DREDGE 31
Eifuku Smt.

SAMPLE ID	Mn CHEM	Pt & Au	REE	Si Chem	P.Sect.	35mm Pho	Archive	Paleo				
D31-1												
D31-2												

Sample Description

Cruise I.D: ~~L5-83-HW~~ MARIANA ISLANDS

Sample I.D: Sta: D31

Location: Eifuku Seamount Lower Slope

Depth: 1715-1500m

Size: 6x4x.5cm (varies to 3x2x.3cm) Weight: 130 g bag of small broken pieces

Mn crust thickness:

Total: min: 2 max: 5mm ave: 4mm

Inner crust: min: max: ave:

Outer crust: min: max: ave:

Surface texture: Granular & smooth (Mn-sst) Scoraceous (basalt)

Internal structure:

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

Mineralogy (XRD):

Associated alteration, phosphorite, or hydrothermal deposits:

Substratum:

Rock type: Manganiferous Sandstone & Basalt

Description: Very fine grained, granular, porous, thin Mn-sst. Three pieces of black scoraceous massive basalt w/ abundant tiny vesicles.

Mineralogy (XRD):

MARIANA ISLANDS
D31-1

Analyses and subsamples:

analysis:	analyst:
XRD: D31-1-I: bulk Mn-sst	Charlaine
D31-1 - Bulk Mn-sst for CC - 20 gm, sample consists of selected Mn pieces (see photo on back)	

Get 31-2 back from R. Koski & Submit the Sulfide Mud for Sulfide Chem

D31-1

TT192 MARIANA IS