Core Description

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Overview

Depending on the types of sediments or rocks cored, the scientists involved in core description may include sedimentologists, petrologists, or structural geologists. The main duties include

- Macroscopic visual description of split cores
- Microscopic observations from smear slides and thin sections
- Description and measurement of deformational structures
- Preliminary interpretation of depositional, diagenetic, or deformational processes
- Selection of samples for shipboard analyses
- Acquisition of data with split-core tracks, including digital images, diffuse color reflectance, and magnetic susceptibility

DESClogik core and fossil description application

- Core description resources (link to shorebased Google docs)
- DESClogik Frequently Asked Questions
- DESClogik Micropaleontology Quick Start Guide
- DESClogik Quick Start Guide
- DESClogik Ship and Shore Data SOP
- DESClogik asset cleanup instructions
- Value List Builder Macro: User Guide
- Thin Section Report Builder

Video Tutorials (Windows Media Player)

- Sample Master: How to Enter Smear Slides
- Sample Master: How to Enter Paleo Samples
- DESClogik 101: Core Describers
- DESClogik 101: Paleontology
- DESClogik 102: Cancel vs. Clear
• DESClogik 103: Special Functions
• DESClogik 104: LIVE

Section Half Imaging Logger (SHIL)
• SHIL Quick Start Guide
• SHIL User Guide
• SHIL QAQC Report

Section Half Multisensor Logger (SHMSL)
• SHMSL Quick Start Guide
• SHMSL User Guide

Scanning Electron Microscope (SEM)
• SEM User Guide
• SEM Quick Start Guide
• SEM Sputter Coating Quick Start Guide