SAMPLE DES[illegible]PTION

Cruise Id: F10-89-CP Size: 16 x 11 + 7 cm (cm) Location: Karin Seamount

Sample Id: KS-D1-19 Weight: 1 kg (kg) Depth: 1815-1705 (m)

Mn Crust Description

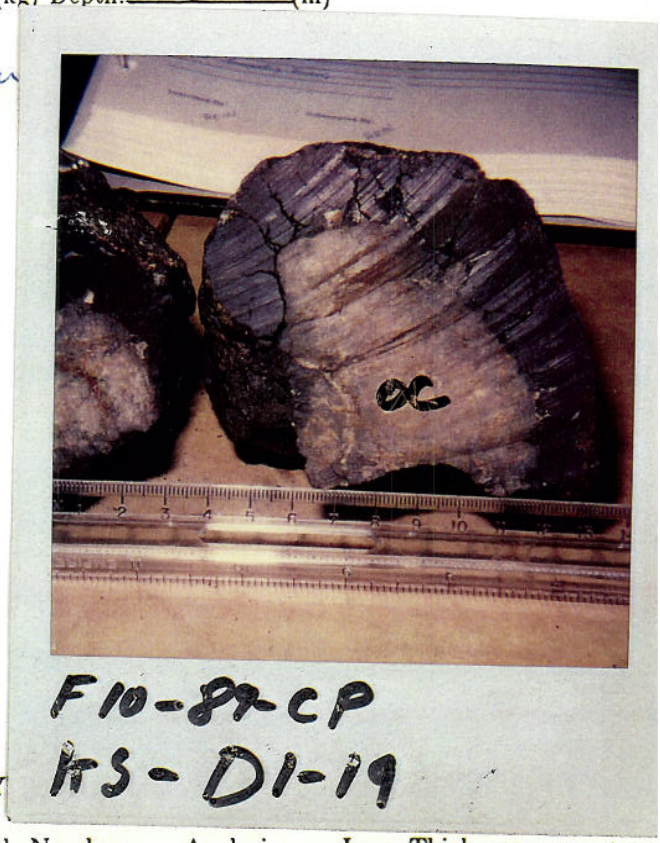
Surface Texture: Subdued botryoidal to granular

Mn Crust Thickness (mm):

Min: 12 Max: 25 Ave: 16

Layers (Outer to Inner)(mm):

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



Comments and XRD Mineralogy:

phosphorite veins in lower crust & substrate

ANALY

Subsample Number	Analysis	LayerThickness
D1-19A	CC	Bulk - 0-16 mm (2[illegible]
	XRD	
D1-19B	OC	Bulk Substrate (2[illegible]
	XRD	

Substrate Description

Rock Type: Phosphorite

Description: Massive - dense, chocolate brown to gray to pale brown Mn dendrites

Biology ?: Encrusting Forams

Described By: HEIN

Subsampled By: HEIN