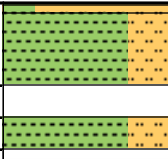



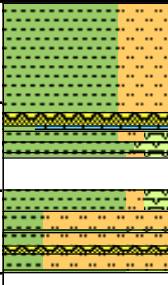






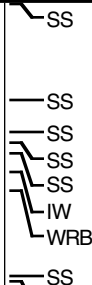


## Core Photo

1255A-1R No Recovery

| Site 1255 Hole A Core 2R      Cored 132.7-142.4 mbsf |             |   |           |        |   |             |   |   |  |  |
|--|-------------|---|-----------|--------|---|-------------|---|---|--|--|
| METERS   | SECTION     | GRAPHIC<br>LITH.  | STRUCTURE | ICHNO. | BIOTURB.  | ACCESSORIES | FRACTURES   | DISTURB.  | SAMPLE                                   | DESCRIPTION  |
| 134  | 1<br>2<br>3 |  |           |        |  |             |  |  | SS<br>SS<br>IW<br>WRB<br>SS<br>SS<br>WRP | Massive, dark grayish green CLAYSTONE WITH SILT dominates the core, with a minor interbed of more coarse grained, massive, dark brownish gray SILTSTONE WITH CLAY at Section 1, 0-14 cm. In Section 3, 35-44 cm there is moderate drilling induced disturbance where deformed core liner is folded back inside the edge of the core. |

## Core Photo

| Site 1255 Hole A Core 3R      Cored 142.4-152.0 mbsf |         |   |   |   |   |   |   |   |   |   |
|--|---------|---|---|---|---|---|---|---|---|---|
| METERS   | SECTION | GRAPHIC<br>LITH.  | STRUCTURE   | ICHNO.  | BIOTURB.  | ACCESSORIES   | FRACTURES   | DISTURB.  | SAMPLE  | DESCRIPTION   |
| 144  | 1       |  |  |  |  |  |  |  |  | Core comprises massive, dark grayish green CLAYSTONE WITH SILT characterized by rare mottle zones and unidentified burrows filled by a dark grayish material. In Section 2, 39-45 cm a light greenish gray NANNOFOSSIL CHALK is noted, underlain by 1 cm of dark greenish gray CLAYSTONE marked by parallel lamination. The core is distinguished by a number of redeposited intervals. A massive, mid greenish gray sandy CONGLOMERATE is seen at Section 2, 17-39 cm, with a dark greenish gray CONGLOMERATE (clasts up to 1 cm across) grading up into SILTSTONE at Section 3, 85-100 cm and a normally graded SILTSTONE WITH CLAY at Section 3, 100-121 cm. Each redeposited interval overlies a thin (<10 cm) dark grayish green interval of massive CLAYSTONE WITH DIATOMS. In Section 1, 142-146 cm and Section 2, 16 cm redeposited angular clasts of crystalline WACKESTONE are recorded, suspended within the background muddy sediment. Individual clasts of LIMESTONE are up to 18 mm across. |
| 146  | 2       |   |   |   |   |   |   |   |   |   |
|  | 3       |   |   |   |   |   |   |   |   |   |

1255A-4R Entire Core taken for Interstitial Water and Physical Properties Samples

| Sample |           |         |     |              | Lithology | Texture |      |      | Mineral            |         |              |          |            |      |        |        |                |         | Biogenic |            |              |              |              |                   |                 | Rock             |               |                    | Comments                            |                     |  |
|--------|-----------|---------|-----|--------------|-----------|---------|------|------|--------------------|---------|--------------|----------|------------|------|--------|--------|----------------|---------|----------|------------|--------------|--------------|--------------|-------------------|-----------------|------------------|---------------|--------------------|-------------------------------------|---------------------|--|
| Core   | Core type | Section | Top | Depth (mbsf) |           | Sand    | Silt | Clay | Accessory minerals | Calcite | Clay Mineral | Feldspar | Glauconite | Mica | Opakes | Quartz | Volcanic Glass | Zeolite | Diatoms  | Discoaster | Foraminifers | Nannofossils | Radiolarians | Silicoflagellates | Sponge Spicules | Carbonate Grains | Rock Fragment | Volcanic Ash       |                                     |                     |  |
| Hole A |           |         |     |              |           |         |      |      |                    |         |              |          |            |      |        |        |                |         |          |            |              |              |              |                   |                 |                  |               |                    |                                     |                     |  |
| 2      | R         | 1       | 10  | 132.8        | M         | 0       | 70   | 30   | 8                  |         | 30           | 3        |            | 2    | 4      | 13     | 6              |         |          |            |              |              |              |                   |                 |                  |               |                    | 34                                  | Siltstone with clay |  |
| 2      | R         | 1       | 124 | 133.94       | D         | 0       | 40   | 60   | 2                  |         | 52           | 3        | 1          | 4    | 2      | 8      | 2              | 1       | 1        |            |              | 4            | 1            | 0                 | 2               | 5                | 2             | 10                 | Claystone with Silt                 |                     |  |
| 2      | R         | 3       | 6   | 134.48       | D         | 0       | 43   | 57   |                    |         | 57           |          |            | 2    |        | 5      | 7              | 3       | 5        |            | 3            |              | 1            |                   | 2               |                  |               |                    | 15                                  | Claystone with Silt |  |
| 2      | R         | CC      | 0   | 134.89       | D         | 0       | 30   | 70   | 1                  |         | 45           |          |            | 2    | 2      | 5      | 2              | 2       | 8        |            | 3            | 5            | 1            | 1                 | 2               | 12               |               | 9                  | Claystone with Silt                 |                     |  |
| 3      | R         | 1       | 0   | 142.40       | D         | 0       | 52   | 48   |                    |         | 48           |          |            | 1    | 3      | 10     | 10             | 3       | 3        |            | 1            | 4            |              |                   | 2               |                  |               |                    | 15                                  | Claystone with Silt |  |
| 3      | R         | 1       | 145 | 143.85       | M         | 0       | 20   | 80   | 0                  | 80      | 0            | 0        | 0          | 1    | 1      | 3      | 0              | 0       | 0        | 0          | 0            | 0            | 0            | 0                 | 0               | 15               | 0             | 0                  | Wackestone                          |                     |  |
| 3      | R         | 2       | 12  | 144.02       | D         | 0       | 20   | 80   | 1                  | 0       | 75           | 1        |            | 1    | 2      | 2      | 3              | 1       | 1        |            | 2            |              |              | 1                 |                 |                  | 10            | Claystone with ash |                                     |                     |  |
| 3      | R         | 2       | 44  | 144.34       | M         | 0       | 35   | 65   | 0                  |         | 15           | 2        | 0          | 0    | 2      | 5      | 2              | 0       | 1        | 10         | 3            | 50           | 0            | 0                 | 2               | 0                | 0             | 8                  | Nannofossil chalk with clay and ash |                     |  |
| 3      | R         | 2       | 57  | 144.47       | D         | 0       | 51   | 49   | 0                  |         | 49           | 0        | 0          | 2    | 1      | 3      | 15             | 0       | 20       |            | 2            | 0            | 2            | 1                 | 5               | 0                | 0             | 0                  | Claystones with diatoms and glass   |                     |  |
| 3      | R         | 2       | 71  | 144.61       | D         | 0       | 43   | 57   | 0                  | 0       | 57           | 0        | 0          | 1    | 0      | 3      | 7              | 0       | 20       | 0          | 2            | 0            | 2            | 1                 | 4               | 0                | 0             | 3                  | Claystone with diatoms              |                     |  |
| 3      | R         | CC      | 0   | 146.48       | D         | 0       | 35   | 65   |                    |         | 60           |          |            | 1    | 3      | 5      | 8              |         | 10       |            |              | 5            |              |                   | 3               |                  |               | 5                  | Claystone with silt and diatoms     |                     |  |
| 4      | R         | 1       | 38  | 152.38       | D         | 0       | 37   | 63   |                    |         | 60           |          |            | 0    | 2      | 5      | 2              |         | 20       |            |              | 3            |              |                   |                 |                  |               | 8                  | Claystone with diatoms              |                     |  |
| 4      | R         | CC      | 17  | 152.55       | D         | 0       | 25   | 75   |                    |         | 59           |          |            | 2    | 3      | 7      | 5              |         | 8        |            | 2            |              |              |                   | 2               |                  |               | 12                 | Claystone with ash                  |                     |  |