25th May 00:00 - 24:00 CDT (UTC -5)

1. Location
Position 21 Deg 27.009’ N, 89 Deg 56.962’ W
IODP-MSP borehole M0077A
Prospectus borehole Chix-03B
Water Depth: 19.8 m

2. Operations Report
Coring continued from the previous day and progressed uninterrupted throughout the day. The 12 cores collected were of excellent quality and 100% recovery was achieved. The day ended at a depth of 1328.49 mbsf, having advanced the hole by 37.20 m.

3. Science Report
We continued in the melt and melt breccia for much of the day and then transitioned back into granite before we finished drilling for the day.

4. Core Recovery Details

<table>
<thead>
<tr>
<th>Hole</th>
<th>M0077A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cores recovered</td>
<td>12</td>
</tr>
<tr>
<td>Drilled length (Coring, m)</td>
<td>37.20</td>
</tr>
<tr>
<td>Drilled length (Open hole, m)</td>
<td>0</td>
</tr>
<tr>
<td>Recovered length (m)</td>
<td>37.78</td>
</tr>
<tr>
<td>Recovery (%)</td>
<td>100</td>
</tr>
<tr>
<td>Depth at midnight (mbsf)</td>
<td>1328.49</td>
</tr>
</tbody>
</table>

5. Time Breakdown
00:00 Continue coring
01:35 Core on deck
03:35 Core on deck
05:55 Core on deck
08:05 Core on deck
10:20 Core on deck
12:20 Core on deck
14:15 Core on deck
16:30 Core on deck
18:45 Core on deck
20:15 Core on deck
21:55 Core on deck
23:25 Core on deck
24:00 Continue coring

6. Hours (inc. cumulative total) – no contractual implications can be made from these figures

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>In port</td>
<td>13.0</td>
</tr>
<tr>
<td>Transiting</td>
<td>3.0</td>
</tr>
<tr>
<td>Operating</td>
<td>918</td>
</tr>
<tr>
<td>Technical downtime</td>
<td>123</td>
</tr>
<tr>
<td>Weather downtime</td>
<td>0.0</td>
</tr>
<tr>
<td>Other downtime (specify)</td>
<td>0.0</td>
</tr>
</tbody>
</table>

7. Weather
Fair, cloudy, humid, wave heights of 0.5 – 0.8 m; wind E 15 Kts, Temperature 27-34°C.

8. Planned Activity for the next 24 hours
Finish coring, pull pipe and commence wireline logging.
9. Health and Safety and Environmental
N/A

10. Photo of the day

Image: DSmith©ECORD_IODP