



SAIEG presents a course on

GEOTECHNICAL CORE LOGGING & SOIL PROFILING

**Western Province Cricket Club,
Ave De Mist, Rondebosch, Cape Town**

Wednesday 16, Thursday 17 & Friday 18 August 2017

***2.5 ECSA CPD points will be allocated to delegates attending the full course (2,5 days).
Delegates only attending parts of the course will be allocated 1 ECSA CPD point per day
attended.***

THIS COURSE IS DESIGNED FOR:

- Training and mentoring of young or learner geotechnical engineers and engineering geologists
- Informing soil laboratory or geotechnical technologists
- Educating foreign geotechnical practitioners who need an introduction to the widely used South African methodology
- Educating mine geologists working in the geotechnical field

DAY 1 – CORE LOGGING (FULL DAY)

Wednesday 16 August 2017

The course content provides:

- Theoretical background
- Drilling methodology
- What should be recorded on the driller's log
- Common problems encountered
- Core logging methodology
- What should appear on the typical profile sheet
- Core photography
- Safety and environmental issues

The afternoon practical session in the field will be under the guidance of practising professionals.

DAY 2 AND MORNING OF DAY 3 - SOIL PROFILING

Thursday 17 August 2017 all day and morning of Friday 18 August 2017

The course content provides:

- Theoretical background
- Introduction to the origin of soils including the modes of weathering, the value of Weinert's N value, typical components of a soil profile, basic problem soil types
- Soil profiling methodology

- Equipment required
- Sampling of soils
- What should appear on the typical profile sheet
- Safety and environmental issues

The afternoon and the following morning will be a practical session in the field under the guidance of practising professionals. Two different sites, covering both cohesive and non-cohesive soils, will be visited and a practical session will be held at each.

REGISTRATION FOR THE COURSE

Please find the registration form attached. The registration fee for this course includes:

- Tea & coffee breaks
- Lunches (*Wed and Thu afternoon, no lunch will be provided on Fri afternoon.*)
- Transport to/from field sites
- Practical sessions (drinks in the field supplied)
- Course materials and memory sticks

WHAT TO BRING WITH YOU

- Appropriate clothing including sturdy field shoes and a hat
- Geological pick
- Tape measure: 3m or 5m retractable tape
- Water bottle
- Hand lens
- Pocket knife (for core logging)

COURSE TIMES

- Registration opens at 07:30
- The courses commence at 08:00

Please send your completed registration form to secretariat@saieg.co.za.