



Drill Cuttings Description and Quality Control

Course Introduction:

- Overview of drill cuttings and their significance in the drilling process.
- Objectives of the training program.
- Importance of effective drill cuttings description and quality control in resource exploration.

Course Objectives:

Upon the successful completion of this course, each participant will be able to:-

- Understand the formation and characteristics of drill cuttings.
- Learn techniques for describing and classifying drill cuttings.
- Explore quality control measures in cuttings analysis.
- Gain skills in data interpretation and reporting.

Who Should Attend?

Geologists and drilling engineers

Field technicians and operators

Industry professionals involved in drilling operations

Course Outline:

Day 1: Introduction to Drill Cuttings

- Definition and significance of drill cuttings in the drilling process.
- Overview of the drilling process and how cuttings are generated.
- Types of drill cuttings and their geological implications.

Day 2: Drill Cuttings Description Techniques

- Techniques for collecting and handling drill cuttings.
- Methods for describing cuttings (color, texture, mineral composition).
- Hands-on exercises in identifying and classifying drill cuttings.

Day 3: Quality Control Measures

- Importance of quality control in cuttings analysis.
- Standard procedures for handling and analyzing drill cuttings.
- Techniques for ensuring accuracy and consistency in data collection.

Day 4: Data Interpretation and Reporting

- Analyzing drill cuttings data and interpreting geological significance.
- Best practices for documenting and reporting findings.
- Case studies highlighting the use of cuttings data in decision-making.

Day 5: Practical Applications and Challenges

- Applications of drill cuttings analysis in drilling optimization and resource evaluation.
- Discussion of common challenges and troubleshooting techniques.
- Review of recent advancements in cuttings analysis technologies.

Course Methodology:

A variety of methodologies will be used during the course that includes:

- (30%) Based on Case Studies
- (30%) Techniques
- (30%) Role Play
- (10%) Concepts
- Pre-test and Post-test
- Variety of Learning Methods
- Lectures
- Case Studies and Self Questionnaires
- Group Work
- Discussion
- Presentation

Course Certificate:

International Center for Training & Development (ICTD) will award an internationally recognized certificate(s) for each delegate on completion of training.

Course Fees:

To be advised as per course locations. This rate includes participant's manual, Hand-Outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Timings:

Daily Course Timings:

08:00 - 08:20	Morning Coffee / Tea
08:20 - 10:00	First Session
10:00 - 10:20	Coffee / Tea / Snacks
10:20 - 12:20	Second Session
12:20 - 13:30	Lunch Break & Prayer Break
13:30 - 15:00	Last Session

