Kahaluu Deep Monitor Well No. 3457-04
CTD Logged January 16, 2002
Serial No. 425

Mid- Pt. Temp. = 20.641°C
Kalahuu Deep Monitor Well No. 3457-04
CTD Logged August 14, 2001
Serial No. 425

WL = 1.80 ft., msl
Mid-Pl. = -47 ft., msl

Elevation (ft., msl)

Specific Conductance (umhos)
Kahalu Deep Monitor Well No. 57-04
CTD Logged September 7, 2000
Serial No. 425

Mid-Point Temp. 20.673° C

Temperature (°C)

Elevation (ft, msl)
VIDEO LOG BY WAIELI DRILLING CO.  
Kahaluu Deep Monitor Well (3457-04)  
North Kona, Hawaii  
Reviewed by Dan Lum  
August 21, 2000

Ft.  

0 - 327  8" csg  
311  Water level  
326 - 329  Spalled area indicated by black void  

General Notes:  
• Apparent slippage in odometer (depth) readings.  
• Water is generally clear.  
• Video image distorted below 407 ft. (lens problems?)  
• Spalled areas indicated by dark to black images, representing highly fractured, clinkery basalt intervals.  
• Camera generally clings to one side of the hole below 537'.  
• Video log indicates Kahaluu Monitor Well's open hole is stable in thin-bedded aa and probably pahoehoe lava flows.  
• T.D. reading of 735 ft. compares with reported drill depth of 738 ft. Thus, there is only 3 ft. of cave-in material at bottom of the well.
8/29/00
Kahaluu Monitor well
"AS BUILT"

WELL NO. 3457-04

LOCKABLE STEEL CAP
CONCRETE PAD
GROUND ELEV.: 308FT., APPROX.

14" DRILL HOLE
GROUTED ANNULUS
3" MINIMUM
STEEL CASING
8" x 5/16" WALL
GROUT SEAL
ROCK. PACKING
3' CONC. PLUG
CASING SHOE

OPEN HOLE
7.5" MINIMUM DIA.

1 1/8" x .250 WALL
SLOTTED CASING

SECTION THRU WELL
NOT TO SCALE

NOTE: BENCH MARK = 308.72 msl.
LOCATED AT BASE OF WATER TANK.

738 FT.
323 FT.
415 FT.

ELEV.: -15FT.
ELEV.: -430FT.

18"
8-3457-04 Kahaluu Ave. Daily Water Levels

Water Level in Feet, Above MSL