



## *The MEND Monitor*

### **Acid Drainage Technology Initiative Metal Mining Sector (ADTI-MMS)**

ADTI was initiated in 1995 to identify, evaluate and develop cost effective and practical acid drainage technologies. In 1999, it was expanded to include a metal mining sector, which focuses on drainage quality issues related to metal mines. ADTI addresses drainage quality for abandoned, inactive, active and future metal and coal mines in the United States.

ADTI-MMS is a coalition of federal and state agencies, academia, the mining industry and consulting firms. Members build consensus on acid drainage technology development and technology transfer for metal mines.

The metal mining sector focuses on five major technical areas and is developing workbooks to help address the particular technical problem it faces: Sampling/Monitoring, Prediction, Mitigation, Modelling and Pit Lakes. Activities for the coal sector will be looked at in a future newsletter.

ADTI is a regional partner in the INAP Global Alliance, which also includes MEND and ACMER. Information on publications, workshops and activities is disseminated via the ADTI-MMS web site [www.unr.edu/mines/adt](http://www.unr.edu/mines/adt)

### **Information**

#### **Ontario-MEND Workshop**

A 2-day workshop on Sludge Management and Treatment of Weak Acid or Neutral pH Drainage was held in Sudbury, ON in May 2004. Approximately 110 delegates attended the session sponsored by MEND, Ontario Ministry of Northern Development and Mines, and MIRARCO. Information on how to order CD-ROM of the Proceedings will be posted on the MEND web site.

#### **British Columbia (BC) Reclamation Symposium CD**

CD is available that contains 26 years of papers (1977-2002) in a digital and searchable format. These symposia have been sponsored by the BC Technical and Research Committee on Reclamation (TRCR) to share knowledge on mine reclamation. The CD can be ordered from the Infomine web site at [www.infomine.com/publications/books/trcr19772002.asp](http://www.infomine.com/publications/books/trcr19772002.asp)

### **10<sup>th</sup> Annual BC Metal Leaching/Acid Rock (ML/ARD) Drainage Workshop**

The workshop was held December 2 and 3, 2003 in Vancouver. Key themes were Performance of ARD Generating Wastes, Material Characterization and MEND Projects. Workshop Proceedings are available on CD and can be ordered at: [www.bitech.ca](http://www.bitech.ca)

### **New! MEND Publications**

#### **MEND Report 5.10E - List of Potential Information Requirements in Metal Leaching/Acid Rock Drainage (ML/ARD) Assessment and Mitigation Work.**

Document was developed to provide a starting point to assist and improve ML/ARD assessment and mitigation. Digital version of the report is available from the MEND Secretariat and will be posted on the MEND web site in October.

#### **MEND Report 9.1a - ML/ARD Assessment and Mitigation at the Johnny Mountain Gold Mine.**

Case study is the first of a series of studies to illustrate site-specific application of ML/ARD mitigation and assessment at Canadian mine sites. Studies will show the practical benefits and limitations of different practices, and will provide guidance to operators, regulators and the public. These case studies will be a valuable educational tool for students to evaluate ARD and metal leaching potential.

### **Upcoming Events**

#### **11<sup>th</sup> Annual BC/MEND ML/ARD Workshop**

The session is planned for December 1 and 2, 2004 in Vancouver. The theme will be Challenges in the Use of Dry Covers and in Prediction and Material Characterization.

#### **Symposium 2005 on Mines and the Environment**

The symposium is planned for May 15 to 18, 2005 in Rouyn-Noranda, and will include two days of technical presentations, workshops and field trips. The event is organized by UQAT (Université du Québec en Abitibi-Témiscamingue) in collaboration with The Canadian Institute of Mining, Metallurgy and Petroleum (CIM), le Ministère des Ressources naturelles du Québec and MEND. Technical sessions will have simultaneous translation. Information will shortly be available from the CIM web site [www.cim.org](http://www.cim.org)

*To obtain information on MEND or its publications, please visit our web site at:  
[mend.nrcan.gc.ca](http://mend.nrcan.gc.ca) or send an e-mail to: [mend\\_nedem@nrcan.gc.ca](mailto:mend_nedem@nrcan.gc.ca)*

