

PISCES V DIVE REPORT

Pilot T. Kerby Wt. \_\_\_\_\_ Dive Number P5-252  
 Observer A. Wright Wt. \_\_\_\_\_ Date Oct. 8, 1993  
 Observer Title/Affil. Pilot-Trainee

Observer J. Moore Wt. \_\_\_\_\_  
 Observer Title/Affil. U.S.G.S. Time of Dive 0830

Dive Location N. of Keleupapa, Molokai Time of Surface 1545  
 Launch 21°14.2'N 156°54.2'W Time Submerged 7:15  
 Lat. 21°13.0'N Long. 156°59.0'W Time Thru Last Dive 1421:29  
 End Dive

Purpose: Research Training Demo Total Time to Dive 1428:44  
 Other Ridit training - science dive Dive Depth 625<sup>m</sup>

Special Equip.: Water Depth 625<sup>m</sup>  
 Camera (type) Sony(Hi8) Panasonic-Photosea Water Temp. \_\_\_\_\_

Manipulator \_\_\_\_\_ Visibility \_\_\_\_\_  
 Other Rock Collecting baskets ABT # at Neutral

Support Vessel R/V Kila Captain R. Barnes

Dive Results/Remarks: Dive objective to begin at 500m slope and collect rocks up to as shallow as we can go. Seas fair. Lend on soft silt clay bottom in 625  
Moving S.S.E. upslope. Moving up a fine silty bottom with urchins and brittle stars. 1008 Come to a vertical crumbly basalt wall. 1035 Collect rock sample #1 @ 580m. Move upslope. Come to another vertical well with erosion ledges and loose rock conglomerate in wall. Collect second sample from a small ledge on the wall @ 560m. Move upslope. Ascending a soft silt clay bottom with occasional vertical walls of 3 to 10 meters. 1125 Collect #3 from 475m ~~Bottom~~ slab. Continue S.S.E. 250m bottom becomes more gradual (30° slope) Silt sand bottom. 1255 At 150m Collect carbonate slab. Sample #4 115m Collect #5. 90m Collect samples #6 #7 #8 & #9. Have come across pillow formations starting with a large slab and moving to the E.S.E. Survey large blocky formations up to 50m. Move N. To deeper water. Surface from a midwater depth of 200m after running offshore for 40 minutes. Make a normal recovery. Seas fair.

Equipment Deficiencies: \_\_\_\_\_  
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Pilot T. Kerby Date 10/9/93  
 Ops. Mgr T. Kerby Date 10/9/93