## 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 1<sup>st</sup> 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
- 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

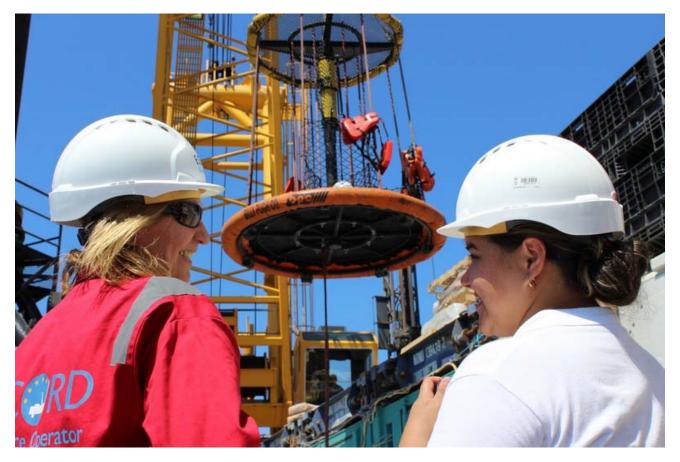


Image: ARae©ECORD\_IODP