

Core no. V 27-86 N 66° 36.0' E 01° 07.1' 2900 m b.s.l.

Age control: Date: 1997, modified 11/2000

- *N. pachyderma* sin. ¹⁸O record (Labeyrie & Duplessy, 1985).
- *C. wuellerstorfi/O. tener* ¹⁸O records (Streeter et al., 1982).
- AMS ¹⁴C analogue stratigraphy.

Age/depth correlation :

Orig. depth	¹⁴ C age	Calendar years	Sed.rate	Original interval/material/	Remarks
[cm]	[ky BP]	[ka]	[cm/ky]	δ ¹⁸ O stratigraphy	
50	14.8	18.3	- . -	AMS ¹⁴ C analogue	
80	26.0	29.5	- . -		Duplessy et al. 1988
110	26.0	29.5	5.4	AMS ¹⁴ C analogue	this work

Remarks:

•

Original references:

- Labeyrie, L. D. & Duplessy, J. C. (1985): Changes in the oceanic ¹³C/¹²C ratio during the last 140,000 years: High latitude surface water records. - *Paleogeogr., Paleoclim., Paleoecol.*, 50, 217-240.
- Duplessy, J. C., Labeyrie, L. & Blanc, P. L. (1988): Norwegian Sea deep water variations over the last climatic cycle: Paleo-oceanographical implications. In: H. Wanner & U. Siegenthaler (eds.), Long and short term variability of climate. (Springer, Heidelberg), 83-116.
- CLIMAP Project Members (1984): The last interglacial ocean. - *Quat. Res.*, 21, 123-224.
- Streeter, S.S., Belanger, P.E., Kellogg, T.B. & Duplessy, J.C. (1982): Late Pleistocene paleo-oceanography of the Norwegian-Greenland Sea: Benthic foraminiferal evidence. - *Quat. Res.*, 18, 72-90.

LGM time slice: (conjectural)

- GLAMAP: 50-67 cm orig. depth
- EPILOG: 54-72.5 cm orig. depth

LGM foraminifera counts: CLIMAP

- GLAMAP: 50, 60 cm orig. depth
- EPILOG: 60, 70 cm orig. depth

References for faunal analysis:

- CLIMAP Project Members (1981): Seasonal reconstruction of the earth's surface at the Last Glacial Maximum.- *Geol. Soc. Amer., Map and Chart Series #36.*
- CLIMAP Project Members (1994): CLIMAP 18K Database. IGBP PAGES/World Data Center-A for Paleoclimatology Data Contribution Series # 94-001. NOAA/NGDC Paleoclimatology Program, Boulder CO, USA.

V 27-86

