All core view   Magnetostratigraphy   Lithology   Age model

Hole 767A	Recovery	Hole 767B	Hole 767C	Recovery	Magnetic polarity	Epoch	Age (Ma)	Lith. unit	Lithology	Description

Depth (mbsf)

Hole 767B cores: 1H, 2H, 3H, 4H, 5H, 6H, 7H, 8H, 9H, 10H, 11X, 12X, 13X, 14X, 15X, 16X, 17X, 18X, 19X, 20X, 21X, 22X, 23X, 24X, 25X, 26X, 27X, 28X, 29X, 30X, 31X, 32X, 33X, 34X, 35X, 36X, 37X, 38X, 39X, 40X, 41X, 42X, 43X, 44X, 45X, 46X, 47X, 48X, 49X, 50X, 51X, 52X, 53X, 54X, 55X, 56X, 57X, 58X, 59X, 60X, 61X, 62X, 63X, 64X, 65X, 66X, 67X, 68X, 69X, 70X, 71X, 72X, 73X, 74X, 75X, 76X, 77X, 78X

Hole 767C cores: 1R, 2R, 3R, 4R, 5R, 6R, 7R, 8R, 9R, 10R, 11R, 12R

Magnetic polarity / Epoch

Brunhes — Pleistocene — Matuyama — Pliocene — Miocene (late, middle, early) — Oligocene (late, early) — Eocene (mid, late)

Age (Ma): 0.73, 0.91, 0.98, 1.66, 5.3, 10.4, 23.7

Lith. unit: I, IIA, IIB, IIC, IIIA, IIIB, IIIC, IV

Descriptions:

I — Volcanogenic clayey silt with rare ash interbeds.

IIA — Volcanogenic clayey silt with rare interbeds of volcanic ash and carbonate turbidites.

IIB — Volcanogenic clayey silt/siltstone with interbedded carbonate turbidites.

IIC — Volcanogenic silty claystone with interbedded carbonate turbidites and tuff; claystone turbidites in lower part.

IIC — Silty claystone

IIIA — Hemipelagic claystone with interbedded claystone/silty claystone turbidites and minor carbonate siltstone turbidites.

IIIB — Turbidite claystone, silty claystone, quartz siltstone, and sandstone, with interbedded hemipelagic claystone.

Claystone and silty claystone.

IIIC — Hemipelagic claystone with interbeds of turbidite claystone, silty claystone, and minor siltstone and silty sandstone.

IV — Brown to reddish brown pelagic claystone with manganese micronodules.

Basalt

Key to lithology and magnetic polarity

- Clayey silt/siltstone
- Volcanic ash/tuff
- Silty claystone
- Carbonate turbidites
- Claystone to silty claystone turbidite
- Dark green claystone
- Quartz silty sandstone turbidite
- Brown abyssal clay
- Basalt
- Interbedded lithologies

Magnetic polarity

- Normal polarity
- Reversed polarity
- Indeterminate polarity

Age model

Age (Ma): 0, 10, 20, 30, 40

Pleist. | l.e. | late | middle | early | late | early | late | mi
Plio. | Miocene | Oligocene | Eoce

Depth (mbsf): 0, 100, 200, 300, 400, 500, 600, 700, 800, 900

- NN20–NN21   59.1 m/m.y.
- NN19
- NN19–NN12   60.1 m/m.y.
- NN14–NN12
- NN11
- NN11–NN10   33.0 m/m.y.
- NN10
- NN9   108.7 m/m.y.
- NN8
- L. elongata   D. ateuchus 2
- T. tuber
- P. chalara and   6
- P. goetheana

Figure 36. Sedimentation rates calculated from calcareous nann and radiolarian biozones, Site 767.