SAMPLE DESCRIPTION

5x5x4, 4x4x2
9x6.5x4 3.5x4x1.5

Cruise Id: F10-89-CP Size: 9x7x4.2 (cm) Location: KARIN SEAMOUNT

Sample Id: D1-20 Weight: 1.5 (kg) Depth: 1815-1705 (m)

F10-89-CP
D1-20

Mn Crust Description

Surface Texture: Smooth to granular Botyriodal in some samples.

Mn Crust Thickness (mm):
Min: 1 Max: 5 Ave: 2

Layers (Outer to Inner)(mm):

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

Comments and XRD Mineralogy:

FIVE PEBBLE-SIZED PIECES
① Crust fragments floating in phosphorite

Substrate Description

Rock Type: Sedimentary breccia; basalt + phosphorite

Description:
Mn Crust Fragments floating in gray to cream phosphorite cement
BASALT - GREY APHANITIC, TINY INFILL FRACTURES OF MN, encrusted with creme-coloured phosphorite

Biology ?: —

ANALY

Subsample Number	Analysis	LayerThickness

② BASALT CLAST WITH ATTACHED PHOSPORITE ENCRUSTATION - THIN VENEER OF δMnO_2.

(4+5) variegated pieces of phosporite w patina of δMnO_2

Described By: Olson

Subsampled By: