



**Daily Drilling and Scientific Report for
IODP3-NSF Expedition 501
New England Shelf Hydrogeology, 2025**



7th June 00:00 – 7th 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

Logging operations were concluded at 03:30 hrs and then the PQ rods and finally the casing were recovered to the surface. The Hole was completed by 09:00 hrs and preparations were made on the drill floor to adjust the L/B Robert's position to commence coring at Hole M0111C.
The vessel began positional adjustment from Hole M0111B to M0111C at 15:00 hrs and was in position shortly afterwards. The pre-loading procedure began and continued past midnight.

3. Science Report

No cores were recovered, nor samples taken during this period. Logging of the upper 120 m of the hole was completed.

4. Core Recovery

Hole	M0111B
Cores recovered	0
Drilled length (Coring, m)	0
Drilled length (Open hole, m)	0
Recovered length (m)	0
Recovery (%)	0
Depth at midnight (mbsf)	392.93 m

5. Time Breakdown

00:00 – 03:30 Logging of upper 120 m of M0111B
03:30 – 09:00 Recovery of PQ rods and casing to deck
09:00 – 13:00 Securing of containers, deck cleaning, preparation for vessel movement
13:00 – 15:00 Vessel rotation and jacking down on location for Hole M0111C
15:00 – 24:00 Pre- loading on location

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

In port	n/a
Transiting	0.5 hrs
Operating	9 hr
Technical downtime	0
Weather downtime	0
Other downtime (specify)	14.5 (pre-load)

7. Weather

Winds blew steadily at 10 kts from the southeast during the morning, changing to lighter winds from the northwest by early evening. Swell size increased from 1 to 1.5 m during the day, visibility stayed around 0 all day due to fog.

8. Planned Activity for the next 24 hours

Continue pre-load and jacking up, prepare to run casing at Hole M0111C.

9. Health and Safety and Environmental

No H&S issues to report

10. Photo of the day



Figure 1: Discussion in the ESO logging container during logging operations (photo LEBER@ECORD_IODP3_NSF_logging5).