

Activity Summary

CrsID

Blake2003

CrsProjID

PRJ0004

Cape Fear slide

7/30/2003

Windows to the Deep: Blake Ridge Mapping

Overview of Human Occupied Vehicle Dive Alvin 3913 (Blake2003_ACT0013) at Cape Fear slide

Activity Vitals

Dates/Times/Depth	Bndg Coordinates	System(s)
Start 7/30/2003 8:05:00	North 33.0379	Alvin
End 7/30/2003 14:39:00	South 33.0100	
Time zone EDT UTC -04	East -76.0833	Data Collected
MaxDepth (m): -2163.0	West -76.0925	Samples Multimedia Data

Participants

No participants recorded.

Overall Dive Site Ratings

1 = low; 10 = high

Uniqueness	6
Health	10
Disturbance	2
Biodiversity	8
Relief Variation (meters):	10

Objectives

Survey Cape Fear slide and escarpment for geologic features, slide-related structures/lineations, and possible gas venting sites.

1. Push Cores (background sediment, bacterial mat, methane seep, for dating)
2. Niskin bottle on bottom
3. Geologic samples for biobox/milk crates
4. Other samples (slurp tubeworms, any other interesting organisms)
5. Observations

Dive Track Description

Dive started on flat mud bottom. Drove over multiple hills and cliffs, with abundant benthic macrofauna and flora.

Living Habitat Structure

Type	% Cover
Sponges	

Sediments

Type	% Cover
Nothing recorded.	

Geomorphology

Type	% Cover
pinnacles/ridges	80
rock rubble	
Other	

Anthropogenics

Type/Description
Garbage
Wood plank

Living Marine Resources Abundance

None (0) Single (1) Few (2-10) Many (11-100) Abundant (>100)

Pelagic Fish	Other Benthic
Bottom Fish Many	many sea cucumbers
Crustacean Many	
Mollusk	
Echinoderm	

Observations and Comments on Living Marine Resources:

No other comments.

Unique or Rare Invertebrates **Unique or Rare Vertebrates**

Nothing recorded.

Nothing recorded.

Fish Observation and Abundance

None (0) Single (1) Few (2-10) Many (11-100) Abundant (>100)

rattails-many, needlefish-few, crabs-few, shrimp-few, urchins-many, purplefish?-few, stars-abundant

Other Comments/Notes

NOAA Office of Ocean Exploration



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