

## Core Description Procedures

The description of each core should consist of three types of information:

1. The primary information (latitude, longitude, water depth, core length);
2. The description of the lithology (using megascopic and smear-slide observations);
3. Information concerning core conditions that are not inherent to the lithological character of the sediments (disturbance, missing section, etc.).

Most of the primary information can be obtained from the cruise report, or from other documentation provided by the chief scientist(s) of the cruise. Core condition, not inherent to the lithological character of the sediments, should also be recorded from the cruise report and from initial observations after cutting the core liner.

A graphic log illustrating the main lithological boundaries, inclusions, sedimentary structures, and disturbances of the sedimentary units should accompany each core description.

The cutting of cores into sections may result in sediment disturbance. Therefore, indicating the position of the core section breaks on the log is recommended in order to inform the investigator as to where samples should not be taken.

All this information can be recorded using the log sheet on the following page.

**Note: the same format is used for describing piston, trigger and gravity cores.**