D35

Sample Description

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

Sample I.D: Sta: D35-M1 ← my #

Location: President Jackson seamounts

Size: 5.5x4x4cm Weight: 94 gms (sample is dry)

start: 42°24.75', -127°41.01'
end: —
depth: 2274-2415 m

Mn crust thickness:

Total: min: 1mm max: 3mm ave: 2mm

Inner crust: min: max: ave:

Outer crust: min: max: ave:

Surface texture: Granular

Internal structure:

layered:
laminated:
massive:
porous: X, lightly porous
dendritic:
other:

Mineralogy (XRD):

ssociated alteration, phosphorite, or hydrothermal deposits:

Substratum:

Rock type: Very glassy basalt

Description:

Mineralogy (XRD):

Ana

analysis:

analyst:

Sample Description

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

Sample I.D: Sta: D35-2

Location: President Jackson Seamounts

Size: only hand stabbed piece other missing ~8x3x4.5cm

Weight: 100 gms (sample is dry)

start: 42°24.75', -127°41.01'
end: —
depth: 2274-2415 m

Mn crust thickness:

Total: min: 1mm max: 8mm ave: 3mm

Inner crust: min: max: ave:

Outer crust: min: max: ave:

Surface texture: smoothed granular

Internal structure:

layered:
laminated: X some places
massive:
porous:
dendritic:
other:

Mineralogy (XRD):

ssociated alteration, phosphorite, or hydrothermal deposits:

Substratum:

Rock type: very glassy basalt

Description:

Mineralogy (XRD):

Analyses and subsamples:

analysis:	analyst:

Sample Description

Cruise I.D: ~~25-83-NW~~ LS-85-NC

Sample I.D: Sta: D35-3

Location: President Jackson seamount

Size: ~7.5x7x3 (already slabbed)

Weight: 119 gms (sample in dry)

start: 42°24.75', -127°41.01'

stop: —

depth: 2274-2415 m

Mn crust thickness: none

Total: min: max: ave:

Inner crust: min: max: ave:

Outer crust: min: max: ave:

Surface texture:

Internal structure:

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

Mineralogy (XRD):

Associated alteration, phosphorite, or hydrothermal deposits:

Substratum:

Rock type: Claystone/hyaloclastite

Description: Sand to large pebble sized glass fragments matrix-supported by a muddy cement.

Mineralogy (XRD):

LS-85-NC

D35-3

Ana

analysis:

analyst: