

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____
 Observer Bruce Nelson Wt. _____
 Observer Title/Affil. Univ. of Washington

Dive # PV-289
 Date Aug. 30, 1996

Observer Uri Ten Brink Wt. _____
 Observer Title/Affil. U.S.G.S.

Time of Dive 0832
 Time of Surface 1722
 Time Submerged 8:50

Dive Location N.E. Coast of Molokai
 Lat. 21°18.252'N Long. 156°52.16'W
 Purpose: Research Training Demo

Time Thru Last Dive 1665:07
 Total Time to Dive 1673:57

Other: _____

Dive Depth 1459^m

Special Equipment:

Water Depth 1459^m

Camera (type) Sony-Panasonic-Photo sea

Water Temp. 2.1°C @ 1459^m

Manipulator Titan-Hyco

Visibility _____

Other _____

ABT # at Neutral _____

Support Vessel Kaimikai-O-Kanaloa

Captain R. Hayes

Dive Results/Remarks: Land on a silty mud slope in 1459^m

This position is on the floor of silt filled canyon between two steep walls. Move to the west south west. 1018 Come to a steep wall at 1450^m. Begin moving up the wall to the south. Collect a rock at 1400^m. Continue up the wall. Stop on a narrow ledge at 1333^m to collect a rock. Wall structure appears to be basalt, but is a clay like material with a black manganese like crust. Continue up slope. Collect more clay samples from 1359^m, 1326^m, 1290^m. Sheer vertical walls of layered rock turn out to be crust covered clay from 1350^m to 1205^m at the top of the wall. Move to the south East back down the wall to 1250^m. Continue to discover clay crust covered features as

Equipment Deficiencies: we contour along the wall @ 1250^m. Descend as we move along the wall to the S.E. Discover a basalt outcrop of pillow like structure at 1348^m. Collect two rocks. Move to the East to the wall on the East side of the canyon. More clay walls at 1334^m. Leave the bottom from 1334^m.

Pilot Terry Kerby
 Ops. Mgr. UBK

Date 8/31/96

Date 8/31/96