

## Daily Report Cruise 2

September 20, 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 11 of 12 cores were recovered. No hydrocarbons were observed at either station.

### Station 1

1. Station ID: FF-MT6
2. Average Lat: 26.999739  
Average Lon: -87.996706
3. Time Corer Deployed: 11:27  
Time Corer Recovered: 12:35
4. Sample nomenclature:

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

5. LBNL Sampling Team: Cristy Jones and Julian Fortney
6. Location Notes: 1 cast attempted. Overlaying water very clear and was removed without disturbing sediment interface.
7. LBNL samples:

Core number 21:

Sample ID	Sample Type	Volume	Storage
SD-20100920-GY-FFMT6-BC-015	Intact Core	NA	-80C
SU-20100920-GY-FFMT6-BC-016	AODC	20ml	4C
SU-20100920-GY-FFMT6-BC-017	DNA Filter	800ml	-80C
SU-20100920-GY-FFMT6-BC-018	DNA Filter	760ml	-80C

### Station 2

1. Station ID: FF-MT5
2. Average Lat: 27.460422

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Average Lon: -89.779464

- 3. Time Corer Deployed: 19:34  
Time Corer Recovered: 20:34
- 4. Sample nomenclature:

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

- 5. LBNL Sampling Team: Cristy Jones and Julian Fortney
- 6. Location Notes: 1 cast attempted. Sediment was very compact. Core sleeves went recovered approximately 20cm of sediment. Overlaying water was clear and filtered rapidly.
- 7. LBNL samples:

Sample ID	Sample Type	Volume	Storage
SE-20100920-GY-FFMT5-BC-019	Intact Core	NA	-80C
SU-20100920-GY-FFMT5-BC-020	DNA Filter	1800ml	-80C
SU-20100920-GY-FFMT5-BC-021	AODC	20ml	4C
SU-20100920-GY-FFMT5-BC-022	DNA Filter	1750ml	-80C

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