

GEOLOGICAL BEST PRACTICE TRAINING

Practical Hands-On-Training

Course Details:

Digirock's Geological Best Practice Training provides Geologists with the knowledge and skills to supervise drilling programs confidently, safely and effectively. Presented by experienced exploration personnel and industry experts, the five module course combines theoretical aspects of exploration drilling with practical demonstrations and techniques. Single modules are appropriate for up-skilling field, environmental and support personnel.

Course Content:

- Module One: Role of the Geologist
- Module Two: Drilling Methods and Safety*
- Module Three: Introductory Sampling and Assaying*
- Module Four: Drillhole Data Collection and Core Processing*
- Module Five: Land Access and Cultural Heritage

** includes site visits to service providers*

Who Should Attend?

Designed for Graduate, Junior and Project Geologists and Field Technicians.

About Digirock Pty Ltd

Digirock is a West-Australian based geological contracting and consulting company. Run by geologists it specialises in the provision of high calibre Exploration Geologists, support staff and exploration project management to the minerals industry. Digirock is especially committed to the development of Geologists and Field Technicians through the application of best-practice principles and by drawing on the depth of experience of our senior personnel.



GEOLOGICAL BEST PRACTICE TRAINING

DETAILED COURSE CONTENT

Module One: Role of the Geologist

Legislation and Codes - outlines the legislative responsibilities of a rig geologist.
Drill Rig Management - covers program planning and daily rig management.
Regolith Geochemistry and Logging - discusses regolith terminology and the architecture of the regolith profile in various terrains; practical logging workshop.
Field Sections, Reporting & Data Management - daily data management and reporting tips; the importance of using field sections.

Module Two: Drilling Methods and Safety

Drilling Methods - the mechanics and applications of common drilling techniques; includes examination of key components of drilling assemblies.
Drilling Safety - hazard identification and risk reduction around the drill rig.
SITE VISIT to Boart Longyear to examine a drill rig in detail; how to complete a rig inspection.

Module Three: Introductory Sampling and Assaying

Sampling - introduction to sampling theory; how do you collect a representative sample; practical session on correct sampling techniques.
Assaying - introduction to various analytical methods; QAQC; use and application of portable field XRF.
SITE VISIT to Genalysis Assay Lab; examination of sample receipt, preparation and analytical facilities.

Module Four: Drillhole Data Collection and Core Processing

Downhole Surveying and Core Orientation - highlights downhole surveying and core orientation techniques, their principles and applications.
Grids, Datums and GPS - explains the difference between datums and projections; includes a practical GPS workshop.
Core Processing - discusses techniques of core logging and processing.
SITE VISIT to GSWA Core Library - core processing workshop.

Module Five: Land Access and Cultural Heritage

Land Administration - outlines tenement administration protocols in WA.
Environment - details best practice environmental procedures and the implications for drilling activities.
Aboriginal Heritage and Native Title - explains Heritage and Native Title legislation and the implications for drilling activities.
Cultural Awareness - introductory workshop to increase knowledge of indigenous history, culture and protocols.

Course Delivery:

Modules 1-5 are presented bi-monthly in Perth.
Course content can also be customised to suit your company's needs and delivered on site.

Visit our website for the next available course dates
www.digirock.com.au or email: training@digirock.com.au

