

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-161

MISSION STATUS

Location: Mahukona Seamount
Mission Date: 10 October 1990
Maximum Depth: 2010 m
Project Title: Petrology of Mahukona Seamount
Project Leader: Dr. Mike Garcia
Address: Geology and Geophysics Dept.
University of Hawaii
Honolulu, HI 96822
Phone: 956-6641
Observers: Mark Kurz
Address: Chemistry Dept.
Woods Hole Oceanographic Inst.
Woods Hole, MA 02543

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

Objective: To examine and sample the SW ridge of Mahukona.

Results: SW ridge is nearly flat (± 50 m) with local highs that were probably vents. Sediment alternates with pillow outcrops. Recovered 6 nice glassy samples.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

No cameras or sonar.

Recommendations for corrective action or improvement:

Hand-held video and SLR used.

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

Yes.

List specimens or samples collected on the mission.

6 lava samples.

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 Petrology of Mahukona Seamount
(project title) held on 10-10-90 (date) in the following way:

- a. CTD data by Anytime (date)
- b. voice transcripts, video, and still camera film
by 1 year (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).

Project Leader