

MINING MATTERS

2005

REPORT ME 2005-2
ED. D. R. MACDONALD

THE WESTIN NOVA SCOTIAN HOTEL
NOVEMBER 9 AND 10, 2005



Natural Resources

Honourable Richard Hurlburt
Minister

Peter Underwood
Deputy Minister

Halifax, Nova Scotia
2005

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Program

Commonwealth Ballroom A and B, The Westin Nova Scotian Hotel, Halifax

Wednesday, November 9

8:30 am - 7:00 pm	Registration (Commonwealth Foyer)
8:30 am - 9:00 am	Coffee and Refreshments (Commonwealth B)
10:00 am - 9:00 pm	Displays Open (Commonwealth B)
8:55 am - 9:00 am	<i>Welcoming Remarks</i> , Peter Underwood, Deputy Minister, Nova Scotia Department of Natural Resources (DNR)
9:00 am - 9:20 am	Session Chair: Fenton Isenor, Mining Society of Nova Scotia <i>Overview of Trends in Canadian Exploration and Mining</i> , Peter Dimmell, President, Prospectors and Developers Association of Canada
9:20 am - 9:40 am	<i>Overview of Gold Mineralization in Nova Scotia</i> , Dan Kontak, DNR
9:40 am - 10:00 am	<i>Developing Gold Mines in Nova Scotia</i> , Will Felderhof, Acadian Gold Corp.
10:00 am - 10:20 am	<i>Orex Exploration Inc. Progress Report</i> , Jean Lafleur, Orex Exploration Inc.
10:20 am - 10:40 am	Break
10:40 am - 11:00 am	<i>The Surprising Placer Potential of Nova Scotia Tills in Former Gold Districts</i> , Ron Mills and Jared Chipman, DNR
11:00 am - 11:20 am	<i>Structure and Predictability of Meguma Gold Deposits</i> , Rick Horne, DNR
11:20 am - 11:40 am	<i>The Economic Impact of the Minerals Sector in Nova Scotia</i> , Bob Fraser, Gardner-Pinford Consulting Economists
11:40 am - 12:00 pm	<i>Of Coal, Gold, Kings, Legislatures and the General Mining Association - An Unusual History of Nova Scotia</i> , Howard Donohoe, DNR
12:00 pm - 2:00 pm	Lunch, Harbour Suites A and B, Keynote Speaker Dr. Elisabeth Kusters (Acadia University): Geological and Cultural Ingredients of the Katrina Catastrophe , Cost \$20
2:00 pm - 2:10 pm	<i>Welcoming Remarks</i> , Scott Swinden, DNR, Session Chair
2:10 pm - 2:40 pm	<i>The Legacy of Glacial Lakes in Nova Scotia</i> , Ralph Stea, DNR
2:40 pm - 3:10 pm	<i>Drift Exploration Using Indicator Minerals and Till Geochemistry</i> , Beth McClenaghan, Geological Survey of Canada (Ottawa)
3:10 pm - 3:30 pm	<i>Nova Scotia Gold Grain Study</i> , Terry Goodwin, DNR
3:30 pm - 3:50 pm	Break
3:50 pm - 4:10 pm	<i>Accessing Mineral Resources Branch Digital Geoscience Data and Information</i> , Brian Fisher, DNR
4:10 pm - 4:30 pm	<i>Overview of Bedrock and Surficial Mapping Projects and Geochemistry</i> , Mike MacDonald, DNR
4:30 pm - 4:50 pm	<i>Overview of Mineral Deposit Projects</i> , Bob Ryan, DNR
5:00 pm	Reception, hosted by the Hon. Richard Hurlburt, Minister of Natural Resources , Cost \$10

Thursday, November 10

8:30 am - 12:00 pm	Registration
8:30 am - 3:00 pm	Displays Open (Commonwealth A)
8:30 am - 9:00 am	Coffee and Refreshments
8:55 am - 9:00 am	<i>Welcoming Remarks</i> , Mike Cherry, DNR, Session Chair
9:00 am - 9:20 am	<i>A Brief Review of Groundwater Resources in Nova Scotia</i> , Heather Cross and John Drage, Nova Scotia Department of Environment and Labour
9:20 am - 9:50 am	<i>Mitigation of Coastal Hazards: Adaptation to Rising Sea Levels, Storm Surges, and Shoreline Erosion</i> , Charles O'Reilly, National Hydrographic Service
9:50 am - 10:20 am	<i>Arsenic and Mercury Contamination from Historical Gold Mine Tailings in Nova Scotia</i> , Mike Parsons, Geological Survey of Canada (Atlantic)
10:20 am - 10:40 am	<i>Naturally Occurring Radionuclides in Nova Scotia's Rocks, Water and Air</i> , George O'Reilly, DNR
10:40 am - 11:00 am	Break
11:00 am - 11:20 am	<i>Triggering Mechanisms of Debris Avalanches in the Central Cape Breton Highlands</i> , Phil Finck, DNR
11:20 am - 11:40 am	<i>Using LIDAR to Map the North Mountain Basalts</i> , Tim Webster, Centre of Geographic Sciences
11:40 am - 12:00 pm	<i>The North Mountain Basalt: a Walk Through a 201 Million Year Old Volcanological Paradise in the Jurassic Park of Southern Nova Scotia</i> , Dan Kontak, DNR
12:00 pm - 2:00 pm	Lunch, Atlantic Ballroom, Keynote Speaker Tim Bernard, Mi'kmawey Debert Cultural Centre: <i>Tan Wetapeski'k</i> (Where we come from), Cost \$20.
12:00 pm - 3:00 pm	Cash Bar, Commonwealth Ballroom A
3:00 pm	Conference Closed

Saturday, November 12

Post-conference Field Trip

A Visit to the Jurassic Park of Southern Nova Scotia: Volcanological Wonders of the North Mountain Basalt, Field Trip Leaders Dan Kontak and Rick Horne, Cost \$10 (includes lunch).