

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-074

MISSION STATUS

Location: NW Rift Hualalai Volcano
Mission Date: June 17, 1988
Maximum Depth: 1030 m.
Project Title: Hualalai Volcano Rift Zone
Project Leader: Jim Moore
Address: U.S. Geological Survey, MS/900
Menlo Park, CA 94025
Phone: (415) 329-5244
Observers: Wendy Bohrson, Jim Moore
Address: U.S. Geological Survey, MS/900
Menlo Park, CA 94025

Scientific Data Acquired : Prepare an abstract outlining your objectives, techniques, findings, etc.

Objective was to collect lava from vents on crest of rift zone ridge ... and to look for deepest coral reefs crossing rift zone. Six samples of basalt were collected, and, it was established that the volcanic surface examined between 1030 - 860 m. has never been above sea level even though much deeper reefs flank rift zone.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Very strong current (approximately 0.5 knots from S) made sampling and communication difficult.

Recommendations for corrective action or improvement:

None.

In your opinion, did the mission essentially achieve its purpose? Compare actual work accomplished with the work that was expected to be accomplished.

Mission was very successful. Six samples collected and important observations and photos taken of features of volcanic vent areas on rift zone.

List specimens or samples collected on the mission.

Six samples of basaltic pillow joint blocks

Depth, m.

1. 1030
2. 1000
3. 935
4. 965
5. 860
6. 860

DATA RELEASE

Data may be retained by the project leader for up to 2 years after the mission date with the following exception. NOAA may request to use photos for publication or publicity purposes at any time.

Fill in the appropriate statement below and sign this form.

I hereby release the data archived by HURL for public consumption following mission Hualalai Rift Zone, P5-74
(project title) held on June 17, 1988 (date) in the following way:

- a. CTD data by June 17, 1990 (date)
- b. voice transcripts, video, and still camera film
by June 17, 1990 (date)
- c. other June 17, 1990 (date)
- d. I will give my written consent to individuals wishing to use these data prior to the above dates depending on the nature of the request(s).

Project Leader