HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. P5-076

MISSION STATUS

Location: Hualalai Volcano

Mission Date: June 20, 1988

Maximum Depth:

Project Title: Hualalai Rift Zone

Project Leader: Jim Moore

Address: U.S. Geological Survey, MS/910
                     Menlo Park, CA 94025

Phone: (415) 329-5244

Observers: J. Moore, A. Whitcomb

Address:

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

   Objective was to collect lava samples on volcano face N. of Rift Zone ridge of Hualalai Volcano. Also to observe for reefs and other sea level features. Nine lava samples recovered and bedded beach (?) deposit and coral reef observed.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Thruster failed in final recovery operations, requiring tethered recovery.

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. Collected 9 samples of recovered pillow basalt for analysis. Also observed well-bedded reddish basalt cinders near coral reef material. Collected cinders, but failed to get limestone.

List specimens or samples collected on the mission.

1.   Basalt lava
2.   Basalt lava
3.   Basalt lava
4.   Basalt lava
5.   Basalt lava
6.   Basalt lava
7.   Basalt lava
8.   Basalt lava
9 (A)   Basalt lava
9 (C)   Basalt cinders

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 ___Hualalai Rift Zone_____ (project title) held on ___June 20, 1988____ (date) in the following way:

    a. CTD data by ___June 20, 1990____(date)

    b. voice transcripts, video, and still camera film
       by ___June 20, 1990_____(date)

    c. other ___June 20, 1990_____(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