



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

**2nd 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**

19 m of medium to coarse, well-sorted sand with shell fragments and occasional metamorphic pebbles overlying 6 m of stiff, uniform, sticky clay; currently coring through alternating intervals of featureless sand and clay.

**4. Core recovery details**

<b>Hole</b>	M0027A
<b>1<sup>st</sup> core on deck</b>	2/5/2009 at 0010 hours
<b>Drilled length</b>	28 m
<b>Recovered length</b>	26.27 m
<b>Recovery</b>	93.82 %
<b>Depth at midnight</b>	26.38 mbsf

**5. Weather**

Sea swell 5-9 ft; wind from W to SW; wind speed 15-20 knots, occasional rain.  
Next 24 hrs: sea swell 2-4 ft; wind variable, becoming E; wind speed 5-10 knots; rain by afternoon.