



MINING & MINERALS EXPLORATION TECHNOLOGY (Exploration Field Skills)

DURATION

5 days

CONTACT HOURS

30

LEVEL

Intermediate

FEE PER DELEGATE

US\$1,500

The practical fieldcraft of exploration: mapping, sampling, logging, and recording data that survives.

This is the hands on module of the series. It covers geological mapping with a compass and a notebook, sampling procedures that give a laboratory something representative, core and chip logging to a standard another geologist can use, and the data discipline that determines whether a season's work is still usable in five years. Field safety and logistics are treated seriously, because remote exploration carries real risk and the planning is part of the skill.

Available as classroom, live online, in house.

Who it is for

Exploration geologists and field technicians, graduates heading to their first field season, and project geologists supervising field crews.

What you will be able to do

- Map geology in the field using compass, GPS and notebook.
- Take samples that are representative and traceable.
- Log core and chips to a consistent standard.
- Record data so it remains usable long after the season.
- Plan a field programme including safety and logistics.

The outline

DAY 1

Navigation and mapping

Compass, clinometer and GPS · Outcrop mapping and traverse planning · Notebook discipline and sketching

DAY 2

Sampling

Soil, stream, rock chip and channel sampling · Representivity and contamination · Numbering, chain of custody and duplicates

DAY 3

Logging

Core handling, orientation and photography · Lithology, alteration, mineralisation and structure · Consistency between loggers

DAY 4

Data

Capture, validation and backup · Database structure and codes · Handover and archiving

DAY 5

Field operations

Planning, logistics and supply · Remote area safety and communication · Working with landholders and communities

What you leave with

- A mapped area with a field notebook to standard.
- A logged core interval.
- A field programme plan including safety and sampling protocols.

Published dates

DATES	WHERE	FEE
23 to 27 November 2026	Kampala, Uganda	US\$1,500
30 November 2026 to 4 December 2026	Lagos, Nigeria	US\$1,500
7 to 11 December 2026	Nairobi, Kenya	US\$1,500
14 to 18 December 2026	Accra, Ghana	US\$1,500

Fees are per delegate and cover all course materials and meals arranged by the delegate. Registration is required.

Register or ask a question

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