

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-218

MISSION STATUS

Location: South central flank of Penguin Bank
Mission Date: September 10, 1992
Maximum Depth: 1500 m
Project Title: Coral Reefs South of Lanai
Project Leader: James G. Moore
Address: U.S. Geological Survey MS 910
Menlo Park, CA 94025
Phone: (415) 329-5244
Observers: Dave Clague and James Moore
Address: Hawaiian Volcano Observatory
Hawaii National Park, HI 96718

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

The dive was intended to sample lava from the Penguin Bank volcano and to sample overlying coral reefs for dating. No lava was encountered or sampled. However, a whole series of drowned coral reefs were found and 10 samples of coral collected. The "Fingers" of Penguin Bank, well known to local fishermen, prove to be drowned patch reefs and not volcanic constructs.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None - except final of 3 dives - the one after this one -
was cancelled due to Hurricane Iniki.

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, program was successful.

List specimens or samples collected on the mission.

10 Samples:

P218-1	-875	20°56.6'	157°24.3'
P218-2	-875	20°56.6'	157°24.3'
P218-3	-680	20°57.1'	157°24.5'
P218-4	-680	20°57.1'	157°24.5'
P218-5	-525	20°57.2'	157°24.6'
P218-6	-525	20°57.2'	157°24.6'
P218-7	-525	20°57.2'	157°24.6'
P218-8	-415	20°57.3'	157°24.6'
P218-9	-325	20°57.4'	157°24.7'
P218-10	-325	20°57.4'	157°24.7'

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 Dive 218 - Coral Reefs South of Lanai (project title) held on September 10, 1992 (date) in the following way:

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

Project Leader