

**HAWAII UNDERSEA RESEARCH LABORATORY**  
**QUICK LOOK REPORT MISSION NO. P5-287**

**MISSION STATUS**

**Location:** Loihi

**Mission Date:** 8/9/96

**Maximum Depth:** 1219 m

**Project Title:** Loihi Quick Response

**Principal Investigator:** Frederick Duennebier

**Address:** Geology & Geophysics Dept.  
School of Ocean & Earth Science & Technology  
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**Phone:** (808)956-4771

**Observer 1:** J. Resing

**Observer 2:** J. Reynolds

**Address:** Dept. of Oceanography  
University of Hawaii  
Honolulu, HI 96822

**Address:** Hawaii Volcanoes  
Observatory  
Hawaii National Park,  
HI 96718

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

**MISSION EVALUATION:**

**Limitations, failures, or operational problems noted:**

CTD into sub failed to operate for display on computer screen. I got cold. We were unable to collect the white sediment.

**Recommendations for corrective action or improvement:**

A better sediment scoop ???

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

Yes and No. Obviously we wanted venting hot water - but that was probably not realistic given the situation.

**List specimens or samples collected on the mission.**

Sediment sample

2 Niskins

13 sub based water samples

DATA RELEASE

Dive P5-287

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 Quick Response (project title)

held on 8-9-96 (date) in the following way:

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

This dive was a charter paid for by the National Science Foundation; thus NSF data protection rules apply

\_\_\_\_\_ Principal Investigator