

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-071

MISSION STATUS

Location: NW Rift Zone Ridge Hualalai
Mission Date: June 11, 1988
Maximum Depth: 1385 m.
Project Title: Hualalai Rift Zone, Hawaii
Project Leader: J.G. Moore
Address: U.S. Geological Survey, MS 910
Menlo Park, CA 94025

Phone: (415) 325-5244
Observers: Dave Clague
Address: U.S. Geological Survey
Menlo Park, CA 94025

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

Objective was to examine volcanic features at crest of rift zone ridge and to collect lava samples for analysis. The rift zone ridge between 1300 - 1180 m. depth is surmounted by numerous low knolls which are probably volcanic vents. But because of the age of this feature, pillow lava substrate is intimately fractured and mantled with pillow joint-block talus.

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.

About 2 km of ridge crest was traversed and 8 well-located samples were taken generally from crests of vent knolls. The extent of talus cover - even up to the top of ridges and knolls - was unexpected.

List specimens or samples collected on the mission.

1. basalt
2. basalt
3. basalt
4. 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 NW Rift Hualalai Volcano, Hawaii (project title) held on June 11, 1988 (date) in the following way:

- a. CTD data by June 11, 1990 (date)
- b. voice transcripts, video, and still camera film by June 11, 1990 (date)
- c. other June 11, 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