

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1R-H2-1(21)	1987	11	138

BORING 1		BORING 2		BORING 3		BORING 4		BORING 5		BORING 6	
SURFACE ELEVATION = 464' ±		SURFACE ELEVATION = 463' ±		SURFACE ELEVATION = 485' ±		SURFACE ELEVATION = 390' ±		SURFACE ELEVATION = 383' ±		SURFACE ELEVATION = 390' ±	
DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION
5	REDDISH BROWN CLAYEY SILT WITH SOME GRAVEL, STIFF TO HARD, MOIST.	5	1.5-INCH ASPHALTIC CONCRETE 6.0-INCH BASE COURSE REDDISH BROWN CLAYEY SILT VERY STIFF TO HARD, MOIST.	5	REDDISH BROWN CLAYEY SILT VERY STIFF, MOIST.	5	MOTTLED REDDISH BROWN CLAYEY SILT WITH SOME SAND AND DECOMPOSED GRAVEL, STIFF TO VERY STIFF, MOIST (FILL)	5	MOTTLED REDDISH BROWN CLAYEY SILT WITH SAND AND DECOMPOSED GRAVEL, VERY STIFF TO HARD, MOIST (FILL)	5	DARK BROWN CLAYEY SILT WITH TRACES OF SAND, VERY STIFF, MOIST (FILL).
10		10		10	GRADES WITH DECOMPOSED ROCK, HARD.	10	ENCOUNTERED A PIECE OF 6-INCH COBBLE AT 10 FEET.	10		10	ENCOUNTERED A 1.5 FOOT COBBLE AT 4 FEET
15		15	COLOR GRADES TO MOTTLED GRAYISH BROWN, VERY STIFF MOIST.	15		15	GRAY MASSIVE BASALT ROCK SLIGHTLY WEATHERED, HARD.	15		15	GRADE TO REDDISH BROWN CLAYEY SILT WITH DECOMPOSED GRAVEL AT 7 FEET (FILL).
20	COLOR GRADES TO GRAYISH BROWN WITH TRACES OF DECOMPOSED ROCK, VERY STIFF.	20		20	REDDISH TO LIGHT GRAYISH BROWN DECOMPOSED ROCK MEDIUM HARD	20		20	GRADES WITH A LOT OF DECOMPOSED GRAVEL, HARD.	20	LIGHT GRAY HIGHLY WEATHERED BASALT, MEDIUM HARD.
25		25	GRAYISH BROWN HIGHLY DECOMPOSED ROCK, MEDIUM HARD.	25	BORING TERMINATED AT 25.3 FEET ON JUNE 28, 1986 GROUNDWATER NOT ENCOUNTERED.	25	BORING TERMINATED AT 27.5 FEET ON JULY 15, 1986 GROUNDWATER NOT ENCOUNTERED	25	BORING TERMINATED AT 25.0 FEET ON JULY 17, 1986 GROUNDWATER NOT ENCOUNTERED.	25	BORING TERMINATED AT 23.0 FEET ON JULY 18, 1986 GROUNDWATER NOT ENCOUNTERED.
30	BORING TERMINATED AT 26.5 FEET ON JUNE 23, 1986 GROUNDWATER NOT ENCOUNTERED.	30	BORING TERMINATED AT 26.5 FEET ON JUNE 23, 1986. GROUNDWATER NOT ENCOUNTERED.	30		30		30		30	NOTE: BORINGS 1 TO 6 BY: C.K.I. ASSOCIATES, INC. dba GEOLABS-HAWAII 2006 KALIHU STREET HONOLULU, HAWAII

BORING 5-13		BORING 5-14		BORING 5-15		BORING 5-16		BORING 5-17		BORING B-42	
ELEV. = 480.23		ELEV. = 480.27		ELEV. = 480.12		ELEV. = 479.81		ELEV. = 479.38		ELEV. = 480.50	
480		480	VERY STIFF RED SILTY CLAY	480		480	VERY STIFF DARK RED CLAY	480	VERY STIFF DARK RED SILTY CLAY	480	STIFF RED CLAY
475	VERY STIFF RED SILTY CLAY	475		475	VERY STIFF RED SILTY CLAY	475		475		475	STIFF REDDISH BROWN CLAY
470		470		470		470	VERY STIFF RED SILTY CLAY	470	VERY STIFF RED SILTY CLAY	470	
465		465		465		465		465		465	FIRM REDDISH BROWN CLAY WITH STREAKS OF SOFT BROWN ROCK
460	UNWEATHERED DENSE BASALTIC ROCK	460		460	SLIGHTLY WEATHERED DENSE VESICULAR BASALTIC ROCK	460	VERY STIFF GRAY SILTY CLAY	460	VERY STIFF GRAY SILTY CLAY	460	DENSE BASALTIC ROCK
455	HIGHLY WEATHERED ROCK WITH SOME VESICULAR BASALTIC ROCK	455		455	SLIGHTLY WEATHERED DENSE VESICULAR BASALTIC ROCK WITH SOME UNWEATHERED DENSE VESICULAR BASALTIC ROCK	455	HIGHLY WEATHERED VESICULAR BASALTIC ROCK	455	SLIGHTLY WEATHERED VESICULAR BASALTIC ROCK	455	FIRM BROWN CLAY AND SOFT BROWN ROCK
450		450		450	HIGHLY WEATHERED ROCK WITH SILTY CLAY	450		450	SLIGHTLY WEATHERED AND UNWEATHERED VESICULAR BASALTIC ROCK	450	DENSE BASALTIC ROCK
445	MODERATELY WEATHERED VESICULAR BASALTIC ROCK	445		445		445		445		445	FIRM BROWN CLAY AND SOFT ROCK
440	MODERATELY WEATHERED VESICULAR BASALTIC ROCK AND HIGHLY WEATHERED ROCK	440		440	MODERATELY WEATHERED DENSE VESICULAR BASALTIC ROCK WITH SILTY CLAY	440		440		440	VERY STIFF RED CLAY WITH STREAKS OF ROCK
435		435	VERY STIFF RED SILTY CLAY	435	HIGHLY WEATHERED ROCK, DENSE BASALTIC ROCK AND SILTY CLAY	435		435		435	STIFF RED CLAY WITH STREAKS OF SOFT GRAY CLAY
			VERY STIFF GRAY SILTY CLAY							430	FIRM RED CLAY WITH STREAKS OF FIRM GRAY CLAY
											FIRM GRAY CLAY
											HARD GRAY ROCK
											SOFT GRAY ROCK
											HARD GRAY ROCK
											HARD BASALTIC ROCK
											SOFT GRAY ROCK WITH STREAKS OF SOFT BROWN CLAY.
						THE BORING LOGS SHOWN ON THESE PLANS ARE FOR DESIGN PURPOSES ONLY AND FOR THE CONVENIENCE OF THE ENGINEER IN CONTROL OF THE EARTHWORK. THE BORINGS WERE CAREFULLY TAKEN, HOWEVER, THE STATE DEPARTMENT OF TRANSPORTATION ASSUMES NO RESPONSIBILITY AS TO THE ACCURACY AND/OR SUFFICIENCY OF THE BORING AND OF ANY INTERPRETATION THEREOF AND WILL MAKE NO GUARANTEE OF THE SAME.					
						NOTE: BORINGS 5-13 TO 5-17 AND B-42 BY: DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION MATERIALS TESTING AND RESEARCH BRANCH					

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

BORING LOGS

INTERSTATE ROUTE H-2  
WAIPIO INTERCHANGE  
FAI PROJ. NO. 1R-H2-1(21)

NOT TO SCALE

SHEET No. 1 OF 1 SHEETS