

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-075

MISSION STATUS

Location: South flank of Mahukona volcano, to include
1350 m. slope break

Mission Date: 18 June 1988

Maximum Depth: 1495 m.

Project Title: SW Rift of Hualalai Volcano

Project Leader: J.G. Moore

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

Phone: (415) 329-5244

Observers: Bill Normark, J.G. Moore

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

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

Photographed and sampled basalt and reef carbonate on southwest side of Mahukona Volcano. Major break in slope near 1400 m. corresponds to reef edge. Extensive volcanic flows, mostly pillow-lava ridges, cover much of the slope above 1400 m.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None; a thruster relay problem was quickly fixed.

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.

The sampling and geologic traverse completed all major dive objectives.

List specimens or samples collected on the mission.

P5-075: 1. basalt
 2. coral reef
 3. coral reef
 4. basalt
 5. basalt
 6. basalt
 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 SW Rift Hualalai Volcano
(project title) held on 18 June 1988 (date) in the following way:

- a. CTD data by 18 June 1990 (date)
- b. voice transcripts, video, and still camera film
by 18 June 1990 (date)
- c. other 18 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).

Project Leader