

HAWAII UNDERSEA RESEARCH LABORATORY  
QUICK LOOK REPORT MISSION NO. P5-255

## MISSION STATUS

Location: SW side of Penguin Bank  
Mission Date: October 15, 1993  
Maximum Depth: 1850 m  
Project Title: Past Sea Levels off Molokai  
Principal Investigator: James G. Moore, Dave Clague  
Address: U.S. Geological Survey  
MS-910  
Menlo Park, CA 94025  
Phone: (415) 329-5244  
Observers: Dave Clague  
Addresses: U.S. Geological Survey  
Hawaiian Volcano Observatory  
Hawaii National Park, HI

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

Objective was to collect suite of lavas in context from Molokai volcano. Collected 15 lavas and 2 coral samples.

## MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None - all systems operated superbly.

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. 17 samples collected.

List specimens or samples collected on the mission.

(1) Lava	(10) Lava
(2) Lava	(11) Lava
(3) Lava	(12) Lava
(4) Limestone	(13) Lava
(5) Lava	(14) Lava
(6) Lava	(15) Lava
(7) Lava	(16) Lava
(8) Lava	(17) Limestone
(9) Lava	

## 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 Past Sea Levels off Molokai (project title) held on October 15, 1993 (date) in the following way:

- a. CTD data by October 15, 1994 (date)
- b. voice transcripts, video, and still camera film by October 15, 1994 (date)
- c. other October 15, 1994 (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