

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO.             | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | I-HI-1(65):10<br>I-HI-1(60):11 | 1969        | 27        | 185          |

**B-1A**  
# Sta. 103+28

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

**B-4A**  
# Sta. 109+44  
30' Offset Right

|       |                                                       |
|-------|-------------------------------------------------------|
| 25.4  | Stiff brown clay                                      |
| 19.0  | Stiff brown clay w/ few small boulders                |
| 15.4  | Vesicular basaltic rock w/ streak of stiff brown clay |
| 11.0  | Vesicular basaltic rock & soft rock                   |
| 6.4   |                                                       |
|       | Soft rock                                             |
| -21.0 | Soft rock & streak of soft red clay                   |
| -25.0 |                                                       |

**B-4**  
# Sta. 62+00  
20' Offset Right

|      |                                                    |
|------|----------------------------------------------------|
| 40.8 | Stiff red silty clay                               |
| 35.9 | Stiff red clay                                     |
| 30.8 | Very stiff brown & gray clay                       |
| 19.8 | Moderately weathered vesicular basaltic rock       |
| 11.8 | Highly weathered vesicular rock                    |
| 5.8  | Highly weathered vesicular rock & stiff brown clay |
| 1.8  |                                                    |

**B-5**  
# Sta. 73+20

|      |                                     |
|------|-------------------------------------|
| 84.0 | Stiff red silty clay                |
| 80.0 | Stiff brown silty clay              |
| 72.0 | Very stiff brown silty clay         |
| 72.5 | Moderately weathered vesicular rock |
| 64.0 | Slightly weathered vesicular rock   |
| 57.5 |                                     |

**B-6**  
# Sta. 80+00

|       |                                     |
|-------|-------------------------------------|
| 108.8 | Stiff red silty clay                |
| 104.8 | Unweathered vesicular basaltic rock |
| 98.8  | Highly weathered rock               |

**B-7**  
# Sta. 34+50

|      |                                                    |
|------|----------------------------------------------------|
| 93.5 | Very stiff red silty clay                          |
| 76.3 | Highly weathered reddish rock & reddish silty clay |
| 73.8 |                                                    |

**B-8**  
# Sta. 92+25

|       |                             |
|-------|-----------------------------|
| 107.6 | Very stiff red silty clay   |
| 96.1  | Very stiff brown silty clay |
| 83.6  | Highly weathered rock       |
| 77.6  |                             |

**B-9**  
# Sta. 95+25

|       |                                                                      |
|-------|----------------------------------------------------------------------|
| 110.1 | Very stiff red silty clay                                            |
| 95.1  | Very stiff brown silty clay                                          |
| 84.1  | Unweathered dense basaltic rock                                      |
| 74.1  | Highly weathered rock                                                |
| 62.0  | Very stiff brown silty clay & gravel                                 |
| 51.6  | Moderately weathered dense basaltic boulders & highly weathered rock |

**B-10**  
# Sta. 99+07

|      |                                                                            |
|------|----------------------------------------------------------------------------|
| 99.5 | Very stiff red silty clay                                                  |
| 84.5 | Very stiff brown silty clay & moderately weathered vesicular basaltic rock |
| 84.0 | Moderately weathered vesicular basaltic rock                               |
| 80.0 |                                                                            |
|      | Highly weathered rock                                                      |
| 67.5 | Highly weathered rock & moderately weathered basaltic rock                 |
| 62.5 |                                                                            |

**B-11**  
# Sta. 106+24

|       |                                                                                    |
|-------|------------------------------------------------------------------------------------|
| 22.4  | Stiff brown clay                                                                   |
| 17.4  | Moderately weathered vesicular basaltic rock                                       |
| 15.9  | Stiff brown clay                                                                   |
| 12.9  | Stiff brown clay w/ gravel                                                         |
| 11.4  | Soft black silty clay (muck)                                                       |
| 9.9   |                                                                                    |
| 1.4   | Soft black silty clay w/ gravel                                                    |
| -4.9  | Stiff brown clay w/ gravel                                                         |
| -7.6  | Highly weathered rocks & boulders                                                  |
| -8.8  | Highly weathered rocks w/ stiff brown silty clay                                   |
| -13.1 | Highly weathered rocks w/ some moderately weathered basaltic rock                  |
| -14.1 | Highly weathered rocks w/ some moderately weathered dense basaltic rock            |
| -17.6 | Highly weathered rock w/ some moderately weathered dense vesicular & basaltic rock |
| -21.6 | Stiff brown clay w/ some moderately weathered dense basaltic rock & some gravel    |
| -24.0 |                                                                                    |

**B-34**  
# Sta. 105+26

|       |                                                            |
|-------|------------------------------------------------------------|
| 62.4  | Stiff red silty clay                                       |
| 17.6  | Soft red clay                                              |
| 12.4  | Soft brown clay                                            |
| 9.4   | Soft black clay (muck)                                     |
| 7.4   | Soft black clay w/ gravel                                  |
| -2.6  |                                                            |
|       | Soft black clay                                            |
| -17.5 |                                                            |
|       | Soft black clay w/ shells                                  |
| -39.4 | Basaltic boulder                                           |
| -40.4 |                                                            |
| -49.4 | Soft black clay w/ shells                                  |
| -54.4 | Highly & moderately weathered rock                         |
| -59.4 | Unweathered vesicular basaltic rock & stiff red silty clay |



THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION.

|                                                                      |               |
|----------------------------------------------------------------------|---------------|
| STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION |               |
| <b>BORING LOGS</b>                                                   |               |
| INTERSTATE ROUTE H-1<br>PROJ. NO'S. I-HI-1 (65):10                   |               |
| Scale: 1"=10'                                                        | Date: 4-24-69 |
| SHEET No. 1 OF 1 SHEETS                                              |               |

|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
| DESIGNED BY       | _____ |
| NOTED BY          | _____ |
| CHECKED BY        | _____ |