

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-088

MISSION STATUS

Location: Cross Seamount
Mission Date: 28 July 1988
Maximum Depth: 1500 m.
Project Title: Cobalt Crust study
Project Leader: A. Malahoff
Address: University of Hawaii
Department of Oceanography
1000 Pope Road MSB 319
Honolulu, HI 96822

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Observers: K. Kelly, A. Malahoff
Address: University of Hawaii
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Scientific Data Acquired : Prepare an abstract outlining your objectives, techniques, findings, etc.

Mapped the morphology, continuity and distribution of manganese crusts on the southern flank of Cross Seamount. The dominant geology of the traverse between 1500 and 500 m. on the summit was the ubiquitous presence of talus. Coalesced, cemented talus was extensively observed 800 and 500 m. water depth. However the thickness of the crust was observed to be less than one centimeter.

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.

Five 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 7/28/88 (date) in the following way:

- a. CTD data by 7/28/89 (date)
- b. voice transcripts, video, and still camera film
by 7/28/89 (date)
- c. other 7/28/89 (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