

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-069

MISSION STATUS

Location: 1000 m. terrace. N. of Hualalai Rift Zone
Mission Date: June 9, 1988
Maximum Depth: 1010 m.
Project Title: Hualalai Rift Zone
Project Leader: J.G. Moore
Address: US Geological Survey, MS 910
Menlo Park, CA 94025

Phone: (415) 329-5244
Observers: Ken Hon
Address: USGS Hawaiian Volcano Obs.
Hawaii National Park
Hawaii 96718

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

This dive mission was to find and collect (for dating) carbonate from the 1000 m. terrace. A well-exposed segment of the coral reef was found and sampled in 3 places. Otherwise the reef was mantled by extensive lava flows.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None. Very productive dive.

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, dive successful. We had hoped to find and sample reef, and obtained 3 samples of reef material. The nature of reef outcrops indicate that the coral structures in the reef are in growth position.

List specimens or samples collected on the mission.

- 1 basalt
- 2 basalt
- 3 basalt
- 4 coral
- 5 (A) coral
- 5 (B) basalt
- 6 coral
- 7 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
(project title) held on June 9, 1988 (date) in the following way:

- a. CTD data by June 9, 1990 (date)
- b. voice transcripts, video, and still camera film
by June 9, 1990 (date)
- c. other June 9, 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