

Core no. PS 1730-2 G.C. N 70° 07.2' W 17° 42.1': 1617 m b.s.l.
PS 1730-1 B.C. N 70° 07.2' W 17° 42.1' 1617 m b.s.l.

Age control: Date: 11/2000

- *O. umbonatus* and *N. pachyderma* sin. ^{18}O records (Stein et al., 1996).
- AMS ^{14}C dating in Aarhus (#1152-1158) on *N. pachyderma* sin. (Stein et al., 1996).
- Vedde Ash (Stein et al., 1996).

Core fit :

- 0 cm in -2 = 23 cm in -1

Surface sediment age :

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Age/depth correlation :

Comp. depth [cm]	^{14}C age (lab. no.) [ky BP]	Error ±	Calendar years [ka]	Sed.rate [cm/ky]	Original interval/ material/ $\delta^{18}\text{O}$ stratigraphy	Core no.	Remarks
43	8.06	110	9.0	- . -	AMS ^{14}C dating	- 2	
58	10.69		11.98	5.0	Vedde Ash	- 2	
93	14.47	140	17.33	6.5	AMS ^{14}C dating	- 2	
103	16.42	150	19.58	4.4	AMS ^{14}C dating	- 2	
113	18.75	190	22.26	3.7	AMS ^{14}C dating	- 2	
163	23.15	360	27.32	9.9	AMS ^{14}C dating	- 2	
183	25.05	310	29.51	9.1	AMS ^{14}C dating	- 2	
223	28.10	650	33.02	11.4	AMS ^{14}C dating	- 2	

Remarks:

- Calendar years converted from ^{14}C years using INTCAL 98.

Original references:

- Stein, R., Nam, S., Grobe, H. & Hubberten, H. (1996): Late Quaternary glacial history and short term ice-rafted debris fluctuations along the East Greenland continental margin. - In: J.T.Andrews, W.E.N. Austin, H. Bergsten & A.E. Jennings (eds.): Late Quaternary Paleoceanography of the North Atlantic Margins. - Geol. Soc. Spec. Publ., 111, 135-151.

LGM time slice:

- GLAMAP: 103-110 cm comp. depth = 80-87 cm orig. depth in core (-2)
- EPILOG: 104-115 cm comp. depth = 81-92 cm orig. depth in core (-2)

LGM foraminifera counts: Pflaumann (UP)

- GLAMAP: (in core -2) 80 cm orig. depth
- EPILOG: (in core -2) 90 cm orig. depth

References for faunal analysis:

- Pflaumann et al., Paleoceanography, in prep.

PS 1730-1/2

