



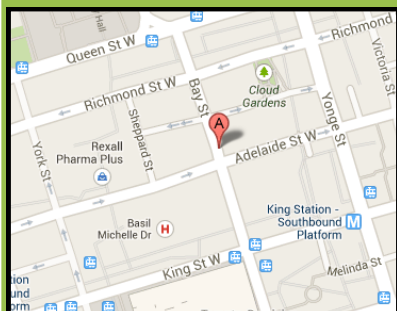
Toronto Geological Discussion Group

## Sponsors

We encourage you to consider sponsoring the mini-symposium. Email [contact@tgdg.net](mailto:contact@tgdg.net)



### Location Map



**Goodmans**  
Bay Adelaide Centre,  
333 Bay St, 34th floor  
Toronto



## Mini-symposium The Big Bang:

### *Understanding the magmatic controls of mineral deposits*

**When:** Tuesday April 19, 2016 from 1.00-5.30 pm followed by refreshments until 6:30 pm

**Where:** Goodmans, 333 Bay St., Suite 3400, Toronto (see map)

**Admission Cost:** **Reduced rates!** \$50 for TGDG Members; \$70 for non-members (includes membership to end of season); free for students (registration and student card required). Online broadcast free (registration required).

**Registration:** Pre-register and pay online at [www.tgdg.net](http://www.tgdg.net) or contact us via [contact@tgdg.net](mailto:contact@tgdg.net). Space is limited, so book early. Registration closes April 12. If space remains, registration is available at the door at a surcharge of \$20. Registration for the online broadcast closes April 19 morning.

## Agenda

12:30 pm – **Registration**

1:00 pm – **Introduction and overview** – Frank Santaguida (Symposium leader)

1:15 pm – **KEYNOTE: The role of synvolcanic faults and intrusions in the development of VMS districts** – Harold Gibson (Laurentian University)

2.00 pm – **Recognizing magmatic influences on VMS mineralization for area selection and exploration follow-up** – Tom Hart (Transition Metals)

2:15 pm – **Discussion: VMS deposits**

2:30 pm – **KEYNOTE: Magmatism and orogenic gold** – Howard Poulsen (mineral exploration & mining consultant)

3:15 pm – **Coffee break**

3.45 pm – **Magmatic-orogenic link in gold deposits: Practical exploration implications** – Ross Sherlock (Kinross)

4:00 pm – **Discussion: Gold deposits**

4.15 pm – **KEYNOTE: Magma chamber geometry and the localization of Ni-Cu-(PGE) sulphide mineralization: Global examples and exploration implications** – Peter Lightfoot & Dawn Evans-Lamswood (Vale)

5:00 pm – **Connections between magmatic architecture and exploration for Ni-Cu-PGE deposits** – Bill Stone (Stone Geoscience & Evaluation)

5:15 pm – **Discussion: Ni-Cu-PGE deposits**

5:30-6.30 pm – **Networking and refreshments at Goodmans**