

Core no. KF 09 N 37° 06.68' W 32° 17.21': 2655 m b.s.l.

Age control:

Date: 1998

- *C. wuellerstorfi* and *G. ruber* ¹⁸O records (Richter, 1998).
- AMS ¹⁴C dating on *G. bulloides* (Richter, 1998).

Age/depth correlation :

Orig. depth	¹⁴ C age	Error ±	Calendar years		Sed.rate	Original interval/material/
[cm]	[ky BP]		[ka]		[cm/ky]	$\delta^{18}\text{O}$ stratigraphy
220	14.8		18.3			AMS ¹⁴ C analogue
320	17.91	160	21.29	a)	33.4	AMS ¹⁴ C dating
380	20.95	380	24.79	a)	17.1	AMS ¹⁴ C dating
420	22.15	430	26.17	a)	29.0	AMS ¹⁴ C dating

a) Calendar years converted from ¹⁴C years using INTCAL 98.

Remarks:

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Original references:

- Richter, T. (1998): Sedimentary fluxes at the Mid-Atlantic Ridge - Sediment sources, accumulation rates, and geochemical characterisation. - Geomar Rep., 73, 173 pp.

LGM time slice:

- GLAMAP: 220-320 cm orig. depth
- EPILOG: 243-341 cm orig. depth

LGM foraminifera counts: Pflaumann (UP)

- GLAMAP: 230, 260, 290, 310 cm orig. depth
- EPILOG: 260, 290, 310 cm orig. depth

References for faunal analysis:

- Pflaumann et al., Paleoceanography, in prep.

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