

**Department of Geological Sciences
and Geological Engineering
Queen's University
Professional Development Seminar in:**

DIAMOND EXPLORATION

The Department of Geological Sciences and Geological Engineering at Queens' University is offering a short course in Diamond Exploration under the auspices of the Mineral Exploration Program series of Professional Development Seminars. The course offers a holistic approach to diamond exploration, covering relevant properties of diamonds, geological settings of diamond occurrences, kimberlite and lamproite geology and petrography, xenolith petrology and indicator mineralogy and geochemistry. Recent advances in the understanding of the geotectonic settings of diamond and kimberlite formation will be discussed in the context of exploring for diamonds in various Canadian locales.

The course also includes labs on kimberlites and lamproite petrology, indicator mineral identification in mineral concentrates, and case studies of kimberlite indicator mineral tracing in Canada.

Seminar Leaders:

H. Helmstaedt, Queen's University.

R. DiLabio, B. McClenaghan and
H. Thorleifson, Geological Survey of Canada

Location: Miller Hall, Queen's University
Kingston, Ontario, K7L 3N6

Date: 5-7 May 2004

Cost: Industry Participants: \$500 plus GST.
Students: Free

Accommodation: May be arranged if required.

REGISTRATION FORM:

Name: _____

Company: _____

Address: _____

Phone no. _____

Fax no. _____

E-mail: _____

For further information, or to register please contact: Ms. Joan Charbonneau
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