

# Corelogger Protocol

**Core label:** PS64/336

**Core type:** SL

**Length:** 4.58m

## 1. Measurement

**Date:** 02.07.2003

**Name:** Usbeck

Section	Corelabel	Comments
1	0-100	Bad acoustic coupling (gas)
2	100-200	Bad acoustic coupling (gas)
3	200-219	Bad acoustic coupling (gas)
4	219-319	Bad acoustic coupling (gas)
5	319-408	Bad acoustic coupling (gas)
6	408-458	Bad acoustic coupling (gas)
<b>Total</b>	<b>458</b>	

### Comments:

- Measured at approx. 6 °C, directly after retrieval
- Poor acoustic signal due to high gas content
- Temperatures logged (approx. every 10 cm)
- T from ca. 6 °C (top) to 14 °C (bottom)
- PW-velocities probably not correct (gas caves in core, low amplitudes)
- Interval 2cm
- Core measured from bottom to top, data reversed afterwards

## 2. Processing

**Name:** Usbeck

### MSCL-parameter, measurement conditions, and calibrations:

- PTO: 7.49  $\mu$ s at 7.7 °C
- $\gamma$ -Density: a = 0.0002, b = -0.0703, c = 9.9465
- PW-velocity normalized to 20 °C
- BED = 0.1
- Liner thickness 2.5 mm
- Outer liner diameter 125 mm
- Susceptibility sensor (10-6 SI): Loop
- Susceptibility volume correction (10-5 SI): 6.39

**Comments:**

- Drift and ends of cores corrected for magnetic susceptibility (10cm).
- Negative susceptibility values removed
- Density values and at section breaks removed
- Temperature and PW-veloc. supplied to PANGAEA