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

Cruise Number: DRFT06RR
Sampling Device: Dredge
Collection Date: Nov 11, 2001
Time: 01:00 Z
Stored In: 1 bags

Latitude: 19° 26.81' N S: S
Longitude: 80° 15.96' E W: W
Water Depth: 2960 m

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

Specific Lithologic Description

<table>
<thead>
<tr>
<th>IGNEOUS:</th>
<th>SEDIMENTARY:</th>
<th>METAMORPHIC:</th>
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<tbody>
<tr>
<td>Intrusive</td>
<td>Detrital Clastic</td>
<td>Chemical</td>
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<tr>
<td>Hypabyssal</td>
<td>Hyaloclastite breccia</td>
<td>Organic</td>
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<tr>
<td>Extrusive</td>
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<tr>
<td>Pyroclastic</td>
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</tbody>
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Hyaloclastite w/glass shards up to 1 cm.

Mineralogy
Weathering / Metamorphism: Mn crust
Glass remarks / MnFe oxide: Some fresh glass, some palagonite

Sample Description: 1 piece - 50 gm sample of Mn encrusted hyaloclastic breccia w/abundant fresh glass shards up to 1 cm. Sample size 5.5 x 4 x 1.5 cm.

Comments

Picture