

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-067

MISSION STATUS

Location: Hualalai Rift Zone. 150 m. rift

Mission Date: June 7, 1988

Maximum Depth: 220 m.

Project Title: Hualalai Rift Zone

Project Leader: J.G. Moore

Address: U.S. Geological Survey
Menlo Park, CA 94025

Phone: (415) 329-5244

Observers: Robert Halley, Dave Clague

Address: US Geological Survey US Geological Survey
Quissett Campus Menlo Park, CA 94025
Bldg. B
Woods Hole, MA 02543

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

The 150 m. reef was followed where it crosses the Hualalai Rift Zone and found that there was no lava draping and no structural dislocation. Hence this helps constrain activity of the volcano and its rift zone.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

The northern miniranger failed to operate. This was USGS responsibility.

Recommendations for corrective action or improvement:

Have corrected.

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

Yes, findings were chiefly negative since no lava and no faulting seen. But a broad selection of coral samples were recovered.

List specimens or samples collected on the mission.

1(A) algae ball
1(B) algae ball - Rhodolith
2 soft, bored, coral chunk
3 large - good coral
5 rather dense limestone

(no sample 4)

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 7, 1988 (date) in the following way:

- a. CTD data by June 7, 1990 (date)
- b. voice transcripts, video, and still camera film
by June 7, 1990 (date)
- c. other June 7, 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