Cruise DRFT06RR: Nazca Ridge - Rapa Nui
DREDGE ROCK DATABASE - Summary

Cruise Number: DRFT06RR
Sampling Device: Dredge
Collection Date: Nov 23, 2001
Time: 01:07 Z

Stored In: bags 1 buckets

Latitude: 24° 9.33’ N S: S
Longitude: 84° 9.12’ E W: W
Water Depth: 3500 m

Chief Scientist: Naar
Physiographic Province: Seamount
General Lithology: Igneous-extrusive/volcanic

Specific Lithologic Description

**IGNEOUS:**
- Intrusive
- Hypabyssal
- Extrusive Vesic. basalt Ol-plg phyric basalt
- Pyroclastic Glass frags.; hyaloclastite

**SEDIMENTARY:**
- Detritral Clastic
- Chemical Mn/Fe oxide crusts and nodules
- Organic Limestone

**METAMORPHIC:**

**SEDIMENTS:**
- Calcereous ooze (>30% calcereous)

Mineralogy Plg+Ol
Weathering / Metamorphism Light - moderate; some heavy
Glass remarks / MnFe oxide >50% palagonitized glass

Sample Description A mixed bag, predominantly Mn nodules and crusts and encrusted sediments. Also, 5 pieces of igneous rock: 1. very fine grained, plag-ol-cpx(-?)-phyric basalt and fresh glass fragments cemented in calcereous sediment and Mn; 2. two pcs. palagonitized glass fragments cemented in calc. sed. and Mn; 3. one pc. olivine-phyric vesicular, fine-grained basalt. Also, 2 pcs. sponge.

Picture

![Picture](image.png)