DREDGE 67
Mariana Is.
Back-Arc

SAMPLE ID	Mn CHEM	Pt & Au	REE	Si Chem	P.Sect.	35mm Pho	Archive	Paleo				
D67				✓								

Mariana Islands

Cruise I.D: TT-192

9.5x6.5x2.5 cm

Sample Description

Sample I.D: Sta: D 67

Location: Back Arc

Depth 3430 - 2970m

Size: _____ Weight: 132.8 gram (dry)

Mn crust thickness:

Total: min: 1 mm max: 2 mm ave: 1.5 mm

Inner crust: min: _____ max: _____ ave: _____

Outer crust: min: _____ max: _____ ave: _____

Surface texture: porous granular

Internal structure: _____

layered: _____
laminated: _____
massive: _____
porous: _____
dendritic: _____
other: _____

D67 TT-192

Mariana Is

Mineralogy (XRD): _____

Associated alteration, phosphorite, or hydrothermal deposits: _____

Substratum:

Rock type: Siltstone Mudstone

Description: Siltstone Mudstone with worm tubes. Has a very thin Mn crust on top. Crust has open very porous structure, like a brown moss on the siltstone. Siltstone very friable.

Mineralogy (XRD): _____

Analyses and subsamples:

analysis:	analyst:
Silicate Chem on Siltstone D67-I	M. Morrison 10/12/87
XRD	
D67-II Siltstone	
D67-III Crust	
Crust sample probably contains some substrate impossible to avoid	