

Core no. 1171-1 K.C. N 67°57.56' W 18°36.70' 935 m b.s.l.

Age control: Date: 9/2000

- *N. pachyderma* sin. record (Lackschewitz et al., 1994; Weinelt et al., 1996).
- AMS ¹⁴C dating on *N. pachyderma* sin. (Lackschewitz et al., 1994)

Age/depth correlation :

Orig. depth	¹⁴ C age	Error ±	Calendar years		Sed.rate	Original interval/ material/	Core no.	Remarks
[cm]	[ky BP]		[ka]		[cm/ky]	δ ¹⁸ O stratigraphy		
11.0	14.19	140	17.0		- . -	AMS ¹⁴ C dating	- 1	
22.5	14.80		18.3	a)	8.8	AMS ¹⁴ C analogue	- 1	
51.0	18.27	180	21.7		8.4	AMS ¹⁴ C dating	- 1	

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

Remarks:

- None

Original references:

- Weinelt, M., Sarnthein, M., Pflaumann, U., Schulz, H., Jung, S. & Erlenkeuser, H. (1996): Ice-free Nordic Seas during the last glacial maximum? Potential sites of deepwater formation. - *Palaeoclimates*, 1, 283-309.
- Lackschewitz, K. S., Dehn, J. and Wallrabe-Adams, H.-J. (1994): Volcaniclastic sediments from mid-oceanic Kolbeinsey Ridge, north of Iceland: Evidence for submarine volcanic fragmentation processes. - *Geology*, 22, 975-978.
- Mienert, J. & Wallrabe-Adams, H.-J. (eds.) (1992): FS Poseidon Expedition 175. - *Geomar Rep.*, 11, 56 pp.

LGM time slice:

- GLAMAP: 22-50 cm
- EPILOG: 28-59 cm

LGM foraminifera counts: Weinelt (MW)

- GLAMAP: 35 cm
- EPILOG: 35, 52.5 cm

References for faunal analysis:

- Pflaumann et al., *Paleoceanography*, in prep.

1171-1

