



**Daily Drilling and Scientific Report for IODP Expedition 313 New Jersey  
Shallow Shelf**

**4th May 2009 (0000-2400, local time)**

**1. Location**

Hole MAT-1A (Hole M0027A).

Time zone: US Eastern Time, UTC -4

Position at midnight:

Latitude: 39° 38.04606' N

Longitude: 73° 37.30146' W

**2. Activity summary**

Conducting coring operations at Hole MAT-1A (M0027A).

**3. Science report**

Roughly 1 m of disturbed medium sand and drilling mud recovered from 39-42 mbsf.

**4. Core recovery details**

<b>Hole</b>	M0027A
<b>Cores recovered</b>	21R to 24H (4 cores)
<b>Drilled length</b>	12.2 m
<b>Recovered length</b>	1.07 m
<b>Recovery</b>	8.77 %
<b>Depth at midnight</b>	44.97 mbsf

**5. Weather**

Sea swell 2-4 ft; wind direction NE; wind speed 10-15 knots; rain and fog; 12°C.

Next 24 hrs: Sea swell 4-6 ft; wind direction NE; wind speed 15-20 knots (gusting 25 knots, diminishing 5-10 knots); showers, drizzle and fog; 12°C.