

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-390

MISSION STATUS

Location: Mauna Loa

Mission Date: Oct 2

Maximum Depth: 1406

Project Title: Loihi Submarine Eruption / Hawaiian Volcanism

Principal Investigator: Michael Garcia

Address: Geology-Geophysics
UH

Phone: 956-6641

Observer 1: Mike Garcia

Observer 2: Ken Rubin

Address:

Address: As Above

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

As previous report for objectives and techniques.

Findings: Wall is composed of abundant dikes and breccia. Breccia fragments are dense rocks, more dike like. They may be subaerial in origin as predicted by Moore & Chadwick (1988) or dense submarine rocks. S analyses of glass will tell which ~~the~~ model is correct. Nine rock samples collected.

Dive 390

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Dive went very smoothly; no problems whatsoever

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, except only bottom to middle part of hill was sampled/observed.

List specimens or samples collected on the mission.

Nine rock samples collected; 1 dike; 8 breccia

Dive 390

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 toi Hawaiian Volcanism (project title)

held on Oct 2, 1998 (date) in the following way:

- a. CTD data by Now (date)
- b. voice transcripts, video, and still camera film by 1 year (date)
- c. other 1 year (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).

 Principal Investigator