



3rd June 00:00 - 3rd June 24:00 East Daylight Time (UTC -4)

1. Location

Position 40.8746°N, 70.2697°W @12:00 EDT 28th of May IODP-MSP borehole M0111B Prospectus borehole MV-03C

Water Depth: 42m

2. Operations Report

Coring progressed from 00:00 until 21:00. In the 21 hours, 29 cores were recovered totaling 47.3 metres of advance. Loose sands limited the average core run to 1.75 metres and the recovery rate to 47%. At 21:00 the BHA was pulled out of the hole to replace the bit. By midnight, the new BHA was being run back into the hole.

3. Science Report

48 sample sets were taken and analysed for interstitial water geochemistry, micropaleontology and microbiology. 24 Cores were analysed using the MSCL with a total length of 19.82 m.

4. Core Recovery

Hole	M0111B
Cores recovered	29
Drilled length (Coring, m)	47.3 m
Drilled length (Open hole, m)	0
Recovered length (m)	22.53 m
Recovery (%)	47.6%
Depth at midnight (mbsf)	352.08 m

5. Time Breakdown

00:00 - 21:00 Coring ahead - 31 cores, 54 m advance, 47% recovery

21:00 - 22:30 Pulling out of the hole to replace bit

22:30 - 24:00 Assembling new BHA and running in hole

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

In port	n/a
Transiting	n/a
Operating	24
Technical downtime	0
Weather downtime	0
Other downtime (specify)	0

7. Weather

Light west to south-westerly winds of around 6 kt prevailed throughout the day, with gentle 1 m swell from the SSE. Visibility was clear to horizon with few clouds and temperatures were very comfortable around 20 degrees C.

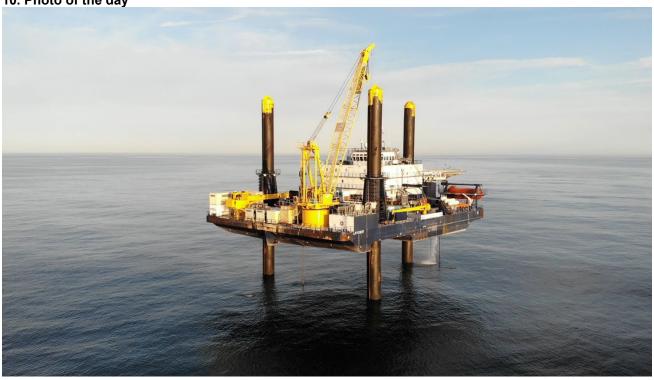
8. Planned Activity for the next 24 hours

Core ahead until total depth (TD), estimated at 450 m

9. Health and Safety and Environmental

No Health and Safety issues to report.

10. Photo of the day



 $\textit{Figure 1: Screengrab from UAV drone flight at sunset (photo EVEREST@ECORD_IODP3_NSF_UAV_03-06)}\\$