MINING MATTERS

2005

REPORT ME 2005-2

ED. D. R. MACDONALD

THE WESTIN NOVA SCOTIAN HOTEL
NOVEMBER 9 AND 10, 2005

NOVA SCOTIA

Natural Resources

Honourable Richard Hurlburt
Minister

Peter Underwood
Deputy Minister

Halifax, Nova Scotia
2005
CONTENTS

Thick Carboniferous Conglomerate Units with Arisaig Group
Fossiliferous Clasts Formed in an Extensional Setting During
Docking of the Meguma and Avalon Terranes, Isle Madame, Nova
and C. E. White ... 1

The Joggins World Heritage Initiative: A Progress Report -
J. H. Calder .... 2

Sampling Methodology for Investigation of Till-derived Placer Deposits
in Former Gold Districts - J. D. Chipman and R. F. Mills ..... 3

A Brief Overview of Groundwater Resources in Nova Scotia - H. J.
Cross and J. M. Drage ... 4

Geology and Society: What is the Role of the Mineral Inventory? -
G. J. DeMont .... 5

Acadian Gold Corporation - G. W. Felderhof .... 6

Triggering Mechanisms of Debris Avalanches in the Central Cape
Breton Highlands, Nova Scotia - P. W. Finck .... 7

Accessing Mineral Resources Branch Digital Geoscience Data and
Information - B. E. Fisher, J. C. Poole and J. D. MacNeill .... 8

Nova Scotia Gold Grain Study - T. A. Goodwin ... 9

Structure and Predictability of Meguma Gold Deposits -
R. J. Horne ... 10

Contact Metamorphism of the Halifax Formation, Halifax, Nova
Scotia - R. A. Jamieson, G. G. Hart, N. W. Tobey and
J. P. Butler .... 11

The North Mountain Basalt: a Walk Through a 201 Million Year Old
Volcanological Paradise in the Jurassic Park of Southern Nova
Scotia - D. J. Kontak .... 12

Mississippi Mourning: the Geological, Historical, Political and Cultural
Ingredients of the Katrina Catastrophe - Why There is No “Big
Easy Fix” - E. Kosters .... 13

Current Activities in Geological Mapping and Geochemistry - M. A.
MacDonald, T. A. Goodwin, R. J. Horne, R. D. Naylor, R. R. Stea
and C. E. White ... 14

Drift Exploration Using Indicator Minerals and Till Geochemistry -
M. B. McIlenaghans .... 15

Preliminary Assessment of Tills at Kemptville, Yarmouth County, and
Moose River and Lake Catcha, Halifax County, as Placer Gold Ore
Sources - R. F. Mills and J. D. Chipman ..... 16

A Summary of the Work Completed for the Nova Scotia Component of
the 2003 to 2005 Targeted Geoscience Initiative Program - R. D.
Naylor, D. C. Brisco and P. S. Giles ..... 17

Naturally Occurring Radionuclides in Nova Scotia’s Rocks, Water and
Air - G. A. O’Reilly .... 18

Arsenic and Mercury Contamination from Historical Gold Mine
Tailings in Nova Scotia - M. B. Parsons, P. K. Smith, T. A.
Goodwin, G. E. M. Hall and J. B. Percival .... 19
GIS Database Construction for the Annapolis Valley Aggregate Project - G. Prime ..... 20
The Legacy of Glacial Lakes in Nova Scotia - R. R. Stea ..... 21
Characterization of Existing Sand Deposits in the Annapolis Valley Utilizing High-resolution LIDAR Digital Elevation Models - A. Templin and T. L. Webster ..... 22
Petrographic and Chemical Variations Through the Goldenville and Halifax Formations, Bear River, High Head, and Broad River Sections, Southwestern Nova Scotia - R. M. Toole, S. M. Barr and C. E. White ..... 23
Structure of the Western Cumberland Basin: Implications for Coalbed-methane Exploration - J. W. F. Waldron and M. C. Rygel ..... 24
The Application of High-resolution LIDAR Elevation Models for Understanding Landscape Evolution: an Example from the North Mountain, Nova Scotia - T. L. Webster ..... 25
Preliminary Bedrock Geology of the Liverpool and Lake Rossignol Map Areas (NTS 21A/02 and 21A/03), Southern Nova Scotia - C. E. White and R. M. Toole ..... 26
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  Welcoming Remarks, Peter Underwood, Deputy Minister, Nova Scotia Department of Natural Resources (DNR)
Session Chair: Fenton Isenor, Mining Society of Nova Scotia
9:00 am - 9:20 am  Overview of Trends in Canadian Exploration and Mining, Peter Dimmell, President, Prospectors and Developers Association of Canada
9:20 am - 9:40 am  Overview of Gold Mineralization in Nova Scotia, Dan Kontak, DNR
9:40 am - 10:00 am  Developing Gold Mines in Nova Scotia, Will Felderhof, Acadian Gold Corp.
10:00 am - 10:20 am  Orex Exploration Inc. Progress Report, Jean Lafleur, Orex Exploration Inc.
10:20 am - 10:40 am  Break
10:40 am - 11:00 am  The Surprising Placer Potential of Nova Scotia Tills in Former Gold Districts, Ron Mills and Jared Chipman, DNR
11:00 am - 11:20 am  Structure and Predictability of Meguma Gold Deposits, Rick Horne, DNR
11:20 am - 11:40 am  The Economic Impact of the Minerals Sector in Nova Scotia, Bob Fraser, Gardner-Pinford Consulting Economists
11:40 am - 12:00 pm  Of Coal, Gold, Kings, Legislatures and the General Mining Association - An Unusual History of Nova Scotia, Howard Donohoe, DNR

12:00 pm - 2:00 pm  Lunch, Harbour Suites A and B, Keynote Speaker Dr. Elisabeth Kosters (Acadia University): Geological and Cultural Ingredients of the Katrina Catastrophe, Cost $20

2:00 pm - 2:10 pm  Welcoming Remarks, Scott Swinden, DNR, Session Chair
2:10 pm - 2:40 pm  The Legacy of Glacial Lakes in Nova Scotia, Ralph Stea, DNR
2:40 pm - 3:10 pm  Drift Exploration Using Indicator Minerals and Till Geochemistry, Beth McClenaghan, Geological Survey of Canada (Ottawa)
3:10 pm - 3:30 pm  Nova Scotia Gold Grain Study, Terry Goodwin, DNR
3:30 pm - 3:50 pm  Break

3:50 pm - 4:10 pm  Accessing Mineral Resources Branch Digital Geoscience Data and Information, Brian Fisher, DNR
4:10 pm - 4:30 pm  Overview of Bedrock and Surficial Mapping Projects and Geochemistry, Mike MacDonald, DNR
4:30 pm - 4:50 pm  Overview of Mineral Deposit Projects, Bob Ryan, DNR

5:00 pm  Reception, hosted by the Hon. Richard Hurlburt, Minister of Natural Resources, Cost $10
### Thursday, November 10

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:30 am - 12:00 pm</td>
<td>Registration</td>
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<tr>
<td>8:30 am - 3:00 pm</td>
<td>Displays Open (Commonwealth A)</td>
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<tr>
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<td>Coffee and Refreshments</td>
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<td>Welcoming Remarks, Mike Cherry, DNR, Session Chair</td>
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<td><em>A Brief Review of Groundwater Resources in Nova Scotia</em>, Heather Cross and John Drage, Nova Scotia Department of Environment and Labour</td>
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<tr>
<td>9:20 am - 9:50 am</td>
<td><em>Mitigation of Coastal Hazards: Adaptation to Rising Sea Levels, Storm Surges, and Shoreline Erosion</em>, Charles O'Reilly, National Hydrographic Service</td>
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<td>9:50 am - 10:20 am</td>
<td><em>Arsenic and Mercury Contamination from Historical Gold Mine Tailings in Nova Scotia</em>, Mike Parsons, Geological Survey of Canada (Atlantic)</td>
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<td><em>Using LIDAR to Map the North Mountain Basalts</em>, Tim Webster, Centre of Geographic Sciences</td>
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<tr>
<td>11:40 am - 12:00 pm</td>
<td><em>The North Mountain Basalt: a Walk Through a 201 Million Year Old Volcanological Paradise in the Jurassic Park of Southern Nova Scotia</em>, Dan Kontak, DNR</td>
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<td>12:00 pm - 2:00 pm</td>
<td>Lunch, Atlantic Ballroom, Keynote Speaker Tim Bernard, Mi’kmawey Debert Cultural Centre: <em>Tan Wetapesksi’k (Where we come from)</em>, Cost $20.</td>
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<tr>
<td>12:00 pm - 3:00 pm</td>
<td>Cash Bar, Commonwealth Ballroom A</td>
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<td>3:00 pm</td>
<td>Conference Closed</td>
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### 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).