

HAWAII UNDERSEA RESEARCH LABORATORY  
QUICK LOOK REPORT MISSION NO. P5-073

## MISSION STATUS

Location: 1200 m. reef Hualalai slope  
Mission Date: 15 June 1988  
Maximum Depth: 1280 m.  
Project Title: Hualalai Rift Zone, Hawaii  
Project Leader: Jim Moore  
Address: U.S. Geological Survey  
345 Middlefield Road  
Menlo Park, CA 94025  
  
Phone: (415) 325-5244  
Observers: Bill Normark, Al Whitcomb  
Address: U.S. Geological Survey  
345 Middlefield Road  
Menlo Park, CA 94025

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

Objective was to examine 1200 m. reef/terrace slope to collect lava and reef (carbonate) samples for analysis and dating.

The reef slope is mostly carbonate debris, generally cemented, with a thin veneer of unconsolidated mud to coarse sand-size sediment. Lava talus was observed at 4 localities along the reef slope but only in one of these areas was apparently in situ lava outcrops observed.

## MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None with dive proper. Sample basket was filled and last sample collected was lost at surface in rough seas.

Recommendations for corrective action or improvement:

None - only less sample material, bigger basket or better seas could have solved problem.

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

About 3 km. of reef front was observed. Part of the planned transect was west of dive control points because of marginal position control during part of the dive.

List specimens or samples collected on the mission.

1. carbonate reef
2. carbonate reef
3. basalt
4. basalt
5. basalt
6. basalt (later lost)

## 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 15 June 1988 (date) in the following way:

- a. CTD data by 15 June 1990 (date)
- b. voice transcripts, video, and still camera film  
by 15 June 1990 (date)
- c. other 15 June 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).

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Project Leader