Core no.: RC 13-229   S 25° 30'   E 11° 18': 4191 m b.s.l.

Age control: Date: 1991
- AMS $^{14}$C analogue stratigraphy.

Core fit: None

Surface sediment age: Not clear. About 5400 years, based on extrapolation of Termination I sedimentation rates.

Age/depth correlation:

<table>
<thead>
<tr>
<th>Orig. depth</th>
<th>$^{14}$C age</th>
<th>Calendar years</th>
<th>Sed. rate</th>
<th>Original interval/ material/ $\delta^{18}$O stratigraphy</th>
</tr>
</thead>
<tbody>
<tr>
<td>[cm]</td>
<td>[ky BP]</td>
<td>[ka]</td>
<td>[cm/ky]</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>5.4</td>
<td>9.8</td>
<td>a) 3.3</td>
<td>$^{14}$C analogue b) extraplated</td>
</tr>
<tr>
<td>14.5</td>
<td>9.1</td>
<td>9.8</td>
<td>a) 3.3</td>
<td>$^{14}$C analogue</td>
</tr>
<tr>
<td>45</td>
<td>14.8</td>
<td>18.3</td>
<td>a) 3.6</td>
<td>$^{14}$C analogue</td>
</tr>
<tr>
<td>90</td>
<td>26</td>
<td>29.5</td>
<td>a) 4.0</td>
<td>$^{14}$C analogue b)</td>
</tr>
</tbody>
</table>

a) corrected after Bard et al. (1990).
b) Alternative stratigraphy after Uvigerina, 9.1 ka at 30 cm (not supported by $\delta^{13}$C values).

Remarks:
- Stratigraphy is different from Curry et al. (1988).
- Medium sedimentation rates allow for high resolution across Termination I.
- Core from deeper waters of the Cape Basin (AABW) produces "'cold'" $\delta^{18}$O signal?

Original references:

LGM time slice:
- GLAMAP: 45-58 cm orig. depth
- EPILOG: 48-62 cm orig. depth

LGM foraminifera counts:
- GLAMAP: Pflaumann (UP)
- EPILOG: 45, 52, 55, 58 cm orig. depth

References for faunal analysis:
- Pflaumann et al., Paleoceanography, in prep.
RC 13-229

C. wuellerstorfi

summer

winter

\[ \delta^{18}O \] (‰)