DATE: 14 August 1984 SAMPLE: 39 DK box dredge
CRUISE ID: SO 33
LOC: VI
AREA: D (N of SP (see Guyot)

	time (GMT)	LAT (N)	LON (W)	water depth (m)	wire out
ON BOTTOM =	0518	9°10.742	164°49.795	~1262	1367
OFF BOTTOM =	0627				1208
mean dredge data (corrected):		9° 11' 28"	164° 50' 05"	1217 (666 fm)	

RECOVERY WEIGHT: total 8 kg crust 3 kg
5 kg basalt

CRUST THICKNESS: Veneer to 4 cm Avg 2.5 cm
2 generations

SUBSTRATE: basalt
(Germans say Blasenlava?)
(meaning vesicular)

COMMENTS:

* 1 bio sample

39 DK

Gesamtmenge: 8 kg
davon 5 kg blasiger Basalt
3 kg Mn-Kruste

39 DK 1 isolierte Mn-Krustenbruchstücke meistens um 1 cm mächtig

39 DK 2 Blasenlava, dicht, feinkörnig,
2-4 cm Krustenauflage, 2 Krustengenerationen
jüngere Kruste 0,5 cm lagiger Aufbau
ältere Kruste 0,5-1 cm muscheliger Bruch (concoidal fracture (?))
Krustenoberfläche glatt und knospig (1 cm Knospe) (bud)

Sample Description

Cruise I.D: So 33

Sample I.D: Sta: 39 DK

Location: SP Lee Survey area. 9°11'28" N 164° 50'05" W (-) 1217 m.

Size: _____ Weight: _____

Mn crust thickness:

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: _____

Description: _____

Mineralogy (XRD): _____

Analyses and subsamples:

analysis:	analyst: