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

Exp.	Site	Hole	Core	Type	Section
364	77	A	20	R	1

Date	Time	Observers
25.09.16	10:30	EC / MW

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

Unit 1 — marlstone (13cm)

marlstone laminated and bioturbated (few forams) 2.5Y 4/2

Unit 2 — marlstone (83cm)

laminated dark marlstone. 2.5Y 2/0

- from 13 to 58cm, few {uncontinuous lighter beds / lenticular} 2.5Y 6/2 => packstone.
  - ↳ at 14cm, nodule (don't react to HCl) 5mm-thick
  - ↳ at 16cm, nodule/burrow (react to HCl)
  - ↳ between 20 and 22cm, high content of forams.
  - ↳ at 26cm, one layer of claystone (7mm-thick)
  - ↳ at 45cm, " " " " (3mm-thick)
  - ↳ at 49cm, "wavy lamination".
  - ↳ at 55cm, nodule (don't react to HCl)
  - ↳ at 57cm, lenticular beds (no reaction HCl)
- between 66 and 71cm, claystone bioturbated (ichnofabric 4)
- 71 to 83cm, laminated marlstone
- → highly truncated base. *

Unit 3 — marlstone

- From 83 to 85cm, and 85 to 87cm, two layers with high truncated top and base fining-up
- From 87 to 151cm, alternation of light and dark layers bioturbated.
  - ↙ 2.5Y 4/2 ↘ 2.5Y 2/0
  - ↳ at 111cm, burrow of 4cm length.
  - ↳ at 125cm, sharp truncature.
  - ↳ at 143, "wavy beds".

CT facies =
- → 2 ~~coarsening~~ fining-up beds → at the top = dark gray; → at the base = white
- → light layers appears light gray
- → dark layers appears black

*CT facies unit 1 = light gray

wavy beds appears white ⊕ burrows appears black
claystone appears black (altered/bioturbated part → white)