

**Daily Drilling and Scientific Report for IODP Expedition 381  
Corinth Active Rift Development 2017**



**22<sup>nd</sup> Oct 20:00 (UTC+3) – 23<sup>rd</sup> Oct 24:00 EET Eastern European Time (UTC+2)**

**1. Location**

Position 38° 8' 41.802" N, 22° 45' 30.251" E  
IODP-MSP borehole M0078A  
Prospectus borehole COR-02A  
Water Depth: 859.50 m

**2. Science Report**

One core was recovered, which contained the mudline/seabed.

**4. Core Recovery Details**

<b>Hole</b>	M0078A
<b>Cores recovered</b>	2
<b>Drilled length (Coring, m)</b>	5.65 m
<b>Drilled length (Open hole, m)</b>	N/A
<b>Recovered length (m)</b>	2.65 m
<b>Recovery (%)</b>	47%
<b>Depth at midnight (mbsf)</b>	5.65 m

**5. Time Breakdown**

20:00 Depart Corinth following mobilization.  
21:30 Arrive on site and establish DP.  
01:48 Lowering template and running pipe.  
18:30 Template on seabed.  
20:57 Piston corer latched into BHA.  
21:05 Piston fully extended; begin recovery.  
21:35 Core on deck.  
23:05 Core on deck (no recovery).  
24:00 Continue with coring.

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

<b>In port</b>	0.0
<b>Transiting</b>	0.0
<b>Operating</b>	24.0
<b>Technical downtime</b>	0.0
<b>Weather downtime</b>	0.0
<b>Other downtime (specify)</b>	0.0

\* This breakdown covers a 24 hour period on 23<sup>rd</sup> October. The additional time recorded in this report was spent in transit and operations (1.5 hrs transit and 2.5 hrs operational).

**6. Weather**

Fair (21C) with occasional light showers and thunderstorms, 7 km/h winds from the WSW.

**7. Planned Activity for the next 24 hours**

Continue coring at M0078A.

**8. Health and Safety and Environmental**

N/A

**9. Photos of the day**



From left to right: Laurent Brun (Logging Engineer), Marcie Purkey Phillips (Micropaleontologist), Sophie Green (EPM), Gareth Carter (EPM), Lisa McNeill (Co-Chief), Donna Shillington (Co-Chief), Robert Gawthorpe (Sedimentologist), Simone Sauer (Geochemist), Paula Diz Ferreiro (Micropaleontologist), Abah Omale (Petrophysicist), Clint Miller (Geochemist), Spyros Sergiou (Sedimentologist) (CCotterill@ECORD\_IODP).



First core on deck (DSmith@ECORD\_IODP)