



# Exploration07

*Exploration In The New Millenium*

## Exploration Geochemistry - The Basics

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BHP Billiton World Exploration Inc



**bhpbilliton**

# Exploration Geochemistry-Basic Principles and Concepts

This workshop will provide comprehensive coverage of:

- principles and concepts of exploration geochemistry;
- sample collection, preparation and analytical techniques;
- quality control of analyses;
- geochemical data interpretation and presentation;
- regolith mapping and geochemistry;
- glaciated terrain geochemistry;
- soil geochemistry;
- drainage geochemistry;
- biogeochemistry; and,
- groundwater geochemistry.

This workshop is aimed at geoscientists who may lack training in the principles and practices of exploration geochemistry, but who are often required to carry out geochemical surveys.

## Exploration Geochemistry-Basic Principles and Concepts

You should all have a copy of the agenda for our workshop today which gives the times and speakers for each topic to be covered.

The CD you have received, contains a digital copy of the workshop notes, powerpoints for a couple of the oral presentations, a copy of the "Earth Scientist's Periodic Table" and a *bonus* powerpoint on "Geochemical Exploration - Program Design" which details the factors that need to be considered when conducting geochemical surveys using various sample media.

# Exploration Geochemistry-Basic Principles and Concepts

This workshop has been organized under the auspices of:

*The Association of Applied Geochemists*



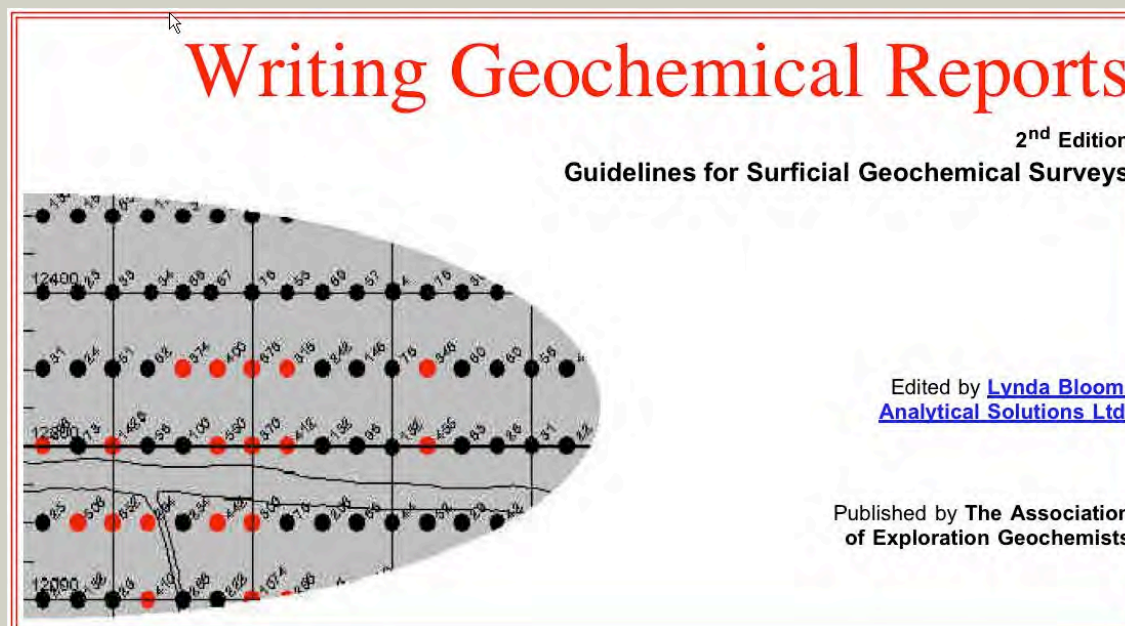
All our speakers today are members of the AAG.

Beth McClenaghan, one of our speakers today from the GSC, has been responsible for coordinating the production of the workshop notes. She is also planning to post the materials from this workshop on the AAG website:

[www.appliedgeochemists.org](http://www.appliedgeochemists.org)

# Exploration Geochemistry-Basic Principles and Concepts

I would encourage those of you who are not already members to consider joining the AAG to keep up to date on developments in the field of "Exploration Geochemistry" through the AAG's newsletter "Explore" and its journal "Geochemistry: Exploration – Environment – Analysis". As well on the AAG's website, as a member, you can access such items as:



## Exploration Geochemistry-Basic Principles and Concepts

In case of an emergency - evacuation is go out the meeting room doors, turn left / right and go down the stairs, out the main entrance onto Front Street, go to the corners and using the crosswalks go across Front Street and assemble in front of Union station by the ???

Please turn off all cell phones and pagers.

Washrooms are located

Refreshment breaks are at 9:45 - 10:00 am and 3:15 - 3:30 pm.

**coffee breaks are 10:00-10:30 and 2:30-3:00, with lunch from 12:00 to 1:00.**

Lunch will be at 12:15 – 1:00 pm