TECHNICAL PAPERS

A. OPEN PITS

A.1 Geochemistry of the Berkeley Pit Lake, Butte, Montana
by Chris Gammons

- *Long Term Changes in the Limnology and Geochemistry of the Berkeley Pit Lake, Butte, Montana by C. Gammons & T. Duaime*
- *Geochemistry and Stable Isotope Composition of the Berkeley Pit Lake and Surrounding Mine Waters, Butte, Montana by D. Pellicori, C. Gammons & S. Poulson*

A.2 Optimizing In-Pit Disposal of Problematic Waste Rock Using Leaching Tests, Portable XRF, Block and Mass Transport Models
by Frederic Guerin, Steve Wilson & Ron Nicholson

A.3 Physical Processes and Meromixis in Pit Lakes
by Greg Lawrence & Roger Pieters

A.4 Physical Processes and the Remediation of the Colomac Zone 2 Pit Lake
by Roger Pieters & Greg Lawrence

A.5 The Concept of Steady State in Pit Lake Development: Island Copper Case Study
by Marc Wen & Clem Pelletier

A.6 The Bioremediation of Mine-Site Pit Lakes: Considerations, Limitations and Case Studies
by Al Martin, Jay McNee, Jan Gerits & Robert Goldblatt

- *Experimental Eutrophication of a Shallow Acidic Mining Lake and Effects on the Phytoplankton by D. Lessmann, A. Fyson & B. Nixdorf*
- *The Rävlidmyran Pit Lake Before Treatment, After Liming, and After Treatment with Sewage Sludge by M. Lu & B. Öhlander*

A.7 Using Pit Lakes as Bio-Reactors: Overcoming Their “Crater-Lake” Tendencies
by Heather Larratt & Mark Freberg

A.8 Golden Sunlight Mine Pit Backfill: The History and the Science of the Backfill Issues at the Golden Sunlight Mine
by David Williams

- *Pit Backfill: Yea or Nay, A Montana Example by R.D. Williams.*

A.9 Prediction of Groundwater Recovery and Post-Flooding Groundwater Quality
by Christoph Wels & Laura Findlater

CASE STUDY: SELBAI MINE, QUEBEC

A.10 Introduction to the Selbaie Mine Reclamation and Role of the Pit

by Bert Huls & Denis Caron

A.11 Defining Source Terms for Backfill Component in the Selbaie Mine Pit
by Michael Venhuis, Paul McKee, Ron Nicholson & Bert Huls

A.12 Modeling of Mines Selbaie Pit Lake: Calibration and Long-Term Forecasting
by Don Dunbar, David Flather & Silvano Salvador

A.13 Les Mines Selbaie, Zinc Removal from Pit Lake: Laboratory, Limnocorrals, Batch Pit Treatment
by Bernie Aubé

- *Pit Lake Treatment at Les Mines Selbaie by B. Huls, B. Aubé & D. Couture*

A.14 Progress and Future Plans for Pit Decommissioning, Selbaie
by Denis Caron & Bert Huls

A.15 A MEND Case Study Update: The Owl Creek Open Pit Waste Rock Backfill Project
by David Orava

A.16 The MEND Minewall Technique: Overview and Details
by Kevin Morin & Nora Hutt

B. UNDERGROUND WORKINGS

B.1 Mine Drainage Issues at Keno Hills Mine, Yukon
by Frank Patch

B.2 Geochemistry of Flooded Underground Mine Waters in Butte, Montana
by Chris Gammons

- *A Survey of the Geochemistry of Flooded Mine Shaft Water in Butte, Montana by C. Gammons, J. Metesh & D. Snyder*

B.3 The Importance of Point and Diffuse Pollution in Developing Management Strategies for Long-Abandoned Deep Coal and Metal Mines in the UK
by Adam Jarvis, Emma Gozzard, William Mayes & Hugh Potter

- *Identifying Diffuse Sources of Inorganic Pollutants in Post-Industrial Catchments by W.M. Mayes, E. Gozzard, H. Potter & A.P. Jarvis*

B.4 Evolution of Mine-Pool Chemistry at the Sydney Coal Mines, Nova Scotia, and Its Impacts on Decommissioning Strategy
by Y.T. John Kwong

- *Evolution of Mine-Pool Chemistry at the Sydney Coalfield, Nova Scotia, Canada, and Its Implications for Mine Decommissioning by Y.T.J. Kwong, S. Forgeron & R.J. MacDonald*

B.5 Storage of LDS Sludge in a Flooded Underground Mine: Tracer Tests and Water Quality Development

by Christian Wolkersdorfer & Andrea Hasche

- *Mine Water Tracer Tests as a Basis for Remediation Strategies by C. Wolkersdorfer*
- *Mine Water Tracing - A Tool for Assessing Flow Paths in Flooded Underground Mines by C. Wolkersdorfer, N. Geldtner & I. Trebušak*

B.6 Britannia Mine Remediation Project: Water Management
by Gerry O'Hara & Ross Hammett

B.7 Giant Mine: Identification of Underground Inflow Water Types and Preliminary Geochemical Monitoring during Reflooding
by Michael Royle

C. PROGRAM DEVELOPMENTS

C.1 Sullivan Accident 2006
by Ricci Berdusco

- *Speaker Notes, R. Berdusco*
- *Sullivan News Release, B.C. Ministry of Energy, Mines & Petroleum Resources*
- *Backgrounder, Sullivan Mine Report, B.C. Ministry of Energy, Mines & Petroleum Resources*
- *Sullivan Mine Accident Report, B.C. Ministry of Energy, Mines & Petroleum Resources*
- *Sullivan Sampling Shed Diagram, B.C. Ministry of Energy, Mines & Petroleum Resources*

C.2 An Update on MEND and NOAMI Programs
by Gilles Tremblay & Charlene Hogan

- *MEND in the 21st Century by G. Tremblay & C. Hogan*
- *Initiatives at Natural Resources Canada to Deal with Orphan and Abandoned Mines by G. Tremblay & C. Hogan*

C.3 INAP: An Update
by Terrence Chatwin

C.4 A First Nation Perspective on Mining
by Rhoda Quock & Eileen Doody

- *Speaker Notes, Rhoda Quock & Eileen Doody*