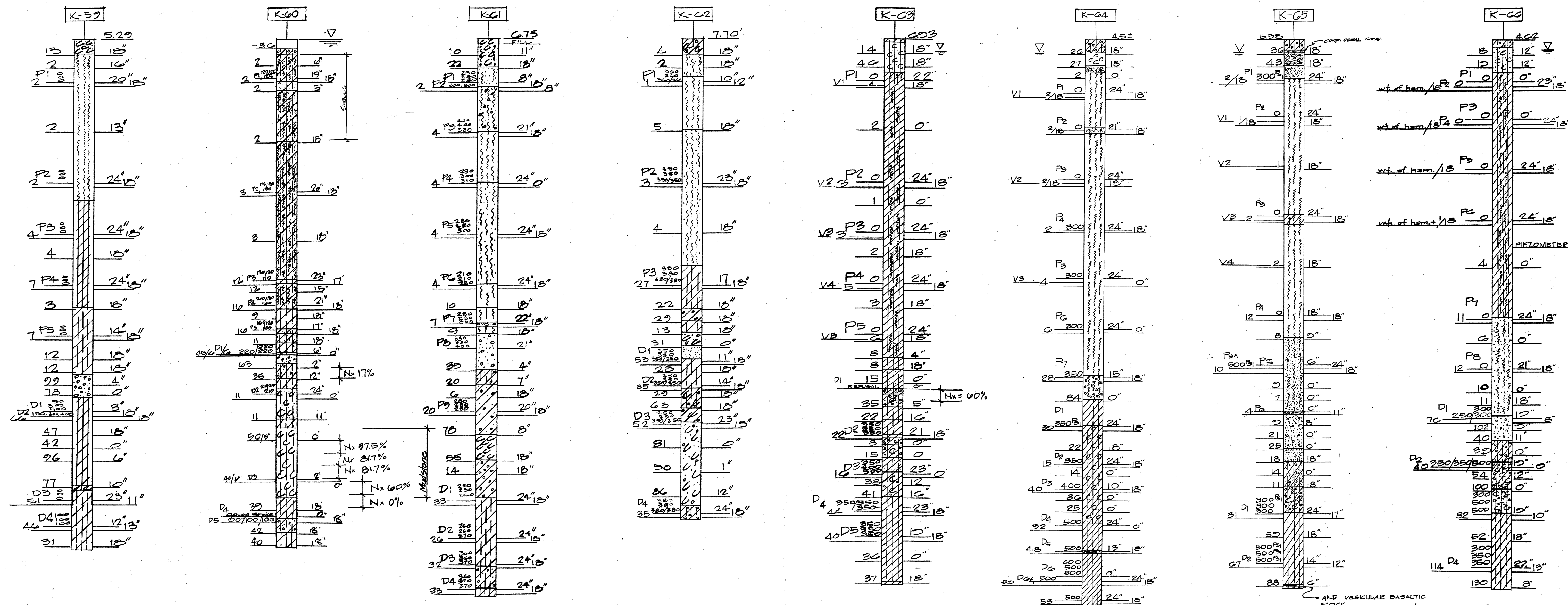
KEEHI INTERCHANGE BORING LOGS

INTERSTATE ROUTE H-1
PROJECT NO. IR-HI-1 (210):17

SCALE: 1"=20' VERT. DATE: 4/30/81

SHEET NO. 8-13 OF 8-14 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IRHH(210):17	1990	35	65



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STATE OF HAWAII
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HIGHWAYS DIVISION

KEEHI INTERCHANGE BORING LOGS

INTERSTATE ROUTE H-1
PROJECT NO. IRHH-1 (210):17

SCALE: 1"=20' VERT. DATE: 4/30/81

SHEET No. 8-14 OF 8-14 SHEETS