



## Prospectus Core Logging

### **Who should attend?**

The course is aimed at providing the recently graduated Geologist with a fundamental understanding of borehole core logging – routine supervision, borehole logging – as required of a young professional operating in a typical South African mining and/or field exploration environment.

The training material can be applied to most ore deposits where borehole drilling is practised. The course will focus predominantly on borehole core logging

### **Course outcomes**

On completion of the course, the learner will be able to successfully demonstrate an understanding required to:

- Manage and control all aspects of environmental, safety and health matters relating to core logging
- Receive borehole core from the drilling contractor of an acceptable quality, meeting all requirements and standards, as agreed upon in the drilling contract
- Manage borehole coreyard staff in packing core onto trays, fitting and orientating core, marking core, noting core loss and core gain, marking of core trays
- Carry out routine borehole core logging, using log sheets, written descriptions of core, pictorial logs, measuring core bedding/fault angles
- Prepare and mark core for splitting and sampling
- Splitting of borehole core
- Plot and document the geological information recorded during borehole drilling and logging
- Communicate the obtained information.

### **Entry Requirements**

BSc Geology Degree

### **Course Duration**

5 days