

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-087

MISSION STATUS

Location: South Rift, Cross Seamount
Mission Date: 27 July 1988
Maximum Depth: 1850 m.
Project Title: Cobalt Crust Study
Project Leader: A. Malahoff
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Department of Oceanography
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Honolulu, HI 96822
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Observers: K. Kelly, A. Malahoff
Address: University of Hawaii
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1000 Pope Road
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Scientific Data Acquired : Prepare an abstract outlining your objectives, techniques, findings, etc.

A vertical traverse of the South Rift zone was undertaken, beginning at a water depth of 1850 m. and terminating at 1350 m. The geology encountered included exposed dike rocks in the form of pinnacles 100 m. high, talus and sediment fields and a few patches of coalesced manganese crust. Mechanical erosion of the seamount is predominant over the landscape.

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.

List specimens or samples collected on the mission.

Rock 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 "Stratigraphy of Mn Crust"
(project title) held on 7/27/88 (date) in the following way:

- a. CTD data by 7/27/89 (date)
- b. voice transcripts, video, and still camera film
by 7/27/89 (date)
- c. other 7/27/89 (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