SAMPLE DESCRIPTION

Cruise Id: F10-89-CP Size: 23 x 17 x 9.5 (cm) Location: Karin Seamount

Sample Id: KS-D1-9 Weight: 3.5 (kg) Depth: 1705-1815 (m)

Mn Crust Description

Surface Texture: Botryoidal and granular

Mn Crust Thickness (mm):

Min: 5 Max: 37 Ave: 21

Layers (Outer to Inner)(mm):

Min	Max	Ave	Texture & Color
1. 2	30	16	Porous / dark black
2. 2	7	4	Massive and dense
3.			
4.			
5.			
6.			

needs corrected

F10-89-CP

KS-D1-9

Comments and XRD Mineralogy:

· Some pores in layer 1 filled with clay or phosphorite

· Some phosphorite veinlets in massive layer 2

ANALYS

Subsample Number	Analysis	LayerThickness

Substrate Description

Rock Type: Basalt

Description:

Phosphorite appears in small (<1mm) nodular fractions and veinlets

Biology ?:

Described By: Yoon Subsampled By: