PLE DESCRIPTION

Cruise Id: FIO-89-CP Size: 10.5X 8.5X 7 (cm) Location: KARIN SEAMOUNT

Sample Id: KS-D1-22 Weight: 1 (kg) Depth: 1815-1705 (m)

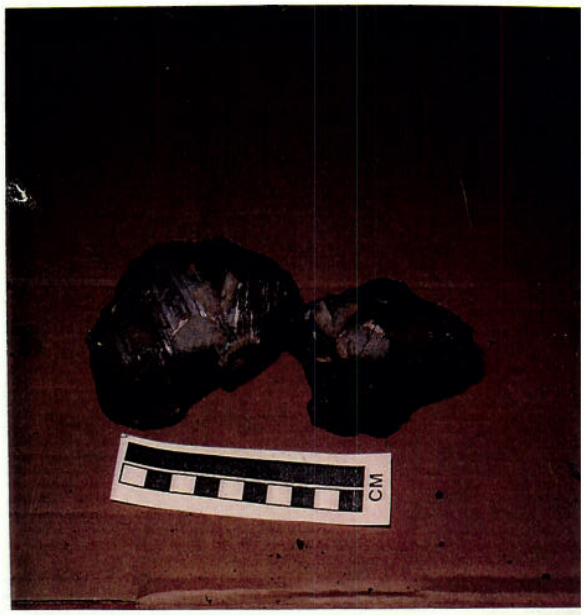
Mn Crust Description

Surface Texture: smooth
Small-scale botryoidal

Mn Crust Thickness (mm):
Min: 10 Max: 30 Ave: 25

Layers (Outer to Inner)(mm):

	Min	Max	Ave	Texture & Color
1.	1	3	2	Porous
2.	1	27	15	MASSIVE LAYER, WITH FLOATING CLASTS OF BASALT; PHOSPHORITE veins & INFILLED VESICLES
3.				
4.				
5.				
6.				



FIO-89-CP
KS-D1-22

Comments and XRD Mineralogy:
PHOSPHORITE VIENS ARE RANDOMLY oriented
NONE PARARELL TO BEDDING PLANES

ANALYS

Subsample Number	Analysis	LayerThickness

Substrate Description

Rock Type: Sedimentary Breccia

Description:
BASALT CLAST: GREY, APHANITIC
ALTERED BASALT CLAST: RUST COLOURED,
SMALL VESICLES in a Fe-Mn
oxide Cement

discontinuously
phosphorite coats some
clasts

Biology ?:

Described By: OLSON Subsampled By: