Figure F1
Figure F2
Figure F3
Spreading Rate

- Slow <40 mm/yr
- Intermediate 40-80 mm/yr
- Fast >80 mm/yr

Depth (m subbasement)

- Lavas
- Transition Zone
- Sheeted Dike Complex

Figure F4
Figure F5
Figure F6
Figure F9
Figure F10
Figure F11
Figure F12

GUATB-01

MCS line

Site 1A

ODP Site 844

Cont Int 25 m

3100 3300 3400 3500 3600 3700 3800

10 km

90°45'W 90°30'

8°00'N

7°45'

8°00'

90°45'W

90°30'

7°45'

GUATB-01
Figure F13
Figure F14

GUATB-03 Line 22, Flow line
Distance (km)
Site 1256

Two-way traveltime (s)

Figure F14
Figure F15
Figure F16
Figure F17
LEG 206
HOLE 1256D

Cone ID = 11 ft, 5 in

3643.02 TOC

3645.40 SEAFLOOR

SEVEN JOINTS
94 LB/FT K55 BUTT CASING
Length of 20-in Casing 93.52
Length of 20-in Hanger 1.43
Datum Below Seafloor 0.17
JET-IN LENGTH 95.12

TWENTY JOINTS
75 LBS/FT K55 BUTT CASING
Length of 16-in Casing 267.20
Length of 16-in Shoe 0.53
Length of 16-in Hanger 1.38
Datum Above Seafloor 0.04
TOTAL LENGTH 269.07

Mixed 38 bbl of 15.8 lb/gal
Cement Slurry - Height of
Cement @ 58.0 m
185 sks Cement
22 bbl Mix H2O

Drilled Plug & 16-in Shoe with
9-7/8-in CC-4 Core Bit

3740.52 20-in CASING SHOE
95.12 mbsf

3856.47 TOP OF CEMENT
211.07 mbsf

3895.40 BASEMENT
250.00 mbsf
3914.47 16-in CASING SHOE
269.07 mbsf
3921.50 21-1/2-in RATHOLE
276.10 mbsf

4397.40 TD 9-7/8-in HOLE
752.00 mbsf

Figure F18
<table>
<thead>
<tr>
<th>Epoch</th>
<th>Age (Ma)</th>
<th>Lithology</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pliocene</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.26</td>
<td></td>
<td>Dark brown to yellowish brown nannofossil silty clay with diatoms and trace</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>foraminifers, radiolarians, and volcanic glass</td>
</tr>
<tr>
<td></td>
<td>0.46</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.77</td>
<td></td>
<td>Light green-gray to green-gray nannofossil ooze with diatoms and trace</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>radiolarians</td>
</tr>
<tr>
<td></td>
<td>2.52</td>
<td></td>
<td>Pumice shards</td>
</tr>
<tr>
<td></td>
<td>3.82</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Increasing diatom content</td>
</tr>
<tr>
<td>Miocene</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8.6</td>
<td></td>
<td>Sandy silty nannofossil diatom ooze</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>10.9</td>
<td></td>
<td>Light green-gray nannofossil ooze</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Strongly foliated diatom mat with a soggy phone book texture</td>
</tr>
</tbody>
</table>

Figure F19
Figure F19 (continued)
Figure F20
Figure F21
Figure F21 (continued)
Figure F21 (continued)
Figure F22

Site 1256

- Magnetstratigraphy
- Biostratigraphy
- Linear Fit

Depth (mbsf)

Age (Ma)

11.7 m/m.y.
6.3 m/m.y.
13.6 m/m.y.
8.5 m/m.y.
36.4 m/m.y.

LO Discoaster quinqueramus (5.6 Ma)
LO Discoaster hamatus (9.4 Ma)
LO Sphenolithus heteromorphus (13.6 Ma)
Estimated Basement age 14.6 Ma

Estimated Basement age 14.6 Ma

LO Sphenolithus heteromorphus (13.6 Ma)

LO Discoaster hamatus (9.4 Ma)

LO Discoaster quinqueramus (5.6 Ma)
Figure F23
Figure F24
Figure F25
Figure F26
Figure F27
Figure F28
Figure F29
Figure F29 (continued)