IODP-MSP (Exp. 364) VISUAL SECTION UNIT DESCRIPTION

Exp.	Site	Hole	Core	Type	Section
364	77	A	19	R	1

Date	Time	Observers
24.09.16	9:00	EC FW

[cm] | Image | Unit # | Lithology | Veins and Alteration | Structures | Burrows | Ichnofabrics | Fossils | Core Disturbance | Description

0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

Unit 1 — marlstone

98 cm

Unit 2 — marlstone

Laminated marlstone with alternations of darker (2.5Y 3/2) and lighter (2.5Y 5/2) layers
↓ more foram
↓ less foram.

- from 0 to 15 cm = dark laminated layers
- from 15 to 24 = lighter burrowed marlstone (ichno 2→3)
- 24 to 34 = marl interbedded with claystone lighter colored (ichno 3→4)
  ↳ 33 = one thin bed claystone (of ash) (4 mm thick)
  34 to 54 = dark marlstone laminated
  54 to 76.5 cm = lighter lighter colored laminated (2 or 4 cm thick of darker and lighter lay) (→ ichnofabric
  77 to 78.5 = altered claystone (not react to HCl)
  78.5 to 84 = marlstone laminated
  84 to 93 cm = (2 to 3 laminated upper top → 4 at the bottom) marlstone with burrows

CT Facies:
- alternat° of dark grey and light grey
- claystone appears white.
- claystone (77 cm) appears black in the upper part and white in the lower part (altered?)

↓ gradational contact

98 to 105 cm = dark laminated marlstone (1 to 5 cm) → packstone (fewgrains)
105 to 108 = lighter color of burrowed marlstone (ichnofabric 2→3)
110.5 ~~108~~ to 112 m. = interbedded claystone burrowed
112 to 132 = laminated marlstone with local isolate burrows, with high content of forams.

↳ CT facies =
- light grey for the most part of the unit with white layers corresponded to the claystone.

isolate