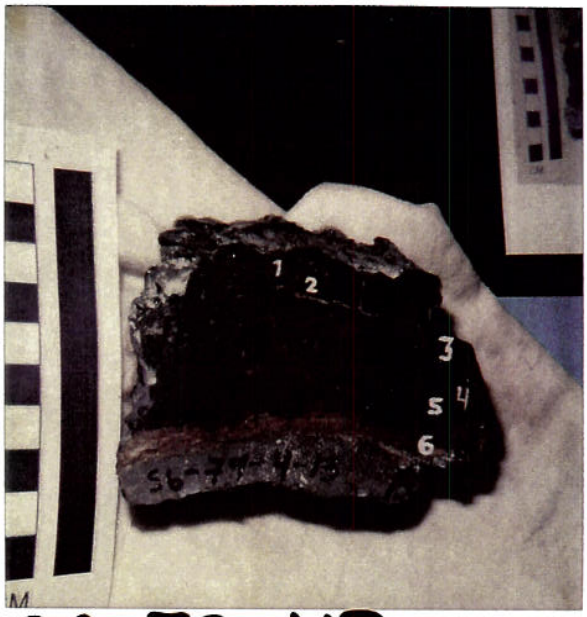
56-79-NP

SAMPLE DESCRIPTION

Cruise Id: S6-79-NP Size (cm): 6x10 cm (SLABBED) Location: ~~[illegible]~~ GULF OF ALASKA (NORTH PACIFIC)

Sample Id: 4-13 Weight (kg): _____ Depth (m): _____



NUMBERS ON SAMPLE (1-6) REFER TO Sr DATING PROJECT

Mn Crust Description

Surface Texture: SMOOTH TO MODERATELY ROUGH - SLIGHT BUBBLY OR BOTRYOIDAL TEXTURE

Mn Crust Thickness (mm):

Min: 35 Max: 43 Ave: 39

Outer to Inner Layers (mm)

	Min	Max	Ave	Texture & Color
1	0	12		BLACK TO GREY WITH METALLIC LUSTER
2	12	27		"
3	28	38		"
4	SUBSTRATE			
5	40	55	ABOUT 15mm THICK	(SEE BELOW)
6				

Comments and XRD Mineralogy:

Subsample No.	Analysis	Layer Thick.	Wt.(g)
D4-13 A	BULK CC&FEE, XRD, NE	~ 9g	0-39mm
D4-13 B	CC ~~[illegible]~~	0-12mm 6g	8.49
D4-13 C	CC	12-27mm	6.0g
D4-13 D	CC	28-38mm	6.0g
~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~

Substrate Description

Rock Type: GRAY VOLCANIC (?) BELOW WITH AN ORANGISH PHOSPHATIC (?) COATING ABOVE, FOLLOWED BY MANGANESE.

Description:

SAMPLE #'s ON PHOTO → #1-6 REFER TO Sr DATING PROJECT - SEE Sr PROJECT NOTE BOOK.

30 Apr 98 Sent pce to Alex Halliday @ Michigan

Biology (?):

Described by: W. BLUECHL

Subsampled by: W. BLOECHL

D4-13

JPEG → (martin.frank@erdw.ethz.ch