D23

Sample Description

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

Sample I.D: Sta: D23D-M1 (my sample #)

Location: Blanco northscarp w. of Gorda intersection

start: 43°12.54', 127°06.18'
end: 43°13.94', 127°05.97'
depth: 4140-? (TDR bites at 3900m)

Size: 4x2.8x0.8 Weight: 5.1 gms (sample is dry)

Mn crust thickness:

Total: min: 3mm max: 8 mm ave: 5 mm

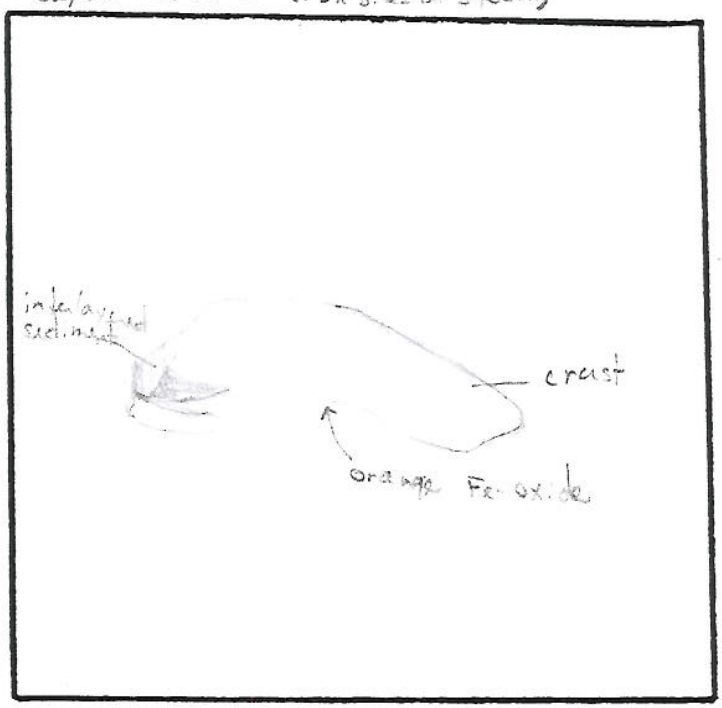
Inner crust: min: max: ave:

Outer crust: min: max: ave:

Surface texture: Granular irregular

Internal structure:

layered: ?
laminated:
massive:
porous:
dendritic:
other: Has a patch of interlayered clay?+ orange Fe-oxide?



Mineralogy (XRD):

Associated alteration, phosphorite, or hydrothermal deposits:
underside (?) has coating of orange Fe-oxide

Substratum:

Rock type: none

Description:

Mineralogy (XRD):

Analyses and subsamples:

analysis:	analyst:
XRD of crust	L. morgenson