

NORTHERN LATITUDES MINING RECLAMATION WORKSHOP
May 14 – 17, 2007 JUNEAU, ALASKA
TECHNICAL SESSIONS

GENERAL RECLAMATION

Roles of Environmental Ore Deposit Models in Mine Reclamation

Y.T. John Kwong, *CANMET Mining and Mineral Sciences Laboratories, Ottawa*
Robert R. Seal II, *U. S. Geological Survey*

FINANCIAL SECURITY

Summary of 2005 Financial Security Review at the Equity Silver Mine

W.A. Price, *Natural Resources Canada*, K. Bellefontaine, *Ministry of Energy, Mines and Petroleum Resources*, G. Ferris, *Local Resident*

PERMAFROST

Reclamation of an Exploration Trail that had Damaged a Permafrost Area at KM 159 Dempster Highway, Yukon

Bonnie Burns, *Laberge Environmental*

Winter Road Progressive Soil Remediation in the Sub-Arctic, Abanconment and Reclamation Planning and the Winter Road Environmental Management System (WREMS)

Erik Madsen, *Tibbitt to Contwoyto Winter Road Joint Venture (Diavik Diamond Mines Inc. and BHP Billiton Diamonds Inc.)*, Rick Hoos, Daivid Das and Matt Barnette, *EBA Engineering Consultants Ltd.*

REVEGETATION

Native Plant Propagation and Establishment on Reclaimed Oil Sands Soils

Ann Smreciu, Roberta Yakimchuk, Kimberly Gould, *Wild Rose Consulting, Inc.*, Martin Fung, *Syncrude Canada Ltd.*

Re-vegetation of the Former Fresh Water Supply Reservoir, Faro Mine, Faro, Yukon Gerry Ferris, *BGC Engineering Inc.*, Bonnie Burns, *Laberge Environmental*, Doug Sedgwick, *Deloitte and Touche Inc.*

Vegetation Performance Criteria for Mines in the North – Are We There Yet?

Janet G. Kidd, *ABR, Inc. – Environmental Research & Services*

Developing Commercial Sources for Ntive Seed and Plants in Alaska

Stoney Wright, *Alaska DNR Division of Agriculture*

Abandoned Mine Revegetation: Jonesville Phase III, IV and V

Andy Nolan, *Alaska DNR Division of Agriculture*

MINE WASTE MANAGEMENT

Mitigation Challenges at the Equity Silver Mine

W.A.Price, *Natural Resources Canada*

Assessment of Nonpoint Source Chemical Loading Potential to Watersheds Containing Waste Piles Associated with Uranium Mining, San Rafael Swell, Utah

Michael L. Freeman, David L. Naftz, *U.S.G.S.*, Terry Snyder, *Bureau of Land Management*, Greg Johnson, *University of Utah*

Reclamation of Historical Mine Waste Using Alkaline by Products

Lotta Sartz, *Bergskraft (Sweden)*, Mattias Backstrom, *Man-Technology-Environment Research Centre (Sweden)*

Permeable Reactive Barriers: Application to Abandoned Mine Land Reclamation

David L. Naftz, *U.S.G.S.*, Terry Snyder, *AML Program Manager*, Christopher C. Fuller, Bert J. Stolp, *U.S.G.S*

Design of a Sustainable End-Cut Lake

J. Strohach, A. Leung, R. North, *Hay and Company Consultants*, T. Hindmarch, N. O'Brien, *TransAlta Utilities Corporation*

Manipulating the Factors that Influence the Oxidation Rate of Metals in Mine Water

Don Budeit, *Environmental Solutions LLC*

A Study of Thiosalt Oxidation

Yaovaluk Vongporm, Dr. Kelly Hawboldt, Dr. Cynthia Coles, Dr. Christina Bottaro, *Memorial University of Newfoundland (MUN)*

ABANDONED MINES

Alaska AML Program Reclamation, 1995-2006 – Summary and Examples of Selected Projects

Roger Allely, *Division of Mining, Land & Water, SOA Department of Natural Resources, Anchorage*

Preparation of a Remedial Action Plan for Roberts Bay and Ida Bay Abandoned Mine Sites in Nunavut, Canada

Bruce Ott, *AMEC Earth & Environmental, Corresponding Author, Burnaby*, Sandra Baker, *AMEC Earth & Environmental, Burnaby*, Caius Priscu, *AMEC Earth & Environmental, Winnipeg*

Abandoned Mine Reclamation in Nevada – A Cooperative Effort

Kimberlee Mulhern, *U.S. Army Corps of Engineers, Nebraska*
Christopher Ross, *Abandoned Mine Program, Nevada*

Abandoned Mine Site Inventory Management Utilizing Database and GIS Applications

Mark Donner, Jim Vanderweide, *Trihydro Corporation*, Christine Mielnieki, *Wyoming AML Program*

Getting the Most Bang from Your Buck: Successful Stream Channel Rehabilitation on a Limited Budget

John Clark (presenter), *Bureau of Land Management, U.S. Dept. of the Interior*

RISK ASSESSMENT

Risk Assessment Approach for Evaluating Mine Reclamation and Closure Plans

Brian Griffin, *Golder Associates Ltd., Calgary*, John Hull, Mike Rankin, *Golder Associates Ltd, Vancouver*, Ken Bocking, *Golder Associates Ltd., Toronto*

A Focused Risk-Based Approach to Closure Investigation of Intertidal Tailings, Salt Chuck Mine, Tongass National Forest, Alaska

N.J. Darigo, *URS Corporation, Anchorage*, J. Hedgecock, *URS Corporation, San Francisco*, M.A. Vania, W. Loskutoff, M.D. Gray, *URS Corporation, Anchorage*