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
Rig maintenance was required on the rig before coring could commence. Coring continued throughout the day, with a total of 11 cores collected. Cores were of a very high quality and 100% recovery. The end-of-day hole depth was 890.34 mbsf.

3. Science Report
At the start of the day we transitioned back into granite and since then have been alternating between granite and melt. The core is often difficult to see as the drilling mud is becoming stuck to the (hot) core.

4. Core Recovery Details

<table>
<thead>
<tr>
<th>Hole</th>
<th>M0077A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cores recovered</td>
<td>11</td>
</tr>
<tr>
<td>Drilled length (Coring, m)</td>
<td>30.80</td>
</tr>
<tr>
<td>Drilled length (Open hole, m)</td>
<td>0</td>
</tr>
<tr>
<td>Recovered length (m)</td>
<td>31.09</td>
</tr>
<tr>
<td>Recovery (%)</td>
<td>100</td>
</tr>
<tr>
<td>Depth at midnight (mbsf)</td>
<td>890.34</td>
</tr>
</tbody>
</table>

5. Time Breakdown
00:00  Rig maintenance
00:55  Continue coring
03:10  Core on deck
05:25  Core on deck
07:55  Core on deck
09:35  Core on deck
11:20  Core on deck
13:25  Core on deck
15:25  Core on deck
16:45  Core on deck
18:35  Core on deck
19:45  Core on deck
22:40  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 | 680 |
| 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: DSmith©ECORD_IODP