FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(C3):11 I-HI-1(16):11	1998	7	98

B-11
℄ Sta. 106+20

Elev.	Description
22.4	
17.4	Stiff brown clay
15.0	Moderately weathered vesicular basaltic rock
12.0 ▽	Stiff brown clay
11.4	Stiff brown clay w/gravel
9.0	Soft black silty clay (muck)
1.4	
	Soft black silty clay w/gravel
-4.6	
-7.6	Stiff brown clay w/gravel
-8.8	Highly weathered rock & boulders
-13.1	Highly weathered rock w/stiff brown silty clay
-14.1	Highly weathered rock w/some mod. weathered basaltic rock
-17.6	
-21.6	Highly weathered rock w/some mod. weathered dense basaltic rock
-24.0	
	Highly weathered rock w/some mod. weathered dense vesicular & basaltic rock
	Stiff brown clay w/some mod. weathered dense basaltic rock & some gravel

B-12
℄ Sta. 112+00

Elev.	Description
14.5	
9.8 ▽	Firm brown clay
9.5	
	Soft brown clay
-0.5	
	Soft black clay w/loose gravel, stones
-10.5	
	Stiff brown silty clay w/loose sand, gravel
-19.5	
-20.5	Streak of very stiff material
	Stiff black silty clay w/loose sand
-25.5	
	Soft black silty clay w/loose sand, gravel
-34.3	
-37.0	Stiff brown clay w/slightly weathered dense vesicular basaltic rock
-40.5	Slightly weathered dense vesicular basaltic rock
-46.0	Stiff brown clay w/slightly weathered dense vesicular basaltic rock
-47.5	Very stiff brown silty clay w/stones & gravel
-55.5	Highly weathered rock
	Stiff brown silty clay & highly weathered rock
-65.5	
-68.0	Stiff brown silty clay & highly weathered rock

B-1A
℄ Sta. 103+08

Elev.	Description
26.0	
22.0	Stiff red clay
21.0	Soft rock
19.5	Soft rock & firm red clay
18.0	Firm brown clay
15.8	Dense basaltic rock & firm gray clay
13.0	
11.5	Dense basaltic rock
	Stiff red clay
6.0	Soft rock
1.0	Soft rock & vesicular basaltic rock
	Soft & very soft rock
-4.0	
	Soft rock
-24.0	

B-2A
℄ Sta. 114+04

Elev.	Description
12.0	
	Firm brown clay
3.0 ▽	
3.0	Loose gravel & fine sand
-2.0	
	Soft muck w/fine sand
-25.0	
	Loose fine sand & gravel
-29.5	
	Dense basaltic rock w/streaks of soft rocks
-33.0	
-36.0	Soft & very soft rock
-37.8	Soft rock
	Stiff brown clay
-62.0	
-67.0	Firm brown clay
	Very soft rock
-82.0	

B-3A
℄ Sta. 121+26

Elev.	Description
22.4	
19.4	Stiff red clay
15.0 ▽	
	Soft & very soft rock
8.4	
	Very soft rock
-12.6	
-15.6	Soft rock
-20.6	Vesicular basaltic rock & soft rock
-27.6	Soft rock

B-4A
℄ Sta. 100+44
50' Offset Right

Elev.	Description
25.4	
	Stiff brown clay
19.0	
15.4	Stiff brown clay w/few small boulders
11.0	Vesicular basaltic rock w/streak of stiff brown clay
6.4	Vesicular basaltic rock & soft rock
	Soft rock
-21.0	
-25.6	Soft rock & streak of soft red clay

B-5A
℄ Sta. 118+36
60' Offset Left

Elev.	Description
17.58	
15.2	Firm brown clay
11.0	Firm brown clay & gravel
	Soft brown clay
1.2	
	Soft muck w/fine sand
-40.4	
-44.0	Very soft rock & gravel
-47.4	Soft rock & gravel
-51.4	Vesicular basaltic rock
-56.4	Vesicular basaltic rock w/streak of soft rock
-60.4	Vesicular & dense basaltic rock

B-13
℄ Sta. 124+30

Elev.	Description
113.0	
110.0	Stiff red silty clay
	Stiff brown silty clay
86.0	
83.5	Highly weathered rock
80.0	Stiff brown clay w/some gravel
	Stiff brown clay w/some highly weathered rock
74.0	
72.0	Moderately weathered dense basaltic rock
	Slightly weathered dense basaltic rock
64.5	
	Highly weathered vesicular basaltic rock
59.5	
	Highly weathered vesicular basaltic rock & mod. weathered dense basaltic rock
54.5	
52.0	Moderately weathered dense basaltic rock
47.0	Moderately weathered dense fractured basaltic rock
42.0	Moderately weathered dense basaltic rock & highly weathered rock

B-34
℄ Sta. 105+20

Elev.	Description
22.4	
	Stiff red silty clay
17.5	
	Soft red clay
12.4	
	Soft brown clay
9.4	
7.4 ▽	Soft black clay (muck)
7.4	
	Soft black clay w/gravel
-2.6	
	Soft black clay
-17.5	
	Soft black clay w/shells
-30.4	
	Basaltic boulder
-40.4	
	Soft black clay w/shells
-49.4	
	Highly & moderately weathered rock
-54.4	
	Unweathered vesicular basaltic rock & stiff red silty clay
-59.4	

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

PAUL M. HIROTA
REGISTERED PROFESSIONAL ENGINEER
No. 1449
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS

INTERSTATE ROUTE H-1
PROJ. NOS. I-HI-1(C3):11
I-HI-1(16):11

Scale: 1" = 10' Date: 8/14/98

SHEET No. 7 OF 7 SHEETS

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