

Expedition 339: Mediterranean Outflow

| Drilling disturb. | Color | Grain-size | | Sed. struct. / contact | Bioturb. | Samples | Comments | Logged by: | Date: |
|-------------------|-------------------------|------------|------|------------------------|----------|---------|--|------------|---------------------|
| | | Avg. | Max. | | | | | | |
| --0-- | grey 10y 4/1 ↓ | | | massive | B1-2 | | (2) | C12 | 3/12/11 |
| --10-- | | | | | | | | | ↓ fine downwards |
| --20-- | | | | | | | contact: gradual | | |
| 24 | same | | | | B1-2 | | (1) | | |
| --30-- | | | | | | | | | |
| --40-- | | | | | | | 43: shell frag | | |
| 43 | | | | | | | | | |
| --50-- | | | | | | | | | |
| --60-- | | | | | | | | | |
| 67 | | | | | | | 67: shell frag | | |
| --70-- | same | | | massive | B1-2 | | (2) -67: block shoe (bunch?) shell frag | | |
| --80-- | | | | | | | | | |
| --90-- | | | | | | | | | |
| --100-- | | | | | | | | | |
| --110-- | | | | | | | contact: irregular | | |
| 113 | same | | | | B2-2 | | (1) shell frag | | |
| --120-- | | | | | | | | | |
| --130-- | | | | | | | | | |
| --140-- | | | | | | | | | |
| --150-- | | | | | | | | | |

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|-----------|-------------------|---------------------|---------------------|------|------------------------|-----------|---------|----------|-------------------------------------|-------------------|
| | | | Avg. | Max. | | | | | | |
| -- 0 -- | und. | OLEY1 109 4/1 | | | medium | BI = 2 | | ① | | |
| -- 10 -- | | und. | OLEY1 109 4/1 | | | | | | | |
| -- 20 -- | und. | | 59 4/1 ↓ | | | BI = 2 | | ① | contact: gradational shell frag. | |
| -- 30 -- | | | | | | | | | | |
| -- 40 -- | | | | | | | | | | |
| -- 50 -- | | | | | | | | | | |
| -- 60 -- | | | | | | | | | | |
| -- 70 -- | | | | | | | | | | |
| -- 80 -- | | | | | | | | | | |
| -- 90 -- | | | | | | | | | | |
| 96 -- | | | | | | | | | | -96: Py burrow |
| -- 100 -- | | | | | | | | | | |
| -- 110 -- | | | | | | | | | | -110: Shell frag. |
| -- 120 -- | | | | | | | | | | |
| -- 130 -- | | | | | | | | | | |
| -- 140 -- | | | | | | | | | | -140: Py burrow |
| -- 150 -- | | | | | | | | | | |

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|-----------|-------------------|-------|------------|------|------------------------|----------|---------|----------|------------|---------|
| | | | Avg. | Max. | | | | | | |
| -- 0 -- | | 5Y | | | | | | | ORZ | 3/12/11 |
| | ↓ | 4Y | | | ↓ | Bt = 2 | | ① ↓ | | |
| -- 10 -- | ↓ | ↓ | | | ↓ | ↓ | | | | |
| -- 20 -- | | | | | | | | | | |
| -- 30 -- | | | | | | | | | | |
| -- 40 -- | | | | | | | | | | |
| -- 50 -- | | | | | | | | | | |
| -- 60 -- | | | | | | | | | | |
| -- 70 -- | | | | | | | | | | |
| -- 80 -- | | | | | | | | | | |
| -- 90 -- | | | | | | | | | | |
| -- 100 -- | | | | | | | | | | |
| -- 110 -- | | | | | | | | | | |
| -- 120 -- | | | | | | | | | | |
| 126 | | | | | | | | | | |
| 127 | | | | | | | | | | |
| -- 130 -- | | | | | | | | | | |
| -- 140 -- | | | | | | | | | | |
| -- 150 -- | | | | | | | | | | |

-126 > B bottom

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|-----------|-------------------|---------------------|------------|------|------------------------|----------|---------|--|------------|---------|
| | | | Avg. | Max. | | | | | | |
| -- 0 -- | | 5y 4/1 | | | | | | | C12 | 3/12/11 |
| -- 10 -- | und | | | | medium | B1 =2 | | ① Same as above | | |
| -- 20 -- | | | | | | | | | | |
| -- 30 -- | | | | | | | | | | |
| 34 | | | | | | | | contact: gradational | | |
| -- 40 -- | und | 5y 4/1 | | | medium | B1 =2 | | ② shell frag. black spots (bones?) | | |
| -- 50 -- | | | | | | | | | | |
| -- 60 -- | | | | | | | | | | |
| -- 70 -- | | | | | | | | | | |
| -- 80 -- | | | | | | | | | | |
| -- 90 -- | | | | | | | | | | |
| 94 | | | | | | | | (see on clin) - 94: echinoderme fragment | | |
| -- 100 -- | | | | | | | | contact: gradational | | |
| 101 | | | | | | | | | | |
| -- 110 -- | und | OLEY1 10y 4/1 | | | medium | B2 =2 | | ③ shell frag. (more abundant than above) larger fragments | | |
| -- 120 -- | | | | | | | | | | |
| -- 130 -- | | | | | | | | | | |
| -- 140 -- | | | | | | | | | | |
| -- 150 -- | | | | | | | | - at the end: shell frag. | | |

↓
Locu set

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|-----------|-------------------|-----------------|------------|------|------------------------|------------------|---------|-----------------------------------|----------------|---------------|
| | | | Avg. | Max. | | | | | | |
| -- 0 -- | und | | | | | | | ③ same as above | | |
| -- 10 -- | und | OLEY 105 4/1 | | | blank | B1 = 2 B2 = 2 | | contact: gradual ② shell frag. | | |
| -- 20 -- | | | | | | | | | | |
| -- 30 -- | | | | | | | | | | |
| 33 | | | | | | | | 33 > burrow? | | |
| 37 | | | | | | | | 37 > | | |
| -- 40 -- | | | | | | | | | | |
| -- 50 -- | und | 59 4/1 | | | man | B1 = 2 | | contact: gradual ① | | |
| -- 60 -- | | | | | | | | | | |
| 63 | | | | | | | | 63 > burrow? | | |
| 67 | | | | | | | | 67 > | | |
| -- 70 -- | | | | | | | | Small frags. (few) | | |
| -- 80 -- | | | | | | | | | | |
| -- 90 -- | | | | | | | | | | |
| -- 100 -- | | | | | | | | | | |
| -- 110 -- | | | | | | | | | | |
| -- 120 -- | | | | | | | | | | |
| -- 130 -- | | | | | | | | | | |
| -- 140 -- | | | | | | | | | | |
| -- 150 -- | | | | | | | | | | |

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|----------------|-------------------|-------------------|------------|------|------------------------|----------|---------|----------------------|------------|---------|
| | | | Avg. | Max. | | | | | | |
| -- 0 -- | | | | | | | | | AR | 3/12/11 |
| -- 10 -- | | | | | | | | ① Same as above | | |
| 19 -- 20 -- | | | | | | | | -18: shell frag | | |
| -- 30 -- | | | | | | | | | | |
| -- 40 -- | | | | | | | | | | |
| -- 50 -- 51 | | OLEY ₁ | | | leamic | BZ | | contact: irregular | | |
| -- 60 -- | | 10y | | | | =2 | | ② - 52 > shell frag | | |
| -- 70 -- | | 4/1 | | | | | | - 56 | | |
| -- 80 -- | | | | | | | | contact: gradational | | |
| 71 -- 80 -- | | OLEY ₁ | | | leamic | BZ | | ① | | |
| -- 90 -- | | 10y | | | | =2 | | | | |
| -- 100 -- | | 4/1 | | | | | | | | |
| -- 110 -- | | | | | | | | | | |
| -- 120 -- | | | | | | | | | | |
| -- 130 -- | | | | | | | | | | |
| -- 140 -- | | | | | | | | | | |
| -- 150 -- | | | | | | | | | | |

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|-----------|-------------------|-------|------------|------|------------------------|----------|---------|--------------------|------------|---------|
| | | | Avg. | Max. | | | | | | |
| -- 0 -- | | | | | | | | (1) Same as above | CR | 3/12/11 |
| -- 10 -- | | | | | | | | | | |
| -- 20 -- | | | | | | | | | | |
| -- 30 -- | | | | | | | | | | |
| 35 | | | | | | | | -35: shells frags. | | |
| -- 40 -- | | | | | | | | | | |
| -- 50 -- | | | | | | | | | | |
| -- 60 -- | | | | | | | | | | |
| -- 70 -- | | | | | | | | | | |
| -- 80 -- | | | | | | | | | | |
| -- 90 -- | | | | | | | | | | |
| -- 100 -- | | | | | | | | | | |
| -- 110 -- | | | | | | | | | | |
| -- 120 -- | | | | | | | | | | |
| -- 130 -- | | | | | | | | | | |
| -- 140 -- | | | | | | | | | | |
| -- 150 -- | | | | | | | | | | |



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U1386 B 4H CCA

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|-----------|-------------------|-------|------------|------|------------------------|----------|---------|-----------------|------------|---------|
| | | | Avg. | Max. | | | | | | |
| -- 0 -- | | | | | | | | ① | C12 | 3/12/11 |
| -- 10 -- | | | | | | | | ↓ | | |
| -- 20 -- | | | | | | | | -18 silt frags. | | |
| -- 30 -- | | | | | | | | | | |
| -- 40 -- | | | | | | | | | | |
| -- 50 -- | | | | | | | | | | |
| -- 60 -- | | | | | | | | | | |
| -- 70 -- | | | | | | | | | | |
| -- 80 -- | | | | | | | | | | |
| -- 90 -- | | | | | | | | | | |
| -- 100 -- | | | | | | | | | | |
| -- 110 -- | | | | | | | | | | |
| -- 120 -- | | | | | | | | | | |
| -- 130 -- | | | | | | | | | | |
| -- 140 -- | | | | | | | | | | |
| -- 150 -- | | | | | | | | | | |



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