

*No core
description
was completed
for this station*

2nd Leg

Station : 16

USGS 25th operation

Day: 12/07/02

GMT time: 01.08

Latitude : 28°07.41 N

Longitude: 89°08.37 W

Water depth: 1068 m

Location: Kane Spur

Core number: **MD02-2565**

Corer type: Calypso core

Corer length: 35;60 m

Core length: Between 22.5 and 24 m

Observations

Corer condition: 2 attempts to trigger with no success, check of the trigger system.

Core condition: Good

Sections and Sampling

Number of sections recovered and conditions:

15 sections of 1.5m were recovered; the last section measures 150 cm, a section of 10 cm was taken at the base of every 1.5 m section, some more at section II, III, IV, VI

Onboard sampling and post cruise processing:

- Not opened on board. Sections stored at Texas A&M University.
- 1 bag of core top sediment was taken
- the 10 cm sections were taken for pore water analysis, (microbiology, and SO₄⁻, Cl⁻, CH₄, ¹⁴C, DIC) (MBARI, Univ.Tokyo)
- USGS core measurements and activities :whole round for consol/triaxial (USGS-WH), free gas samples, Headspace Gas (USGS-Menlo Park), Thermal conductivity (Univ.Victoria)

Summary of physical and sedimentological observations

Dominant lithologies:

Minor lithologies: