

Daily Drilling and Scientific Report for IODP/ICDP Expedition 364
Chicxulub Impact Crater 2016



11th 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

Continued coring recovering two cores of excellent quality and 100% recovery. The drill string was tripped to inspect a suspected worn bit. After replacing the bit the pipe was run into the hole and coring commenced. The 1st core run was short due to a blocked bit and crumpled liner. Coring continued.

3. Science Report

Cores of granite were recovered, one had a section with a pegmatic texture.

4. Core Recovery Details

Hole	M0077A
Cores recovered	3
Drilled length (Coring, m)	6.85
Drilled length (Open hole, m)	0
Recovered length (m)	6.87
Recovery (%)	100.00
Depth at midnight (mbsf)	830.09

5. Time Breakdown

00:00 Continue coring
01:00 Core on deck
03:40 Core on deck
08:50 Tripping pipe to change bit
14:00 Bit changed and started running pipe
20:10 Start coring
22:45 Core on deck
00:00 Continue coring

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

In port	13.0
Transiting	3.0
Operating	609
Technical downtime	123
Weather downtime	0.0
Other downtime (specify)	0.0

7. Weather

Fair, clear, good visibility, wave heights of 0.5 – 0.8 m; wind E 15 Kts, Temperature 21-30°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: ARae©ECORD_IODP