

**AGENDA**  
**10<sup>th</sup> ANNUAL BRITISH COLUMBIA ML/ARD WORKSHOP**  
**Simon Fraser University Campus – Harbour Centre**  
**515 West Hastings Street**  
**Downtown Vancouver**

**DECEMBER 2<sup>nd</sup> AND 3<sup>rd</sup>, 2003**

**Registration – Outside Fletcher Challenge Theatre - 8:00 am on both days**

**DECEMBER 2<sup>nd</sup>**

Introduction

8:30-8:50 am Gilles Tremblay, Natural Resources Canada, *MEND Initiative*  
8:50-9:10 am Ross Gallinger, BHP Billiton, *INAP Program*

Performance of ARD Generating Wastes

9:10-9:40 am Dave Ferguson, Tsolum River Restoration Society, *The Abandoned Mt Washington Mine: A Challenge to Restore the Tsolum River Watershed to Historical Levels of Health and Productivity from the Perspective of the Afflicted Community*

9:40-10:10 am Robert McCandless, Environment Canada, Kelly Sexsmith, Danette Schwab and Stephen Day, SRK, *Long-Term Monitoring Data from the Britannia Mine, British Columbia*

10:10-10:40 am *Coffee*

10:40-11:10 am Paul L. Younger and Agnes Blachere, University of Newcastle, UK, *First-flush, Reverse First-flush and Partial First-flush: Dynamics of Short- and Long-term Changes in the Quality of Water Flowing from Abandoned Deep Mine Systems*

11:10-11:40 am Janice Zinck, Natural Resources Canada, *Sludge Management Guidelines.*

11:40-12:10 am Kevin Morin and Nora Hutt, MDAG and Mike Aziz, Placer Dome, *Fluctuations in ARD from the Equity Silver Waste Rock Dump*

12:10-1:30 pm *Lunch (No Host)*

1:30-2:00 pm Ken Black and Maxine Wiber, BHP Billiton, *Elliot Lake - Status Report on Water Cover Performance*

2:00-2:30 pm Kirk Nordstrom, US Geological Survey, *What Decades of Irregular Monitoring Can Show for Two Mine Sites: Iron Mountain, CA and Questa, NM.*

2:30-3:00 pm Peter Condon and Kerry Lear, Greens Creek Mine, *Comparison of Laboratory Kinetic Test Results to Field Data from Tailings and Waste Rock Sites at the Greens Creek Mine, Juneau, Alaska*

3:00-3:30 pm *Coffee*

3:30-4:00 pm Matthew Bliss, Brent Hamblin and Craig Ford, Inmet Mining Corporation, *Samatosum's Mine and Waste Rock Drainage*

4:00-4:30 pm Rick Schwenger, Noranda, *Waste Rock Management at The Heath Steele Site.*

4:30-5:00 pm Dave van Dieren, TeckCominco Ltd., *Post-Closure ARD Collection and Treatment at Kimberly.*

## DECEMBER 3<sup>rd</sup>

### Performance of ARD Generating Wastes (continued)

- 8:30-9:00 am Gregory J. Olson and Thomas R. Clark, Little Bear Laboratories, Inc., Terry I. Mudder, TIMES, Ltd., and Mark Logsdon, Geochemica, Inc., *Control and Prevention of ARD with Thiocyanate*
- 9:00-9:30 am Andy Robertson and Shannon Shaw, Robertson Geoconsultants, *Geochemical and Physical Weathering of Acid Generating Rock – Implications for Long Term Stability of Mine Slopes and Waste Dumps*
- 9:30-10:00 am Wayne Fraser, HBMS, *Long Term Performance of Closed-out Minesites in Manitoba*
- 10:00-10:30 am *Coffee*
- 10:30-11:00 am Ron Nicholson, Stantec, *Hardy and Kidd Acid Drainage and Metal Leaching Histories: Contrast and Comparison of Two Ontario Sites*
- 11:00-11:30 am Ken Black and Maxine Wiber, BHP Billiton, *Prediction Versus Observed Drainage Chemistry at East Kempville*
- 11:30-12:00 am Stephen Day, SRK Consulting, Walter Kuit and Michel Filion, TeckCominco Ltd, *Evolution of Mine Drainage Chemistry, Red Dog Mine, Alaska*
- 12:00-1:15 pm *Lunch (No Host)*
- 1:15 – 1:45 pm Gavin C. Dirom and David Mchaina, Myra Falls, *Water Treatment at Myra Falls Operations*

### Material Characterization

- 1:45-2:15 pm Denis Kemp, Falconbridge, *Waste Characterization at Falco*
- 2:15-2:45 pm Pam Fines, Klohn Crippen, and Ward Wilson, UBC, *Waste Dump Characterization*
- 2:45-3:15 pm *Coffee*
- 3:15-3:45 pm Cheryl Ross, Valérie Bertrand, Rens Verburg, Golder Associates, and Al Brown, B.C. Ministry of Transportation, *Sea to Sky Parkway Assessment of Acid Rock Drainage (ARD) and Metal Leaching (ML) Potential*
- 3:45-4:15 pm Karin Wagner, Roger Beckie and Leslie Smith, UBC Earth and Ocean Sciences, *Geochemistry of the UBC Constructed Waste Rock Pile Experiment, Cluff Lake, Saskatchewan*

### MEND Projects

- 4:15-4:30 pm Ron Nicholson, Stantec, *Neutral pH Metal Leaching*
- 4:30-4:45 pm Peri Mehling, Mehling Environmental Management Inc., *Paste Backfill: Information on Mine Water Quality*

**Distributed by Bill Price, November 19, 2003**

**Workshop Presented by the British Columbia Ministry of Energy and Mines and the MEND Initiative in Association with INAP and the Technical and Research Committee on Reclamation**