

Core no. MD 95-2012 N 72° 09.06' E 11° 26.06': 2094 m b.s.l.

Age control: Date: 10/2000

- *N. pachyderma* sin. ¹⁸O record (Dreger, 1999).
- AMS ¹⁴C dating on *N. pachyderma* sin. (Dreger, 1999), mostly ignored.
- Magnetic susceptibility stratigraphy per analogue to well dated core MD 95-2010 (M.Pirrung, pers. comm., Oct. 2000)

Core fit :

- None

Surface sediment age :

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Age/depth correlation :

Orig. depth	¹⁴ C age	Error	Calendar years		Sed.rate	Original interval/ material/ δ ¹⁸ O stratigraphy	Remarks
[cm]	[ky BP]	[±yrs]	[ka]		[cm/ky]		
10.5	6.62	50	7.5	a		Calibrated AMS ¹⁴ C age	<i>N. pachy. sin.</i>
30.5			8.2	b	28.6	8200 cal yr BP cold event	
100.5			11.64	b	20.3	End Younger Dryas	
180.5			14.5	c	28.0	Base of Bolling (peak)	
262	14.82		18.3	b		AMS ¹⁴ C dating	<i>N. pachy. sin.</i>
262.5	14.8		18.3		21.6	End LGM, base H1	
618.5			23.4	c	69.8	Base of D-O interstadial 2	
680	21.16		24.86	c	4.21	AMS ¹⁴ C dating	<i>N. pachy. sin.</i>
819.5			27.8	c	47.4	D-O interstadial 3 (peak)	
868			29.0	c	32.9	D-O interstadial 4 (peak)	
940.5	29.08		32.98	c	18.2	AMS ¹⁴ C dating	<i>N. pachy. sin.</i>
980.5			35.2	c	12.4	Base of D-O interstadial 7	
1036.5			38.4	c	17.5	Base of D-O interstadial 8	
1050.5			40.2	c	7.8	D-O interstadial 9 (peak)	
1065.5			41.0	c	18.8	D-O interstadial 10 (peak)	
1098.5			42.5	c	22.0	D-O interstadial 11 (peak)	
1150.5			45.4	c	17.9	Base of D-O interstadial 12	
1170.5			47.0	c	12.5	D-O interstadial 13 (peak)	
1216.5			54.9	c	5.8	Base of D-O interstadial 15	
1232.5			56.4	c	10.7	D-O interstadial 16 (peak)	
1250.5			58.2	c	10.0	Base of D-O interstadial 17	

- a) Dreger (1999)
b) Grootes et al. (1993)
c) Grootes & Stuiver (2000)

Remarks:

- Young ¹⁴C ages of Dreger (1999) ignored.

Original references:

- Dreger, D. (1999): Decadal-to-centennial sediment records of ice advance on the Barents Shelf and meltwater discharge into the northeastern Norwegian Sea over the last 40 kyr. - Ber. - Rep.Inst. Geowiss.Univ.Kiel, 3, 80 pp.

LGM time slice:

- GLAMAP: 262.5-468 cm orig. depth
- EPILOG: 311.5-556 cm orig. depth

LGM foraminifera counts:

- GLAMAP: 41 counts between 262.5 and 460.5 cm orig. depth
- EPILOG: 34 counts between 311.5 and 550.5 cm orig. depth

References for faunal analysis:

- Dreger, D. (1999): Decadal-to-centennial sediment records of ice advance on the Barents Shelf and meltwater discharge into the northeastern Norwegian Sea over the last 40 kyr. - Ber. - Rep.Inst. Geowiss.Univ.Kiel, 3, 80 pp.

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