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 without any stoppages. Cores were of excellent quality and 100% recovery was achieved. The day ended at a depth of 1166.19 mbsf, having drilled 44.50 m of core.

3. Science Report
We continued in granite, one core had an interesting dike that was filled with fine-grained crystals, and some occasional large mafic clasts. Also cored a few small dikes of various compositions and appearances, with subtle changes in physical properties.

4. Core Recovery Details

<table>
<thead>
<tr>
<th>Hole</th>
<th>M0077A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cores recovered</td>
<td>15</td>
</tr>
<tr>
<td>Drilled length (Coring, m)</td>
<td>44.50</td>
</tr>
<tr>
<td>Drilled length (Open hole, m)</td>
<td>0</td>
</tr>
<tr>
<td>Recovered length (m)</td>
<td>45.69</td>
</tr>
<tr>
<td>Recovery (%)</td>
<td>100</td>
</tr>
<tr>
<td>Depth at midnight (mbsf)</td>
<td>1166.19</td>
</tr>
</tbody>
</table>

5. Time Breakdown
00:00 Continue coring
01:30 Core on deck
03:10 Core on deck
04:55 Core on deck
07:00 Core on deck
08:35 Core on deck
10:15 Core on deck
11:45 Core on deck
13:10 Core on deck
14:40 Core on deck
15:40 Core on deck
17:30 Core on deck
19:10 Core on deck
20:40 Core on deck
22:10 Core on deck
23:45 Core on deck
24:00 Continue coring

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

| In port          | 13.0 |
| Transiting       | 3.0  |
| Operating        | 847  |
| Technical downtime | 122  |
| Weather downtime | 0.0  |
| Other downtime (specify) | 0.0  |
7. Weather
Fair, cloudy, humid, wave heights of 0.5 – 0.8 m; wind E 15 Kts, Temperature 25-32°C.

8. Planned Activity for the next 24 hours
Continue coring.

9. Health and Safety and Environmental
N/A

10. Photo of the day

Image: JLofi©ECORD_IODP