SAM[illegible]ION

Cruise Id: F10-89-CP Size: 15x8x5 cm (cm) Location: KARIN SEAMOUNT

Sample Id: KS-D1-12 Weight: 1 kg (kg) Depth: 1815-1705 (m)

Mn Crust Description

Surface Texture: SMOOTH, VITREOUS APPEARANCE, UPPER CRUST MISSING

Mn Crust Thickness (mm):
Min: 15 Max: 30 Ave: 20

Layers (Outer to Inner)(mm):

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

F10-89-CP
KS-D1-12

Comments and XRD Mineralogy:

UPPER CRUST MISSING. MASSIVE LOWER CRUST, BLACK, WITH VEIN OF PHOSPORITE IN CENTER, MINUTE CRACKS INFILLED WITH PHOSPORITE PARALLEL WITH BEDDING PLANE, WITH A FEW PERPENDICULAR

ANALYS

Subsample Number	Analysis	LayerThickness

Substrate Description

Rock Type: BASALT (LARGE PEBBLE)

Description: APHANITIC WITH IRON OXIDE DIFFUSION ALONG FRACT. PHOSPORITIC INFILLED VESICLES

Biology ?: —

Described By: OLSON

Subsampled By: