

| Drilling disturb. | Color | Grain-size | | Sed. struct. / contact | Bioturb. | Samples | Comments | Logged by: NN CR | Date: 28-11-2011 |
|-------------------|---------------------|------------|-------------|------------------------|---------------|---------|---|------------------------|---------------------|
| | | Avg. | Max. | | | | | | |
| -- 0 -- | | | | | | | | | |
| | dark grey 5y 4/1 | | | | | | | | |
| -- 10 -- | | | | | | | | | |
| -- 20 -- | | | | | | | | | |
| -- 30 -- | | | | | | | | | |
| 38.5 | | | | | | | | | |
| -- 40 -- | 5y 4/1 | clay | Medium sand | | | | Minor lithology Forams present Bedding thickness: moderate | | |
| -- 50 -- | | | | massive | BJ=4 moderate | | | | |
| 59 | | | | | | | | | |
| -- 60 -- | 5y 4/1 | clay | Medium sand | bioturbid contact | | | → Forams present Regular lithology Bedding thickness: thick | | |
| -- 70 -- | | | | | | | -67: Py burrow -72 } crack -75 } | | |
| -- 80 -- | | | | massive | BJ=3 susmt | | | | |
| -- 90 -- | | | | | | | | | |
| -- 100 -- | | | | | | | -97.5: Forams | | |
| -- 110 -- | | | | | | | -105: Forams | | |
| -- 120 -- | | | | | | | -115: Py burrow | | |
| -- 130 -- | | | | | | | | | |
| -- 140 -- | | | | | | | -134: Forams | | |
| -- 150 -- | | | | | | | | | |

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

1385B

Expedition 339: Mediterranean Outflow

1385B FH 2A

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| Drilling disturb. | Color | Grain-size | | Sed. struct. / contact | Bioturb. | Samples | Comments | Logged by: CR NIV | Date: 28-11-2011 |
|-------------------|-------------|------------|-------------|------------------------|----------|----------|---|-------------------------|---------------------|
| | | Avg. | Max. | | | | | | |
| --0-- | 5y 4/1 | | | | | | Major lithology → Forams: Present | | |
| --10-- | | | | | | | Bedding thickness: thick bedded | | |
| --20-- | | | | | | | | | |
| --30-- | | | | | | | | | |
| --40-- | undisturbed | | | massive | BZ = 3 | slight | | | |
| --50-- | | | | | | | | | |
| --60-- | | | | | | | | | |
| --70-- | | | | | | | | | |
| --80-- | | | | | | | | | |
| --80-- | | | | | | | -80 } cold-water coral -82 } (sample) | | |
| 89 | | | | | | | | | |
| --90-- | 2.5y 4/1 | clay | Medium sand | bioturbated contact | | 91.5 SS | Minor lithology Bedding thickness: massive | | |
| --100-- | undisturbed | | | massive | BZ = 4 | moderate | | | |
| --110-- | | | | | | | | | |
| 117 | | | | | | | | | |
| --120-- | 5y 4/1 | clay | Medium sand | bioturbated contact | | | Major lithology -124: green patch | | |
| --130-- | undisturbed | | | massive | BZ = 3 | slight | | | |
| --130-- | | | | | | | | | |
| --140-- | | | | | | | | | |
| --150-- | | | | | | | | | |

MAJOR LITHOLOGY: light silt

MINOR LITHOLOGY:

1385B

Expedition 339: Mediterranean Outflow

65B 4H 3A

149

| Drilling disturb. | Color | Grain-size | | Sed. struct. / contact | Bioturb. | Samples | Comments | Logged by: | Date: |
|-------------------|-------------|------------|-------------|------------------------|------------------|---------|--|------------|----------------|
| | | Avg. | Max. | | | | | | |
| -- 0 -- | 5y 4/1 | | | massive | BZ = 3 SLJ 47 | | Majin lithology (light) Fossils present | | |
| -- 10 -- | 2.5y 4/1 | clay | Medium sand | | | | | | Overlap (dark) |
| -- 20 -- 22 | 5y 4/1 | | | | | | Majin lithology (light) | | |
| -- 30 -- | | | | | | | | | |
| -- 40 -- 34 | 2.5y 4.1 | | | | | | -40 : Py burrow Rinoc litho. | | |
| -- 50 -- | | | | | | | | | |
| -- 60 -- 59 | | | | | | | Majin litho. ↓ Fossils present | | |
| -- 70 -- | | | | | | | | | |
| -- 80 -- | | | | | | | | | |
| -- 90 -- | | | | | | | | | |
| -- 100 -- | | | | | | | | | |
| -- 110 -- | | | | | | | | | |
| -- 120 -- | | | | | | | | | |
| -- 130 -- | | | | | | | | | |
| -- 140 -- | | | | | | | | | |
| -- 150 -- | | | | | | | | | |

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

| Drilling disturb. | Color | Grain-size | | Sed. struct. / contact | Bioturb. | Samples | Comments | Logged by: | Date: |
|-------------------|-------------|------------|------|------------------------|----------|---------|-------------|------------|-------|
| | | Avg. | Max. | | | | | | |
| -- 0 -- | Succ | | | Mudstone | BJ-3 | | Tazir Litho | | |
| -- 10 -- | | | | | | | | | |
| 14 | | | | bioturbated contact | | | | | 14 |
| -- 20 -- | | | | | | | | | |
| -- 25 -- | | | | | | | | | |
| -- 30 -- | | | | | | | | | |
| -- 40 -- | | | | | | | | | |
| -- 50 -- | | | | | | | | | |
| -- 60 -- | | | | Mudstone | BJ-3 | | Thin litho | | |
| -- 70 -- | | | | | | | | | |
| 73 | Undisturbed | | | bioturbated contact | | | | | 73 |
| -- 80 -- | | | | | | | | | |
| -- 90 -- | | | | | | | | | |
| -- 100 -- | | | | Mudstone | BJ-3 | | | | |
| -- 110 -- | | | | | | | | | |
| -- 120 -- | | | | | | | | | |
| -- 130 -- | | | | | | | | | |
| -- 140 -- | | | | | | | | | |
| -- 150 -- | | | | | | | | | |

MAJOR LITHOLOGY: light litho 71%. MINOR LITHOLOGY: dark litho 29%

1385B

Expedition 339: Mediterranean Outflow

U. 35B 4H 5A

(151)

| Drilling disturb. | Color | Grain-size | | Sed. struct. / contact | Bioturb. | Samples | Comments | Logged by: CR NN | Date: |
|-------------------|-----------|------------|------|------------------------|---------------------|----------|--|------------------------|-------|
| | | Avg. | Max. | | | | | | |
| -- 0 -- | | | | | | | Major litho | | |
| -- 10 -- | | | | | | | | | |
| -- 20 -- | | | | | | | | | |
| -- 30 -- | | | | | | | | | |
| -- 40 -- | | | | | | | | | |
| -- 50 -- | | | | | | | | | |
| -- 60 -- | | | | | | | | | |
| -- 70 -- | | | | | | | | | |
| -- 80 -- | | | | | | | | | |
| 83 | under bed | Gray 1 | clay | Medium sand | irregular contact | BI: 4 | Major lithology | | |
| | | 4/10 | | | Massive | Moderate | Minor lithology | | |
| -- 90 -- | | | | | | | 90 Py burrow | | |
| -- 100 -- | | 5Y4/2 | clay | Medium sand | bioturbated contact | BI: 3 | Major lithology | | |
| | | | | | Massive | Slight | Py burrow | | |
| -- 110 -- | | | | | | | 100 thickness: thin bedded forams present BS: 3 (Slight) | | |
| -- 120 -- | | | | | | | 116 Py burrow | | |
| -- 130 -- | | | | | | | | | |
| -- 140 -- | | | | | | | 132 crack | | |
| -- 150 -- | | | | | | | | | |

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

1385B

Expedition 339: Mediterranean Outflow

1385B 4H 6A

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| Drilling disturb. | Color | Grain-size | | Sed. struct. / contact | Bioturb. | Samples | Comments | Logged by: | Date: |
|-------------------|-------|------------|-------------|------------------------|----------|---------|--|------------|-------|
| | | Avg. | Max. | | | | | | |
| -- 0 -- | | | | | BI:3 | | Major lithology (continued from upper section) | | |
| -- 10 -- | | | | | | | | | |
| -- 20 -- | | | | | | | -18 Py burrow | | |
| -- 30 -- | | | | | | | -25 Py burrow | | |
| -- 40 -- | | | | | | | | | |
| -- 50 -- | | | | | | | | | |
| -- 60 -- | | | | | | | -62 Py burrow | | |
| -- 70 -- | | | | | | | -71 Py burrow | | |
| -- 80 -- | | clay | Medium sand | bioturbated contact | BI:4 | | Minor lithology | | |
| -- 90 -- | | clay | Medium sand | bioturbated contact | BI:3 | | | | |
| -- 100 -- | | | | | | | -97 shell fragments | | |
| -- 110 -- | | | | | | | | | |
| -- 120 -- | | | | | | | | | |
| -- 130 -- | | | | | | | -130 → Py burrow | | |
| -- 140 -- | | | | | | | -132 → | | |
| 136 | | | | bioturbated contact | BI:4 | | Minor lithology | | |
| -- 145 -- | | | | | | | | | |
| 145 | | | | | | | -145 | | |
| -- 150 -- | | | | | | | 145-150 cm 25% | | |

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

| Drilling disturb. | Color | Grain-size | | Sed. struct. / contact | Bioturb. | Samples | Comments | Logged by: CR NN | Date: 28/Nov. 2011 |
|-------------------|-------|------------|------|------------------------|----------|---------|-----------------------|------------------------|--------------------------|
| | | Avg. | Max. | | | | | | |
| -- 0 -- | | | | | | | Major 2 py burrow | | |
| -- 10 -- | | | | bioturbated contact | | | | | |
| 12.5 | | | | bioturbated contact | | | Minor 12.5 | | |
| -- 20 -- | | | | bioturbated contact | | | Major | | |
| 18 | | | | bioturbated contact | | 21 SS | | | |
| 24 | | | | bioturbated contact | | | Minor 23 py burrow | | |
| | | | | | | | Major 25 py burrow | | |
| -- 30 -- | | | | | | | | | |
| | | | | | | | 34 py burrow | | |
| 39 | | | | Lithological contact | | | | | |
| -- 40 -- | | | | bioturbated contact | | | Minor 40 py burrow | | |
| 43 | | | | bioturbated contact | | | Major | | |
| -- 50 -- | | | | | | 48 SS | | | |
| -- 60 -- | | | | | | | | | |
| 68 | | | | | | | Minor | | |
| -- 70 -- | | | | | | | | | |
| 77 | | | | | | | | | |
| -- 80 -- | | | | | | | | | |
| -- 90 -- | | | | | | | | | |
| -- 100 -- | | | | | | | | | |
| -- 110 -- | | | | | | | | | |
| -- 120 -- | | | | | | | | | |
| -- 130 -- | | | | | | | | | |
| -- 140 -- | | | | | | | | | |
| -- 150 -- | | | | | | | | | |

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

1385B

Expedition 339: Mediterranean Outflow

1385B 4H CCA

154



| Drilling disturb. | Color | Grain-size | | Sed. struct. / contact | Bioturb. | Samples | Comments | Logged by: CR NY | Date: 28/Nov/1 2011 |
|-------------------|-------|------------|------|------------------------|----------|---------|---|------------------------|---------------------------|
| | | Avg. | Max. | | | | | | |
| -- 0 -- | | | | | | | Major | | |
| 6 | | | | bioturbated contact | | | Minor | | |
| -- 10 -- | | | | | | | | | |
| -- 20 -- | | | | | | | ↓ this interval continues to next core (to 80cm of Sec.1) | | |
| -- 30 -- | | | | | | | | | |
| -- 40 -- | | | | | | | | | |
| -- 50 -- | | | | | | | | | |
| -- 60 -- | | | | | | | | | |
| -- 70 -- | | | | | | | | | |
| -- 80 -- | | | | | | | | | |
| -- 90 -- | | | | | | | | | |
| -- 100 -- | | | | | | | | | |
| -- 110 -- | | | | | | | | | |
| -- 120 -- | | | | | | | | | |
| -- 130 -- | | | | | | | | | |
| -- 140 -- | | | | | | | | | |
| -- 150 -- | | | | | | | | | |

MAJOR LITHOLOGY:

MINOR LITHOLOGY: