

Daily Report Cruise 2

September 21, 2010

This is the second cruise of the MC252 Deep water sediment sampling program, R/V Gyre. Two stations were sampled, one cast per station. In both instances 12 of 12 cores were recovered. No hydrocarbons were observed at either station.

Station 1

1. Station ID: FF-MT4
2. Average Lat: 27.828322
Average Lon: -89.164775
3. Depth: 1405m
4. Time Corer Deployed: 09:56
Time Corer Recovered: 10:27
5. Sample nomenclature:

Sample Type(sediment or overlaying water) – Date – Ship – Site ID – Analysis Type – Unique Identifier

6. LBNL Sampling Team: Cristy Jones and Julian Fortney
7. Location Notes: 1 cast attempted. Overlaying water very clear, sediment interface was slightly disturbed while sampling with the pump.
8. LBNL samples:

Core number GT0015:

Sample ID	Sample Type	Volume	Storage
SE-20100921-GY-FFMT4-BC-023	Intact Core	NA	-80C
SU-20100921-GY-FFMT4-BC-024	DNA Filter	600ml	-80C
SU-20100921-GY-FFMT4-BC-025	AODC	20ml	4C
SU-20100921-GY-FFMT4-BC-026	DNA Filter	600ml	-80C

Station 2

1. Station ID: FF-MT3

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- 2. Average Lat: 28.218692
Average Lon: -89.491714
- 3. Depth: 1002m
- 4. Time Corer Deployed: 16:02
Time Corer Recovered: 16:50
- 5. Sample nomenclature:

Sample Type(sediment or overlaying water) – Date – Ship – Site ID – Analysis Type – Unique Identifier

- 6. LBNL Sampling Team: Cristy Jones and Julian Fortney
- 7. Location Notes: 1 cast attempted. Overlaying has slight murky brown color, but sediment interface was not disturbed while sampling with the pump.
- 8. LBNL samples:

Core number GT0034:

Sample ID	Sample Type	Volume	Storage
SE-20100921-GY-FFMT3-BC-027	Intact Core	NA	-80C
SU-20100921-GY-FFMT3-BC-028	AODC	20ml	4C
SU-20100921-GY-FFMT3-BC-029	DNA Filter	800ml	-80C
SU-20100921-GY-FFMT3-BC-030	DNA Filter	470ml	-80C

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