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

Exp. 364 | Site 77 | Hole A | Core 27 | Type R | Section 2

Date 25.03.16 | Time 17:50 | Observers C.R.

[Image of section with data]

- **Lithology**: Darkstone with interbedded harly packstone

- **Veins and Alteration**: None mentioned

- **Structures**: None mentioned

- **Fossil**: Forams

- **Foraminifera**: None mentioned

- **Description**:
  - Laminated darkstone. Lamination in many areas disturbed due to bioturbation. Burrows (lenses) present - rare. Color: 2.5Y + black 2.5/1 + very dark grey 3/1 + dark greyish brown 4/12
  - Harly packstone
    - Color 2.5 Y 6/12 light brownish grey
    - cm 77 - 84
    - Many light brown lenses (burrows) - laminations not well cut out (11, 12)
  - Laminated darkstone
    - cm 0 - 60
    - cm 49 - 77 (slight lam, some bioturbation)
    - cm 120 - 123
    - cm 123 - bottom
  - Black layer - soft - cm 113 rocks on HCL
  - Pyrite at cm 125 / cm 48
  - Claystone layers
    - cm 20, 5 - Gley 1 G (grey)
    - cm 40 - 50 - altered, intermixed w/ marl/med - Pyrite crystals
    - cm 66
    - cm 104, 5
    - cm 124
    - cm 126 - 129 - altered, intermixed w/ marl/med - Pyrite crystals
+ crack (vertical) cm 15-19 - pyrite minerals
+ pyrite at cm 20
+ chevron nodules below cm 10 & 13

CT - facies:

intervals mainly light grey ↓ horizontal, a↑
& black layer d↓ a↓

altered clay layer: a↑, ↑↓↓, pyrite white d↑ a↑