

Hayden Geological Consultants
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Estimating Permeability and Porosity From Drill Cuttings Workshops– Fall 2014

The workshop is suitable for persons with some experience and comfort level with drill cuttings. We recommend that participants have taken the Canstrat course or have at least 1 year of wellsite or Petrographic lab experience before taking it. Most of the time in the course is spent examining rock samples through a stereomicroscope. Participants will need to bring a microscope that goes up to at least 40X. Loaner microscopes are available for an addition fee of \$25. The course time is divided approximately 20% lecture/discussion and 80% microscope time. Lunch is provided on both days.

SUMMARY OF COURSE TOPICS COVERED:

Estimation of total porosity, including micro porosity, by visual, microscopic examination. Review of Archie carbonate classification system.
Permeability estimation methods through visual examination Instruction of permeability classification systems (Sneider, Lucia) Hands-on exercises to practice techniques.

The approach we use involves the calibration of drill cuttings porosity and perm estimates to core pieces with reliable analysis; examining both clastic and carbonate reservoirs. A comprehensive manual is supplied to each participant, which outlines techniques and procedures for drill cutting evaluation for future reference.

Course Dates –September 15-16, 2014

**Location: AER Core Research Centre
3545 Research Way NW Calgary, AB T2L 1Y7**

Cost is \$ 840.00 (\$800.00 + \$40.00 GST)
(\$866.25 with microscope rental if required)

Payment can be made by Visa, Mastercard, or cheque. Registration is not guaranteed until payment is received. Once course is full, un-paid requests for registration may be bumped by new requests which are accompanied with payment. Substitutions can be made by the registrant at any time if they are unable to attend.

Cancellation / Refund Policy:

14 days or more prior to course – Fee less \$100 non-refundable deposit.
2-13 days prior to course – No refund, but credit given for a future course
Less than 48 hours – No refund, no credit (registrant may send substitute)

To: Hayden Geological Consultants
6244 – 72 Street N.W.
Calgary, AB
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Or Email courses@doughayden.ca
To Fax Registration, please contact for Fax number

I wish to attend the

2 day " Estimating Permeability and Porosity From Drill Cuttings Workshop "

September 15-16, 2014

I would like to rent a microscope

Registration is on a first-paid, first-booked basis
To register, please phone 403-615-1624 for Visa / Mastercard payment or
send \$840.00 (or \$866.25 if renting microscope) to address above
Please make cheque payable to "Hayden Geological Consultants"

Name: _____

Company: _____

Address: _____

Phone: _____

Fax/Email: _____

For Email-ed registrations, please mail registration fee ASAP after emailing this form to ensure a space in the workshop. Once payment has been received, a confirmation letter will be sent to participants with times, location, and a list of equipment needed, and a receipt will be included.