Core no. 12337-4 B.C. N 15° 57.20’ W 18° 08.00’: 3094 m b.s.l.
12337-5 K.C. 3082 m b.s.l.

Age control: Date: 7/12/1992
• Planktonic and C. wuellerstorfi δ18O records
• AMS 14C analogue stratigraphy.
• Correlation with neighbour core 12347-2, also considers the paleo-temperature record of Pflaumann (1975).

Core fit:
• 0 cm in core -5 = 6 cm in core -4, based on δ18O and δ13C records of C. wuellerstorfi, G. inflata and G. ruber (white).

Surface sediment age:
• Zero at 0 cm in -4, assuming undisturbed sediment surface in B.C.

Age/depth correlation:

<table>
<thead>
<tr>
<th>Comp. depth [cm]</th>
<th>14C age [ky BP]</th>
<th>Calendar years [ka]</th>
<th>Sed.rate [cm/ky]</th>
<th>δ18O stratigraphy</th>
<th>Core no.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>58.5</td>
<td>9.1</td>
<td>9.8</td>
<td>a) 5.97</td>
<td>AMS 14C analogue</td>
<td>-5</td>
<td>-</td>
</tr>
<tr>
<td>98.5</td>
<td>11.6</td>
<td>11.6</td>
<td>a) 22.2</td>
<td>Top Younger Dryas GISP2</td>
<td>-5</td>
<td>-</td>
</tr>
<tr>
<td>143.5</td>
<td>13.6</td>
<td>17.1</td>
<td>a) 8.2</td>
<td>AMS 14C analogue</td>
<td>-5</td>
<td>-</td>
</tr>
</tbody>
</table>

Remarks:
• Corg, CO2/Alk, Ntotal data from Hartmann et al. (1976).

Original references:

LGM time slice:
• GLAMAP: 7150-166 cm comp. depth = 144-160 cm orig. depth in core (-5)
• EPILOG: 7150-166 cm comp. depth = 144-160 cm orig. depth in core (-5)

LGM foraminifera counts: Pflaumann (UP)
• GLAMAP: (in core -5) 160 cm orig. depth (core catcher)
• EPILOG: (in core -5) 160 cm orig. depth (core catcher)

References for faunal analysis:
The graph shows the changes in δ¹⁸O values over time for different samples. The y-axis represents δ¹⁸O values, with a range from -3 to 3‰. The x-axis represents the composite depth (cm), ranging from 0 to 250 cm.

Two main lines are shown:
- **GLAMAP**
- **EPILOG**

A separate line represents **C. wuellerstorfi**, showing a different trend compared to GLAMAP and EPILOG.

Below the graph, there are two additional lines labeled **summer** and **winter**, indicating temperature changes over the same depth range.

The graph indicates a gradual decrease in δ¹⁸O values with increasing depth, with some fluctuations.