

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-070

MISSION STATUS

Location: 400 m. reef - NW Rift Hualalai Volcano
Mission Date: June 10, 1988
Maximum Depth: 580 m.
Project Title: NW Rift Hualalai Volcano
Project Leader: J.G. Moore
Address: U.S. Geological Survey, MS 910
Menlo Park, CA 94025
Phone: (415) 329-5244
Observers: Dave Clague
Address: U.S. Geological Survey
Menlo Park, CA 94025

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

Traverse along 500 m. contour and primarily collect basalt samples in order to better understand evolution of Hualalai volcano. Seven lava samples were collected and one good coral sample for dating. Good video was acquired of abundant house-sized blocks of limestone which have calved off reef face and tumbled downslope.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None.

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.

Yes, collected 7 basalt samples all of which are younger than 400 m. reef which will provide constraints on time-compositional history of Hualalai Volcano.

List specimens or samples collected on the mission.

- 1 basalt
- 2 basalt
- 3 basalt
- 4(A) coral
- 4(B) basalt
- 5 basalt
- 6 basalt
- 7 basalt
- 8 basalt

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, Hawaii
(project title) held on June 10, 1988 (date) in the following way:

- a. CTD data by June 10, 1990 (date)
- b. voice transcripts, video, and still camera film
by June 10, 1990 (date)
- c. other June 10, 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