

**HAWAII UNDERSEA RESEARCH LABORATORY**  
**QUICK LOOK REPORT MISSION NO. P5-293**

**MISSION STATUS**

**Location:** Submarine north flank Molokai: canyon at 156°53' , 21°18'

**Mission Date:** September 3, 1996

**Maximum Depth:** 1561m

**Project Title:** Extent and depth of landsliding, north flank Molokai

**Principal Investigator:** Robin T. Holcomb

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

Objective was to sample basalts and any other in place units identified during a survey of the west wall of canyon at 156°53'. Secondary objective was to describe and sample structure in east fork of canyon (at 21°17.2').

Both objectives were met, as well as a third target (the east canyon wall) because efficient sampling provided additional bottom time. The vertical (1561m to 1270m) and horizontal (~2 naut. miles) range of this dive allowed us to put together an accurate stratigraphy for comparison to other dives. In addition, each significant unit in the stratigraphy was sampled.

**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.**

Yes. Because of addition of third objective during dive, actually accomplished more than planned, and pilot was able to provide a longer traverse than planned.

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

PV 293 1 through 8; basalts and sediment

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

Extent and depth of landsliding, north flank Molokai (project title)

held on 9-3-96 (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).

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