

| Drilling disturb. | Color          | Grain-size |                        | Sed. / struct. / contact | Bioturb. | Samples | Comments   | Logged by: | Date:       |
|-------------------|----------------|------------|------------------------|--------------------------|----------|---------|--|------------|-------------|
|                   |                | Avg.       | Max.                   |                          |          |         |  | NU         | 12/Dec/2011 |
| 0--               |                |            |                        |                          |          |         | Type 1. Mud  |            |             |
| 10--              | GLEK<br>10Y4/1 | Clay       | Medium sand<br>(foram) | Mottled?                 | BI:2     |         | { Foram rich<br>↳ 4 Shell fractions<br>(to the bottom of this section)<br>↳ 19 shell fractions |            |             |
| 20--              |                |            |                        |                          |          |         |  |            |             |
| 30--              |                |            |                        |                          |          |         |  |            |             |
| 40--              |                |            |                        |                          |          |         | ↳ 6 shell fraction   |            |             |
| 50--              |                |            |                        |                          |          |         |  |            |             |
| 60--              |                |            |                        |                          |          |         |  |            |             |
| 70--              |                |            |                        |                          |          |         |  |            |             |
| 80--              | Biscuits       |            |                        |                          |          |         |  |            |             |
| 90--              |                |            |                        |                          |          |         |  |            |             |
| 100--             |                |            |                        |                          |          |         |  |            |             |
| 110--             |                |            |                        |                          |          |         |  |            |             |
| 120--             |                |            |                        |                          |          |         |  |            |             |
| 130--             |                |            |                        |                          |          |         |  |            |             |
| 140--             |                |            |                        |                          |          |         |  |            |             |
| 142               | GLEK<br>10Y4/1 | Silt       | Silt                   | Gradational contact      |          |         | Type 2: Silty mud  |            |             |
| 149               |                |            |                        | Mottled                  |          |         | ↳ 145 shell fractions  |            |             |
| 150--             |                |            |                        |                          |          |         |  |            |             |

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|-----------|-------------------|-----------------|----------------|--------------|------------------------|----------|--|----------|--|-------|
|           |                   |                 | Avg.           | Max.         |                        |          |  |          |  |       |
| -- 0 --   |                   |                 |                |              |                        |          |  | UN       | 12/Dec/01                              |       |
| -- 10 --  |                   |                 |                |              |                        |          | <p>Type 2: Silty mud continued from 1A</p> <p>shell fractions</p> <p>Finning upward (turbidite?)</p> |          |  |       |
| -- 23 --  |                   |                 |                |              | Gradational contact    |          |  |          |  |       |
| 23        |                   | GLEXY 1 (OY4/1) | Very fine sand | Fine sand    | Mottled Sharp          | BI:2     | 25SS   |          | Type 3: Silty sand                     |       |
| 28        |                   |                 |                |              |                        |          |  |          |  |       |
| -- 30 --  |                   | GLEXY 1 (OY4/1) | Clay           | Fine sand    | contact                | BI:3     |  |          | Type 1: Mud                            |       |
| -- 40 --  |                   |                 |                | ↑ in burrows | partly bioturbated     |          |  |          |  |       |
| -- 50 --  |                   |                 |                |              |                        |          |  |          |  |       |
| -- 60 --  |                   |                 |                |              |                        |          |  |          |  |       |
| -- 70 --  |                   |                 |                |              |                        |          |  |          |  |       |
|           | Biscuits          |                 |                |              |                        |          |  |          |  |       |
| -- 70 --  |                   |                 |                |              |                        |          |  |          | 69-70 } burrows filled with silty sand |       |
|           |                   |                 |                |              |                        |          |  |          | 75-76 } shell fractions                |       |
| -- 80 --  |                   |                 |                |              |                        |          |  |          | 81.5 Foram patches                     |       |
| -- 90 --  |                   |                 |                |              |                        |          |  |          |  |       |
|           |                   |                 |                |              |                        |          |  |          | 95 } Gastropod shell                   |       |
| -- 100 -- |                   |                 |                |              |                        |          |  |          | 99.5 Py burrow                         |       |
| -- 110 -- |                   |                 |                |              |                        |          |  |          |  |       |
|           |                   |                 |                |              |                        |          |  |          | 115 } shell fractions                  |       |
| -- 120 -- |                   |                 |                |              |                        |          |  |          | 120 }                                  |       |
| -- 130 -- |                   |                 |                |              |                        |          |  |          |  |       |
|           |                   |                 |                |              |                        |          |  |          | 137.5 Py burrow                        |       |
| -- 140 -- |                   |                 |                |              |                        |          |  |          |  |       |
| -- 150 -- |                   |                 |                |              |                        |          |  |          |  |       |

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|           | Drilling disturb. | Color    | Grain-size |                   | Sed. / struct. / contact | Bioturb. | Samples | Comments | Logged by:<br>NN | Date:<br>2/Dec/2011             |
|-----------|-------------------|----------|------------|-------------------|--------------------------|----------|---------|----------|------------------|---------------------------------|
|           |                   |          | Avg.       | Max.              |                          |          |         |          |                  |                                 |
| -- 0 --   |                   |          |            |                   |                          |          |         |          |                  | Type 1: Mud continued from 1A   |
| -- 10 --  |                   |          |            |                   |                          |          |         |          |                  |                                 |
| -- 20 --  |                   |          |            |                   |                          |          |         |          |                  |                                 |
| -- 30 --  |                   |          |            |                   |                          |          |         |          |                  |                                 |
| -- 40 --  |                   |          |            |                   |                          |          |         |          |                  |                                 |
| 42        |                   | Grey     | Silt       | Silt              | Bioturbated contact      | BI: 3    |         |          |                  | Type 2: Silty mud               |
| -- 50 --  |                   |          |            |                   |                          |          |         |          |                  | -50 shell fragment              |
| -- 60 --  |                   |          |            |                   | Mottled?                 |          |         |          |                  |                                 |
| -- 70 --  |                   |          |            |                   |                          |          |         |          |                  |                                 |
| 71        |                   | Grey     | Silt       | Fine Sand (Foram) | Bioturbated contact      | BI: 3    |         |          |                  | Type 2: Silty mud               |
| -- 80 --  |                   |          |            |                   |                          |          |         |          |                  | Foram rich                      |
| -- 90 --  | bits              |          |            |                   | Mottled?                 |          |         |          |                  | (to the bottom of this section) |
| -- 100 -- |                   |          |            |                   |                          |          |         |          |                  | -104 shell fractions            |
| -- 110 -- |                   |          |            |                   |                          |          |         |          |                  |                                 |
| -- 120 -- |                   |          |            |                   |                          |          |         |          |                  |                                 |
| -- 130 -- |                   |          |            |                   |                          |          |         |          |                  |                                 |
| -- 140 -- |                   |          |            |                   |                          |          |         |          |                  |                                 |
| 141       |                   |          |            |                   | Gradational contact      |          |         |          |                  | Type 2: Silty mud               |
| -- 150 -- |                   | 2.5Y 4/1 | Silt       | Fine Sand (Foram) | Mottled?                 | BI: 3    |         |          |                  |                                 |

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| Drilling disturb. | Color | Grain-size |      | Sed. struct. / contact | Bioturb. | Samples | Comments                        | Logged by: | Date:             |
|-------------------|-------|------------|------|------------------------|----------|---------|---------------------------------|------------|-------------------|
|                   |       | Avg.       | Max. |                        |          |         |                                 |            |                   |
|                   |       |            |      |                        |          |         |                                 | NN         | 12/Dec/2011       |
| -- 0 --           |       |            |      |                        |          |         | Type 2: Silty mud               |            | continued from 3A |
|                   |       |            |      |                        |          |         | Dispersed Shell fractions       |            |                   |
| -- 10 --          |       |            |      |                        |          |         |                                 |            |                   |
|                   |       |            |      |                        |          |         | (to the bottom of this section) |            |                   |
| -- 20 --          |       |            |      |                        |          |         |                                 |            |                   |
| -- 30 --          |       |            |      |                        |          |         | 30 Foram patch                  |            |                   |
| -- 40 --          |       |            |      |                        |          |         | 39 Gastropod                    |            |                   |
| -- 50 --          |       |            |      |                        |          |         |                                 |            |                   |
|                   |       |            |      |                        |          |         | 56 shell fragments              |            |                   |
| -- 60 --          |       |            |      |                        |          |         |                                 |            |                   |
| -- 70 --          |       |            |      |                        |          |         |                                 |            |                   |
| -- 80 --          |       |            |      |                        |          |         |                                 |            |                   |
|                   |       |            |      |                        |          |         |                                 |            |                   |
| -- 90 --          |       |            |      |                        |          |         |                                 |            |                   |
|                   |       |            |      |                        |          |         |                                 |            |                   |
| -- 100 --         |       |            |      |                        |          |         |                                 |            |                   |
|                   |       |            |      |                        |          |         |                                 |            |                   |
| -- 110 --         |       |            |      |                        |          |         |                                 |            |                   |
|                   |       |            |      |                        |          |         |                                 |            |                   |
| -- 120 --         |       |            |      |                        |          |         |                                 |            |                   |
|                   |       |            |      |                        |          |         |                                 |            |                   |
| -- 130 --         |       |            |      |                        |          |         |                                 |            |                   |
|                   |       |            |      |                        |          |         |                                 |            |                   |
| -- 140 --         |       |            |      |                        |          |         |                                 |            |                   |
|                   |       |            |      |                        |          |         |                                 |            |                   |
| -- 150 --         |       |            |      |                        |          |         |                                 |            |                   |

Biscuits

81.5  
Foram patches  
98.5

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

|            | Drilling disturb. | Color           | Grain-size |                        | Sed. struct. / contact           | Bioturb. | Samples | Comments                            | Logged by: | Date:    |
|------------|-------------------|-----------------|------------|------------------------|----------------------------------|----------|---------|-------------------------------------|------------|----------|
|            |                   |                 | Avg.       | Max.                   |                                  |          |         |                                     |            |          |
| -- 0 --    |                   |                 |            |                        |                                  |          |         |                                     | NU         | 2/Dec/01 |
| -- 10 --   |                   |                 |            |                        |                                  |          |         | Type 2: Silty mud continued from 4A |            |          |
| -- 20 --   |                   |                 |            |                        |                                  |          |         | 15 Shell fragments                  |            |          |
| -- 23 --   |                   |                 |            |                        |                                  |          |         | 23 ]                                |            |          |
| -- 28 --   |                   |                 |            |                        |                                  |          |         | 28 Py burrow                        |            |          |
| -- 30 --   |                   |                 |            |                        |                                  |          |         | 30 ]                                |            |          |
| -- 31 --   |                   |                 |            |                        |                                  |          |         | 31 ] shell fractions                |            |          |
| -- 40 --   |                   |                 |            |                        |                                  |          |         |                                     |            |          |
| -- 50 --   |                   |                 |            |                        |                                  |          |         |                                     |            |          |
| -- 57 --   |                   |                 |            |                        |                                  |          |         | 57 ]                                |            |          |
| -- 58.5 -- |                   |                 |            |                        |                                  |          |         | 58.5 ] Py burrows                   |            |          |
| -- 60 --   |                   |                 |            |                        |                                  |          |         |                                     |            |          |
| -- 70 --   |                   |                 |            |                        |                                  |          |         |                                     |            |          |
| -- 80 --   |                   |                 |            |                        |                                  |          |         |                                     |            |          |
| -- 90 --   |                   |                 |            |                        |                                  |          |         |                                     |            |          |
| -- 96 --   |                   |                 |            |                        |                                  |          |         | 96 Shell fractions                  |            |          |
| -- 100 --  |                   |                 |            |                        |                                  |          |         |                                     |            |          |
| -- 108 --  |                   |                 |            |                        |                                  |          |         | 108 Foraminifera                    |            |          |
| -- 124 --  |                   |                 |            |                        |                                  |          |         |                                     |            |          |
| -- 129 --  |                   | GLEYS<br>10Y4/1 | Clay       | Fine sand<br>(Foliate) | Gradational contact<br>Mottled ? |          |         | Type 1: Mud                         |            |          |
| -- 137 --  |                   |                 |            |                        |                                  |          |         | 137 Shell fraction                  |            |          |
| -- 143 --  |                   |                 |            |                        |                                  |          |         | 143 Gastropod                       |            |          |
| -- 150 --  |                   |                 |            |                        |                                  |          |         |                                     |            |          |

Biscuits

MAJOR LITHOLOGY:

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|     | Drilling disturb. | Color | Grain-size |      | Sed. struct. / contact | Bioturb. | Samples | Comments | Logged by: | Date:                         |
|-----|-------------------|-------|------------|------|------------------------|----------|---------|----------|------------|-------------------------------|
|     |                   |       | Avg.       | Max. |                        |          |         |          | NN         | 2/Dec/2.11                    |
| 0   |                   |       |            |      |                        |          |         |          |            | Type 1: Mud continued from 5A |
| 10  |                   |       |            |      |                        |          |         |          |            | Corals                        |
| 20  |                   |       |            |      |                        |          |         |          |            |                               |
| 30  |                   |       |            |      |                        |          |         |          |            | Foram patch & Gastropod       |
| 40  |                   |       |            |      |                        |          |         |          |            |                               |
| 44  |                   |       |            |      |                        |          |         |          |            | Shell fragments               |
| 46  |                   |       |            |      |                        |          |         |          |            |                               |
| 51  |                   |       |            |      |                        |          |         |          |            |                               |
| 60  |                   |       |            |      |                        |          |         |          |            |                               |
| 70  |                   |       |            |      |                        |          |         |          |            |                               |
| 85  |                   |       |            |      |                        |          |         |          |            |                               |
| 88  |                   |       |            |      |                        |          |         |          |            | Type 2: Silty mud             |
| 89  |                   |       |            |      |                        |          |         |          |            |                               |
| 90  |                   |       |            |      |                        |          |         |          |            |                               |
| 99  |                   |       |            |      |                        |          |         |          |            |                               |
| 100 |                   |       |            |      |                        |          |         |          |            |                               |
| 105 |                   |       |            |      |                        |          |         |          |            | Shell fractions               |
| 109 |                   |       |            |      |                        |          |         |          |            |                               |
| 110 |                   |       |            |      |                        |          |         |          |            |                               |
| 111 |                   |       |            |      |                        |          |         |          |            |                               |
| 120 |                   |       |            |      |                        |          |         |          |            |                               |
| 130 |                   |       |            |      |                        |          |         |          |            |                               |
| 140 |                   |       |            |      |                        |          |         |          |            |                               |
| 150 |                   |       |            |      |                        |          |         |          |            |                               |

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MINOR LITHOLOGY:

|           | Drilling disturb. | Color | Grain-size |      | Sed. struct. / contact | Bioturb. | Samples | Comments                           | Logged by: | Date:       |
|-----------|-------------------|-------|------------|------|------------------------|----------|---------|------------------------------------|------------|-------------|
|           |                   |       | Avg.       | Max. |                        |          |         |                                    |            |             |
| -- 0 --   | Biscuits          |       |            |      |                        |          |         |                                    | N N        | 12/Dec/2011 |
|           |                   |       |            |      |                        |          |         | Top 2' Silty mud continued from 6A |            |             |
| -- 10 --  |                   |       |            |      |                        |          |         | 5 Foram patch                      |            |             |
|           |                   |       |            |      |                        |          |         | 12 Foram patch                     |            |             |
| -- 20 --  |                   |       |            |      |                        |          |         | 22.5 Foram patch & Py burrow       |            |             |
|           |                   |       |            |      |                        |          |         | 25 Py burrow                       |            |             |
| -- 30 --  |                   |       |            |      |                        |          |         |                                    |            |             |
| -- 40 --  |                   |       |            |      |                        |          |         | 42 Py burrow                       |            |             |
| 47        |                   |       |            |      |                        |          |         |                                    |            |             |
| 49        |                   |       |            |      |                        |          |         |                                    |            |             |
| -- 50 --  |                   |       |            |      |                        |          |         | Gap                                |            |             |
| 57        |                   |       |            |      |                        |          |         |                                    |            |             |
| -- 60 --  |                   |       |            |      |                        |          |         |                                    |            |             |
| -- 70 --  |                   |       |            |      |                        |          |         |                                    |            |             |
| -- 80 --  |                   |       |            |      |                        |          |         |                                    |            |             |
| -- 90 --  |                   |       |            |      |                        |          |         |                                    |            |             |
| -- 100 -- |                   |       |            |      |                        |          |         |                                    |            |             |
| -- 110 -- |                   |       |            |      |                        |          |         |                                    |            |             |
| -- 120 -- |                   |       |            |      |                        |          |         |                                    |            |             |
| -- 130 -- |                   |       |            |      |                        |          |         |                                    |            |             |
| -- 140 -- |                   |       |            |      |                        |          |         |                                    |            |             |
| -- 150 -- |                   |       |            |      |                        |          |         |                                    |            |             |

MAJOR LITHOLOGY:

MINOR LITHOLOGY:



| Depth (m) | Drilling disturb. | Color | Grain-size |      | Sed. struct. / contact | Bioturb. | Samples | Comments                            | Logged by: | Date:       |
|-----------|-------------------|-------|------------|------|------------------------|----------|---------|-------------------------------------|------------|-------------|
|           |                   |       | Avg.       | Max. |                        |          |         |                                     |            |             |
| 0         |                   |       |            |      |                        |          |         |                                     | NN         | 12/Dec/2011 |
| 0-10      |                   |       |            |      |                        |          |         | Type 2: Silty mud continued from 9A |            |             |
| 10-20     | Biscuits          |       |            |      |                        |          |         | 13 Forampatches<br>20               |            |             |
| 30-32     |                   |       |            |      |                        |          |         | Paleo sample                        |            |             |
| 32-40     |                   |       |            |      |                        |          |         |                                     |            |             |
| 40-150    |                   |       |            |      |                        |          |         |                                     |            |             |

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