SAMPLE DESCRIPTION

Cruise Id: F10-89-CP Size: 25 x 26 x 16 (cm) Location: Karin Seamount

Sample Id: KS-D1-6 Weight: 5 kg (kg) Depth: 1805~1815 (m)

Mn Crust Description

Surface Texture: Smooth / recent layer probably eroded off

Mn Crust Thickness (mm):

Min: 10 Max: 26 Ave: 18

Layers (Outer to Inner)(mm):

	Min	Max	Ave	Texture & Color
1.				
2.				
3.				
4.				
5.				
6.				

F10-89-CP
KS-D1-6

Comments and XRD Mineralogy:

· Massive and dense
· Cream-colored phosphorite veinlets in lower part of crust
< 1 mm porous, near crust growth on surface of massive older crust generation —
good evidence for erosion of younger crust on the seafloor by mass wasting processes -

Substrate Description

Rock Type: Basalt

Description:

Cream-colored phosphorite veinlets and tiny grains; relatively fresh to moderately altered - grey

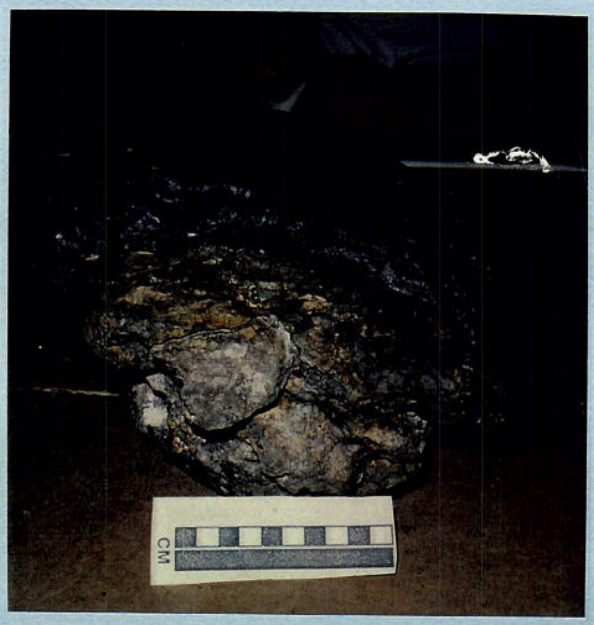
Biology ?:

ANALYSI

Subsample Number	Analysis	LayerThickness

Described By: Yoon Kang

Subsampled By:



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