



Presents a three day course on

GEOTECHNICAL CORE LOGGING, SOIL PROFILING AND CHIP LOGGING

**SAICE House,
Block 19, Thornhill Office Park, Vorna Valley, Johannesburg**

**Wednesday 24th, Thursday 25th &
Friday 26th February 2010**

***3 ECSA CPD points will be allocated to delegates attending all three days.
Delegates only attending parts of the course will be allocated 1 ECSA CPD point per day
attended. Course Reference SAIMM (to follow).***

THIS COURSE IS DESIGNED FOR:

- Young or learner geotechnical engineers and engineering geologists
- Soil laboratory or geotechnical technologists
- Foreign geotechnical practitioners who need an introduction to the widely used South African methodology
- Mine geologists working in the geotechnical field

DAY 1 – CORE LOGGING

Wednesday 24th February 2010 full day

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 will comprise of a practical session in the field under the tutelage of practising professionals.

DAY 2 AND MORNING OF DAY 3 - SOIL PROFILING

Thursday 25th all day and morning of Friday 26th February 2010

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 comprise of a practical session in the field under the tutelage 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.

AFTERNOON OF DAY 3 – CHIP LOGGING

Friday 26th February 2010 afternoon only

It is preferable that delegates attending the CHIP LOGGING course should have attended both the Core Logging and Soil Profiling courses or at least be reasonably experienced practitioners.

The course content provides:

- Theoretical background
- What should be recorded on the driller's log
- Chip logging methodology
- Equipment required
- What should appear on the typical profile sheet
- Safety and environmental issues

A short practical session will be held after the theoretical introduction.

REGISTRATION FOR THE COURSE

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

- Tea & coffee breaks
- Lunches (*except for delegates only attending Chip Logging course*)
- Transport to/from field sites
- Course materials

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

COURSE TIMES

- Registration opens at 07:00
- The courses commence at 08:00
- The Chip Logging course commences at 13:30 for 14:00

Please send your completed registration form to Yolandé Oosthuizen register@rca.co.za or fax it to 011 728 1675 / 086 653 7108.

t: +27 (0) 11 728 8173 | f: +27 (0) 11 728 1675
PO Box 2812, Pretoria, 0001, South Africa



REGISTRATION FORM

Geotechnical Core Logging, Soil Profiling and Chip Logging Course 24, 25 & 26 February 2010

Title (<i>Prof/Dr/Mr/Mrs/Ms</i>)			
Surname			
First Name			
Company or Organisation (<i>to be invoiced</i>)			
Your position in the company			
Postal address			
Telephone			
Mobile			
Fax			
Email (<i>please print clearly</i>)			
Accounts Contact Person			
Email Accounts Contact Person			
Are you a SAIEG Member	Yes	No	SAIEG Membership Number
Please select type of registration from the list below:			
SAIEG Member		Non Member	
3 Day Course (<i>24, 25, 26 February 2010</i>) R6 500-00		3 Day Course (<i>24, 25, 26 February 2010</i>) R7 500-00	
Core Logging (<i>1 day – 24 February 2010</i>) R2 166-00		Core Logging (<i>1 day – 24 February 2010</i>) R2 500-00	
Soil Profiling (<i>1½ days – 25, 26 February 2010</i>) R3 250-00		Soil Profiling (<i>1½ days – 25, 26 February 2010</i>) R3 750-00	
Chip Logging (<i>½ day – 26 February 2010</i>) R1 083-00		Chip Logging (<i>½ day – 26 February 2010</i>) R1 250-00	
Student Registration – 3 Day course Sponsored Rate: R914.40 <i>Normal Rate: R2 053-33</i> (With thanks to SAIEG's corporate sponsors)		Student Number	

Please email the completed form to register@rca.co.za
or fax it to 011 728 1675 or 086 653 7108

An invoice, with banking details will be issued on receipt of a completed registration form; you will then be liable for payment of that invoice. A deposit slip/transfer form with your invoice number as a reference is required as proof of payment please.

Registrations are transferable. Cancellation may be made in writing 7 working days prior to the workshop.

A 25% administration fee will be levied for any cancellation.

SAIEG Office P O Box 72147 Parkview 2122 Tel 011 728 8173 Fax 011 728 1675