

15th Dec 00:00 – 15th Dec 24:00 EET Eastern European Time (UTC+2)

1. Location

Position 38° 7' 12.1467" N, 23° 05' 10.6138" E
IODP-MSP borehole M0080A
Prospectus borehole COR-04B
Water Depth: 348.8 m

2. Science Report

During the final phase of coring at Site M0080A, coarse conglomerates with clasts of basement composition (primarily limestone and chert) were encountered, characterised by high density and p-wave velocity.

3. Core Recovery Details

Hole	M0080A
Cores recovered	2
Drilled length (Coring, m)	4.70
Drilled length (Open hole, m)	0
Recovered length (m)	4.43
Recovery (%)	94%
Depth at midnight (mbsf)	534.10

4. Time Breakdown

01:30 Core on deck
03:30 Core on deck
04:20 Deploying SGR tool
05:08 Running SGR through pipe
11:40 Tripping pipe to 350 mbsf
14:15 Deploying EM51 tool
15:56 Obstruction encountered approx. 50 m below BHA
17:52 Tool recovered to deck
17:55 Running pipe to base of hole to clear obstructions and tripping pipe to approx. 430 mbsf (below previous obstruction)
21:36 Redeploy EM51 tool
24:00 Bottom of hole reached. Logging commencing.

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

In port	0.0
Transiting	0.0
Operating	24.0
Technical downtime	0.0
Weather downtime	0.0
Other downtime (specify)	0.0

6. Weather

Sunny with a high of 17°C, and winds of up to 33 km/h from a westerly direction, switching to a SE through the day. Wave heights of ≤0.7 m.

7. Planned Activity for the next 24 hours

Continue logging Hole M0080A.

8. Health and Safety and Environmental

N/A

9. Photo of the day



Basal conglomerates were encountered in the final cores of Hole M0080A (LMcNeill@ECORD_IODP)