

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	01-87A	2002	ADD. 235	288

ERNEST K. HIRATA & ASSOCIATES, INC.
Geotechnical Engineering

BORING LOG					
BORING NO. B1		DRIVING WT. 140 lb.		DATE OF DRILLING 3/2/01	
SURFACE ELEV. 10.7±		DROP 30 in.		WATER LEVEL 1.5 feet	
DEPTH H	GRAPH	SAMPLE	BLOWS PER FOOT	DRY DENSITY (PCF)	MOIST. CONT. (%)
0			58	88	23
			61/6"	79	16
			10/No Penetration		
5			64/6"	Tip Recovery	
			10/No Penetration		
10			10/No Penetration		
15			10/No Penetration		
20					
25					
30					

Plate B1

ERNEST K. HIRATA & ASSOCIATES, INC.
Geotechnical Engineering

BORING LOG					
BORING NO. B2		DRIVING WT. 140 lb.		DATE OF DRILLING 3/1/01	
SURFACE ELEV. 2.8±		DROP 30 in.		WATER LEVEL 5 feet	
DEPTH H	GRAPH	SAMPLE	BLOWS PER FOOT	DRY DENSITY (PCF)	MOIST. CONT. (%)
0			64	117	15
			13	85	34
5			5	73	40
10			10	74	55
15			4	80	49
20					
25					
30					

Plate B2

ERNEST K. HIRATA & ASSOCIATES, INC.
Geotechnical Engineering

BORING LOG					
BORING NO. B3		DRIVING WT. 140 lb.		DATE OF DRILLING 3/1/01	
SURFACE ELEV. 6.5±		DROP 30 in.		WATER LEVEL 7 feet	
DEPTH H	GRAPH	SAMPLE	BLOWS PER FOOT	DRY DENSITY (PCF)	MOIST. CONT. (%)
0			86	120	11
			11	82	27
5			4	54	61
			4	57	76
10			6	74	54
15			10/No Penetration		
20					
25					
30					

Plate B3

ERNEST K. HIRATA & ASSOCIATES, INC.
Geotechnical Engineering

BORING LOG					
BORING NO. B4		DRIVING WT. 140 lb.		DATE OF DRILLING 3/2/01	
SURFACE ELEV. 7.3±		DROP 30 in.		WATER LEVEL 6.5 feet	
DEPTH H	GRAPH	SAMPLE	BLOWS PER FOOT	DRY DENSITY (PCF)	MOIST. CONT. (%)
0			44	92	17
			31/6"	97	15
5			115	88	23
			10/No Penetration		
10			10/No Penetration		
			10/No Penetration		
15			10/No Penetration		
20					
25					
30					

Plate B4

ERNEST K. HIRATA & ASSOCIATES, INC.
Geotechnical Engineering

BORING LOG					
BORING NO. B5		DRIVING WT. 140 lb.		DATE OF DRILLING 3/1/01	
SURFACE ELEV. 6.6±		DROP 30 in.		WATER LEVEL 11 feet	
DEPTH H	GRAPH	SAMPLE	BLOWS PER FOOT	DRY DENSITY (PCF)	MOIST. CONT. (%)
0			67/6"	110	14
			26	87	32
5			111	107	24
10			137	102	22
15			98	99	27
20					
25					
30					

Plate B5

GENERAL NOTE:

THE BORING LOGS INDICATE THE APPROXIMATE SUBSURFACE SOIL CONDITIONS ENCOUNTERED ONLY AT THOSE TIMES AND LOCATIONS WHERE THE BORINGS WERE MADE, AND MAY NOT REPRESENT CONDITIONS AT OTHER TIMES AND LOCATIONS.

12/21/01

Date

REVISED GEN. NOTE

Revision

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS

NIMITZ HIGHWAY
WATER SYSTEM IMPROVEMENTS, PART 1
BWS JOB No. 01-87A

Scale: As shown

Date: 08/27/01

SHEET No. C-10 OF 43 SHEETS

ADD. 235