DATE: 16 August
CRUISE ID: SO 33
LOC: VI
AREA: D

SAMPLE:
50 GK spade core

	time (GMT)	LAT (N)	LON (W)	water depth (m)	wire ou
ON BOTTOM =	0835	9°51.B	165°20.85	~ 2[illegible]	2793
OFF BOTTOM =	0835	"	"		2793

RECOVERY WEIGHT = 50 kg

CRUST THICKNESS =

SUBSTRATE =

COMMENTS: full of coarse white foraminiferal ooze. 3 cylindrical cores saved.
I sampled = top 1-3 cm
bulk
lower 5 cm

* smear slides made
* sediment samples

50 GK

2750
5250

*** **Petrographische Daten Sediment**

RV Sonne So 33 Midpac II 29.7 - 29.8.1984

Datum: 16.08.84 Areal: D Lokation: VI Station: 50 GK

Probennummer: 50 GK (bulk sample)

Längengrad, nk: — k:

navigation broken Get corrected Navigation when available

GMT 0835

Breitengrad, nk: — k:

Wassertiefe (m): 2750 Bereich (m):

Typ: white foraminiferal ooze Farbe: white

>63µm (Gew.%): < 63 um (Gew.%): 93.5% $CaCO_3$

residue is light color has clay-like properties (Grundlach)

Hpt. Bestd. Teile >63µm.:

Neb. Bestd. Teile >63µm.:

Hpt. Bestd. Teile <63µm.:

Neb. Best. Teile <63µm.:

H_2O-Gehalt (Gew.%):

In smear slide:

Bemerkungen: very clean, very little Fe-staining

315-500µ: Fe-stain on < 10%
45% Globogerina (sacculifer)
45% Globogerinella (siphonifera)
10% Globorotalia

125-200µ: Fe-stain on < 10%
50% broken foram fragments
20% Globogerinella (siphonifera)
20% Globogerina (sacculifer)
7% Globorotalia
3% Other → 1 radiolarian, sponge spicules, corroded diatoms

Sample Description

Cruise I.D: S033

Sample I.D: Sta: 50 GK

Location: S. P. Lee Sm area

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:

50GK1

Rock Type: Globigerina(?) Ooze

Color: Pinkish-gray (5YR 8/1)