



# Cruise DRFT06RR: Nazca Ridge - Rapa Nui

## DREDGE ROCK DATABASE - Summary



Cruise Number: DRFT06RR Station Number: D-74  
 Sampling Device: Dredge Sample Numbers:  
 Collection Date: Nov 8, 2001  
 Time: 22:00 Z

Stored In: 2 bags buckets

Latitude: 17° 15.64' N S: S Decimal Latitude: -17.261  
 Longitude: 78° 10.01' E W: W Decimal Longitude: -78.167

Water Depth: 3050 m

Chief Scientist: Naar

Physiographic Province: Seamount

General Lithology: Sedimentary-organic

### Specific Lithologic Description

**IGNEOUS:**  
 Intrusive  
 Hypabyssal  
 Extrusive  
 Pyroclastic

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

**METAMORPHIC:**

**SEDIMENTS:** Calcareous sand (forams/ptero.)

Mineralogy

Weathering / Metamorphism

Glass remarks / MnFe oxide No glass

**Rock Descriptions**

**Sample Description** 5 fragments of Mn/Fe crusts and 2 fragments of Mn/Fe encrusted indurated mud. 5mm thick Mn coating on larger sediment chunk. Mn crusts themselves up to 1.5 cm thick.

**Comments** Seamount at NE end of Nazca Ridge just beyond Peru's 200 nm limit; 2 bags stored in bucket with D-75

Picture



**Other Photos**