

Core no. 17050-1 G.C. N 55° 28.2' W 27° 53.3': 2795 m b.s.l.  
 17050-2 B.C. N 55° 28.3' W 27° 52.6': 2781 m b.s.l.

Age control:

Date: 2/12/1992, revised 09/2000

- *C. wuellerstorfi* and *G. bulloides* <sup>18</sup>O records from Jung (1996).
- AMS <sup>14</sup>C analogue stratigraphy.

Core fit :

- None

Surface sediment age :

- Zero, based on undisturbed sediment surface of B.C. -2.

Age/depth correlation :

Orig. depth	<sup>14</sup> C age	Calendar years		Sed.rate	Original interval/ material/	Core no.	Remarks
[cm]	[ky BP]	[ka]		[cm/ky]	$\delta^{18}\text{O}$ stratigraphy		
0.0	0.0	0.0		0.0		-2	
315	9.1	9.8	a)	32.14	AMS <sup>14</sup> C analogue	-1	
370	14.8	18.3		6.5	AMS <sup>14</sup> C analogue	-1	
391-393					? Hiatus, duration unknown	-1	
430.0	?26.0	?29.5	a)	- . -	AMS <sup>14</sup> C analogue	-1	+ <i>G. bulloides</i>

a) corrected after Bard et al. (1990).

Remarks :

- Abundant ice rafted debris between 345-392 cm.
- <sup>18</sup>O/ <sup>13</sup>C minimum at 465 cm is expected to correlate with laminated layers at 226-270 cm in 17049-6.

Original references:

- Jung, S.A. (1996): Wassermassenaustausch zwischen dem NE-Atlantik und dem Europäischen Nordmeer während der letzten 300.000/80.000 Jahre im Abbild stabiler O- und C-Isotope.- Ber. SFB 313, Univ. Kiel, 61, 104 pp.
- Sarnthein, M., Winn, K., Jung, S.J.A., Duplessy, J.-A., Labeyrie, L., Erlenkeuser, H. & Ganssen, G. (1994): Changes in east Atlantic deepwater circulation over the last 30,000 years: Eight time slice reconstructions.- *Paleoceanography*, 9, 209-267.

LGM time slice:

- GLAMAP: 370-395 cm orig. depth in core (-1)
- EPILOG: 375.5-403 cm orig. depth in core (-1)

LGM foraminifera counts: Schulz (HS)

- GLAMAP: (in core -1) 375, 385, 395 cm orig. depth.
- EPILOG: (in core -1) 375, 385, 395 cm orig. depth.

References for faunal analysis:

- Schulz, H. (1995): Meeresoberflächentemperaturen vor 10.000 Jahren - Auswirkungen des frühholozänen Insulationsmaximums. - Ber.-Rep. Geol. Paläont. Inst. Univ. Kiel, 73, 156 pp.

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