

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. _____
 Observer Dave Clague Wt. _____
 Observer Title/Affil. MBRI

Dive # PV-405
 Date Oct. 22, 1998

Observer Jim Moore Wt. _____
 Observer Title/Affil. USGS

Time of Dive 0805
 Time of Surface 1723
 Time Submerged 9:18
 Time Thru Last Dive 2576:42
 Total Time to Dive 2586:00
 Dive Depth 1924^m
 Water Depth 1924^m
 Water Temp. 1.7°C @ 192^m
 Visibility _____
 ABT # at Neutral _____
 Captain Bob Hayes

Dive Location North Kohala
 Lat. 20° 16.40' N Long. 155° 23.35' W
 Purpose: Research Training Demo

Other: _____
 Special Equipment:
 Camera (type) Video, Digital, still
 Manipulator Titan, HYCO
 Other _____
 Support Vessel R/V Ka'imikai-O-Kenaloa

Dive Results/Remarks: Survey three ancient volcanos 1005 on the bottom in 1906^m. Collect rock samples. Sub is buoyant when the descent weights are released. Ballast rocks are loaded into collecting basket for trim in lieu of flooding water into the trim tank which would have to be pumped out as rocks samples are collected. Collect 2 rocks and take #1 sediment scoop. 1111 1900^m Moving East to locate second volcano. 1140 1878^m locate a carbonate layer. 1152 1878^m Sample # 5, 6 & 7. Rocks, & consolidated ash. 1237 Moving NE. Continue moving SE. 1423 1873^m Locate basalt formations that make the southern rim of the second volcano. Collect rocks.
 Equipment Deficiencies: Collect consolidated ash layer. 1534 1901^m moving N. Leave the bottom from 1901^m.

Pilot Terry Kerby
 Ops. Mgr. JK

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