D22

Cruise I.D: ~~L5-83-HW~~ L5-85-NC

Sample Description

Sample I.D: Sta: D22-2 *

Location: Blanco F.Z. - Gorda Ridge intersection

Size: 16x13.5x11 cm Weight: 2.74 kg (sample is dry)

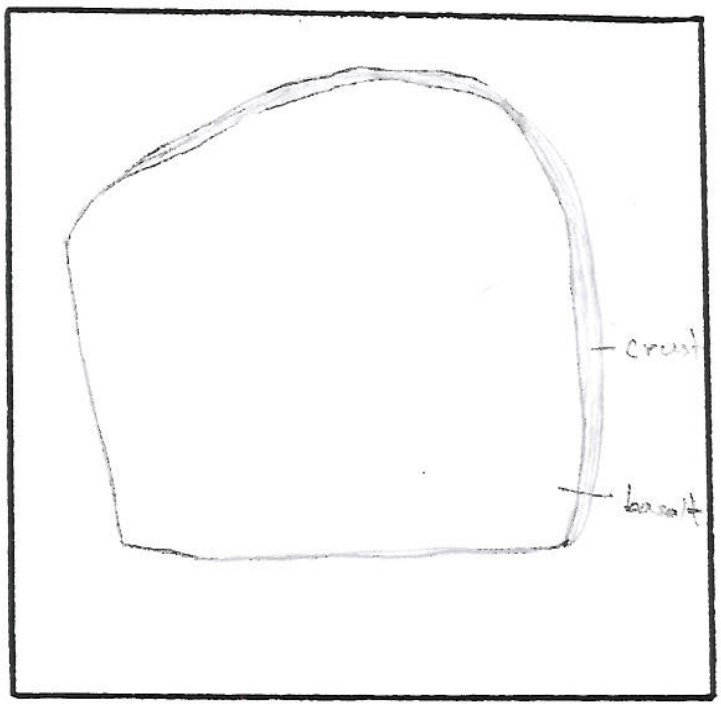
start: 43° 12.92', 126° 01.78'
end: 43° 14.48', 126° 59.53'
depth: 4207 - 2416 m

Mn crust thickness:

Total: min: 10 mm max: 3 mm ave: 1 mm

Inner crust: min: ____ max: ____ ave: ____

Outer crust: min: ____ max: ____ ave: ____



Surface texture: Granular botryoidal

Internal structure:

layered: slightly in places
laminated:
massive:
porous: slightly
dendritic:
other: [illegible]

Mineralogy (XRD):

Associated alteration, phosphorite, or hydrothermal deposits:

Substratum:

Rock type: Basalt

Description: [illegible]

Mineralogy (XRD):

Analyses and subsamples:

analysis:	analyst:
D22-2 - XRD of Mn Crust	[illegible]
D22-2 - chem. of " "	"
General chem:	
- major oxides (XRS)	
- minor + trace elements (ICP)	
- volatiles	
Pt Group	Floyd Brown (Reston)
Au analysis	Dave McKown (Denver)

* Note: There's another sample from 22D labeled "Mn+S2". Wall has it in marine metal lab

L5-85-NC

D22-2