

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-187

MISSION STATUS

Location: Loihi
Mission Date: Sept. 19, 1991
Maximum Depth: 2000m
Project Title: Loihi Rocks
Project Leader: Michael Garcia
Address: Geology - Geophysics Dept.
University of Hawaii
Honolulu, HI 96822

Phone: 956-6641
Observers: David Foss
Address: Same as above

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

Objective: To collect a stratigraphic sequence from the dissected flank of Loihi and to examine the drop site for a tiltmeter.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Late start (approx. 2 hours) of dive.

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.

Main objective was accomplished. A good suite of samples was collected. We observed interesting features such as "ropy" lavas and numerous dikes.

List specimens or samples collected on the mission.

Nine basalt specimens collected.

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 Loihi rocks
(project title) held on Sept. 19, 1991 (date) in the following way:

- a. CTD data by N/A (date)
- b. voice transcripts, video, and still camera film by Sept. 1992 (date)
- c. other Sept. 1991 (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