

# The Matty Mitchell Prospectors Resource Room

A public-private sector partnership working for the  
Newfoundland and Labrador prospecting community



## Annual Report for 2007

*Matty Mitchell Prospectors Resource Room; Matty Mitchell Sample Library  
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## FOREWORD

Since its initiation 10 years ago, the Matty Mitchell Prospectors Resource Room has developed into a significant public-private sector venture that facilitates effective delivery of a wide range of joint government–industry initiatives supporting prospecting and mineral development throughout Newfoundland and Labrador.

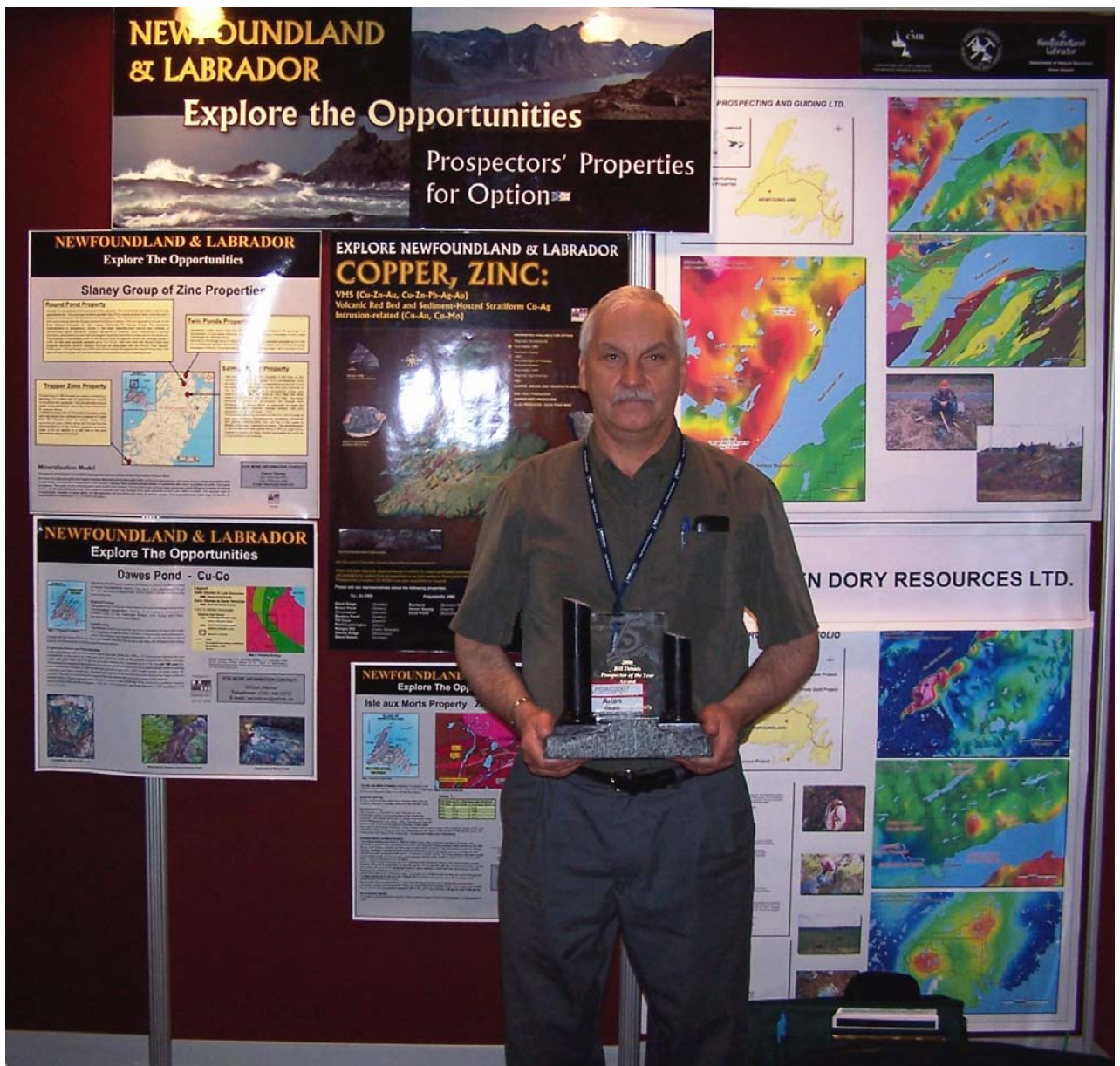
We are proud of what we have accomplished to this point as a provider of mentoring, technical support and promotional assistance to prospectors across our province. Prospectors and their discoveries are integral to the process of identifying our mineral resources, and fundamentally important to the sustainable development of our \$4 billion mineral exploration and mining industries. Both of these industries provide family-supporting employment and business opportunities in communities across Newfoundland and Labrador. Revenues from this growing mineral sector provide funding for government to address a wide range of public priorities.

Presented below is a brief overview of the Matty Mitchell Room project and its programs, followed by a review of some specific activities and new developments for 2007. If you are interested in learning more about us and the range of activities we pursue, contact us at [matty@gov.nl.ca](mailto:matty@gov.nl.ca) or visit our website [http://www.nr.gov.nl.ca/mines&en/geosurvey/matty\\_mitchell/](http://www.nr.gov.nl.ca/mines&en/geosurvey/matty_mitchell/).

The management committee would be happy to hear your suggestions of future initiatives for us to consider, and of ways to partner with you in delivering such initiatives, as resources allow.

*Sean O'Brien, P. Geo., Chair  
Management Committee  
Matty Mitchell Prospectors Resource Room*

## Prospecting Has Its Awards



*Al Keats, well-known Newfoundland prospector, holding his 2007 Prospector of the Year Award, at the Matty Mitchell Prospectors Resource Room Booth at PDAC 2007, Toronto.*

The Prospectors and Developers Association of Canada presented this prestigious award to the Keats and Stares prospecting families from Benton, Newfoundland.

# Matty Mitchell Prospectors Resource Room

## WHO WE ARE

The Matty Mitchell Prospectors Resource Room (MMR) is a government-industry-university partnership developed in 1998 by the Newfoundland and Labrador Department of Mines and Energy to support this province's prospecting community. The MMR is dedicated to pioneering prospector Matty Mitchell, discoverer of the Buchans Mine.

We deliver advice, technical support, mentoring and promotional services to prospectors and other interested individuals from all parts of the province. We help put government-funded geoscience data and other pertinent information into the hands of prospectors, for their planning, exploration and promotional activities. These data and support are provided to prospectors prior to discovery and thereafter, throughout the discovery-promotion-optioning process.

The MMR continues to meet its original purpose as a permanent multi-use resource area and drop-in centre for prospectors. Over the past 10 years, however, the partnership project has evolved into a major venture that facilitates effective delivery of a wide range of joint government-industry initiatives in support of prospecting and the mineral exploration industry. As before, we strive to deliver these initiatives and meet client demands in a rapid, effective, and cost-efficient manner.



*A view of the Matty Mitchell Prospectors Resource Room*

## WHERE TO FIND US

The Matty Mitchell Prospectors Resource Room and the Matty Mitchell Sample Library are located in the offices of the Geological Survey Division of the Newfoundland and Labrador Department of Natural Resources, 50 Elizabeth Avenue (Natural Resources Building), St. John's, Newfoundland and Labrador.

However, the Matty Mitchell Room project spends significant time on the road and can be found at points anywhere from St. John's to Vancouver delivering its initiatives in support of the Newfoundland and Labrador prospecting and exploration industry.



We can be reached by telephone at 709-729-2120, by fax at 709-729-4491 or email at [matty@gov.nl.ca](mailto:matty@gov.nl.ca).

Our website is: [http://www.nr.gov.nl.ca/mines&en/geosurvey/matty\\_mitchell](http://www.nr.gov.nl.ca/mines&en/geosurvey/matty_mitchell)

## **PARTNERS and MANAGEMENT**

The Geological Survey Division of the NL Dept. of Natural Resources Mines Branch initiated the Matty Mitchell Prospectors Resource Room project. Daily operations and on-going development of the resource room are overseen by a public-private-sector committee, chaired by the head of the Geological Survey's Geoscience Publications and Information Section (Sean O'Brien). The committee includes representatives from the Newfoundland and Labrador Chamber of Mineral Resources (Gerry O'Connell), the Geological Survey (Norm Mercer) and Mineral Development (Len Mandville) divisions, the Newfoundland and Labrador exploration group (Charlie Dearin) and the Earth Sciences Department, Memorial University (Derek Wilton). In providing this support and information, the Geological Survey works in close partnership and collaboration with the Chamber of Mineral Resources. Additional support is provided by the Mineral Development Division of the Mines Branch.

The MMR has a full-time professional position dedicated to the delivery of information services and promotional activities in support of prospectors. The MMR geologist is a contractual employee of the Chamber of Mineral Resources, working under the direction of the management committee; the position is based in the MMR. Salary and operating expenses in 2007 were cost-shared by the Chamber (70%) and the MMR (30%). The Chamber's contribution is sourced from a Business Development Agreement between it and the Atlantic Canada Opportunities Agency (ACOA). The MMR project receives additional funding from the Mines Branch's Prospectors Assistance Program. Donations are also made by the CIM Newfoundland Branch. Professional and technical expertise and additional in-kind support is provided by the Geological Survey.

### **Mission Statement**

The MMR project is designed to support prospectors by providing them with mentoring, technical support, and promotional assistance, thereby assisting in the creation of wealth and jobs through sustainable mineral development. Through its programs in support of prospectors and others in the provincial exploration industry, the MMR project's goal is to stimulate the provincial mineral industry and attract mineral investment to the province.

## **WHAT WE PROVIDE:**

### **Information & Consultation Services**

- Supply one-on-one advice, including rock and mineral identification, technical help, long-term mentoring and other support.
- Ensure integration of pertinent data from Survey geofiles, databases and other sources with prospectors own information in making promotional property posters.
- Maintain a rock and mineral collection with ore suites and alteration styles from around the province and around the world.
- Maintain a library of textbooks, reprints, maps, short course notes, databases and other related documents.
- Maintain a website.

### **Promotional Services**

- Design, display and distribute:
  - Property Poster Series
  - Regional Technical Posters
  - Properties for Option Maps and Booklets
  - Properties for Option CD-ROM
- Develop and display other promotional and information materials for use at Mineral Resources Review, Roundup, PDAC and other mineral industry conferences, and for public awareness events throughout the year

### **Prospector Support At Mineral Industry Trade Shows & Conferences**

- Provide logistical, technical and other support to prospectors participating in CIM, Mineral Exploration Roundup, PDAC and other industry conferences

### **Develop & Deliver Public Awareness & Education Initiatives**

- Organize prospecting workshops throughout Newfoundland and Labrador
- Organize field trips
- Participation in rural conferences
- Help organize lectures and short-courses

## Information and Consultation Services (Cont'd)

The MMR project provides novice and professional prospectors and members of the general public with geoscience information from the Geological Survey and from other local, national and international sources. The MMR aids prospectors in selecting and refining target areas, generating and further advancing new prospects, and when necessary, reinterpreting known prospects. Many of these prospectors have received grants from the Mines Branch Prospectors Assistance Program. These efforts continue to help attract new mineral exploration to many parts of rural Newfoundland and Labrador.

Assistance and advice is provided in a number of ways, including on-site visits and consultation in the MMR, through responses to e-mail, mail or telephone requests, through the web site and through visits in the field. MMR users are provided with advice and with help researching additional off-site sources of information; when necessary, visitors are connected with appropriate Mines Branch staff, MUN faculty or others who can assist them. Mentoring relationships between prospectors and the MMR geologist and/or Mines Branch geologists are established.

### *Prospectors and others supported by the Matty Mitchell Prospectors Resource Room in 2007*

In 2007, the Matty Mitchell Prospectors Resource Room project continued to supply mentoring, technical support and promotional assistance to a large number of prospectors across Newfoundland and Labrador. The Resource Room provided prospectors with on-site information and consultation services, including rock and mineral identification, help with data interpretation and presentation, and technical advice. Many others were assisted via telephone or e-mail consults and through other efforts and initiatives. A large number of clients availed of our growing sample collection, some of which is now housed in the new Matty Mitchell Sample Library.

Throughout 2007, the MMR help put government-funded geoscience data and other pertinent mineral deposit information (published and unpublished) into the hands of prospectors from across the province. We also provided information to a wide cross-section of the general public, and to representatives of exploration companies on the local and national scene.

The MMPRR aided prospectors with sample and mineral identification, selection and refinement of target areas, generation and further advancement of new prospects, and re-interpretation of existing prospects. We are happy to report



these efforts have helped prospectors attract new mineral exploration to many parts of rural Newfoundland and Labrador again in 2007. Throughout 2007, the MMPRR also provided information services to rock-hounds, tourists and a wide cross-section of the general public.

The MMR served many clients from the St. John's - Mt. Pearl - Paradise area, many of whom visit on a regular basis. We provided information services to individuals throughout the province and helped prospectors develop their own information packages which were circulated at meetings in Vancouver, Toronto and St. John's and distributed to interested companies as follow-up throughout the year.

In 2007, assistance was given to more than 110 people, most of them prospectors, who made approximately 700 requests either through personal visits, email enquiries or telephone calls.

The MMR had several people visiting from out-of-province who were interested in geo-tourism or in prospecting. The list of locations ranged from British Columbia in the west to PEI in the east, as far north as Greenland and as far south as Peru.

The following tables list individuals who were directly assisted during this time; most visited or requested assistance on multiple occasions.

Albert Stone	Marystown	Jason White	St. John's
		Jean-Pierre	
Albert Woodman	Dildo	Ashini	Northwest River
Alex Turpin	St. John's	Jerry Furlong	Mt. Pearl
Andre Labrie	St. John's	Jim Bouzane	St. John's
Andrew McCarthy	Vancouver	Jim Weick	St. John's
Barry Moore	Cupids	Joe Walsh	Marystown
Baxter Kean	St. John's	John Sceviour	Mt. Pearl
Baxter Senior	Red Harbour	Jonathan Bailey	St. John's
Bonaventure Fagan	St John's	Keith Kelloway	Burin Bay Arm
Bradley Chislett	St. John's	Ken Lewis	Gander
Calvin Davis	St. John's	Ken Parsons	St. John's
Calvin Pottle	Islington	Ken Stead	Clareville
Carter Senior	Red Harbour	Kevin Ryan	St. John's
Charlie Dearn	St. John's	Lai Lai Chan	Ontario
Chris Jackman	Harbour Breton	Larry Pilgrim	Kings Point
Chris LeClair	Ontario	Larry Salo	Ontario
Chris Moore	St. John's	Lloyd Burry	St. John's
Dan Jacobs	Bell Island	Lorne Boone	St. John's
Daron Slaney	Port aux Basques	Lucy O' Driscoll	St. John's
Darrell Penney	St. John's	Luke Rich	Natuashish
Dave Butler	St. John's	Melvin Jackman	Harbour Breton
Dave Evans	Grand Falls	Michael Fagan	St. John's
Dave King	St. John's	Mike Meeney	St. John's
David Drover	St. John's	Mike Stares	Ontario

David Green	Harbour Breton	Munden Collett	Mount Pearl
David Jarvis	St. John's	Nath Noel	Paradise
David Walsh	St. John's	Nelson King	Baie Verte
Dennis Walsh	St. Johns	Noel Murphy	St. John's
Derek Locke	St. John's	Paris Georghiou	St. John's
			Conception Bay
Don Croucher	PEI	Paul Chafe	South
Earl Benson	St. John's	Paul Denty	Eastport
Ed Martin	St. John's	Paul Stroud	Foxtrap
Ed Watson	St. Mary's	Peter Dimmell	St. John's
Eddie Quinlan	Birchy Bay	Randy Earle	L'Anse au Loup
Elias Semigak	Nain	Ray Penney	St. John's
Eric Hussey	St. John's	Ray Power	Paradise
Fred Mouland	St. John's	Roland Butler	Lawrenceton
Garry Luffman	Ontario	Roland Quinlan	Birchy Bay
Garry Thompson	Burin	Ron Taylor	St. John's
Gary Lewis	Grand Falls	Roy French	Carbonear
George Lannon	Grand Falls	Sandy Duffitt	Clareville
Gerald Seward	Clareville	Sandy Stares	Benton
Gerry Furlong	Mt. Pearl	Shawn Robinson	Grand Falls
Gerry Gibbons	St. Mary's	Steve Stares	Ontario
Gerry Hull	Paradise	Susan Scott	St. John's
Gilbert McGrath	St. Juliens	Sven Jensen	Greenland
Glen Quirke	St. Mary's	Terry Snelgrove	St. Phillips
Gordon Cooper	St. John's	Tim Stead	Little Catalina
Gordon Crocker	Clareville	Todd Byrne	Deer Lake
Greg Peddle	St. John's	Tom Benoit	Stephenville
Gus Finn	St. John's	Vic French	Clark's Beach
		Walter	
Herb Froude	Clareville	Sweetapple	Glovertown
Ivan Mesher	St. John's	Wayne Holloway	Paradise
Jason Baggs	Ontario	Wilson Jacobs	St. John's
Jason Rickard	Ontario		

The following people were assisted through phone calls

Albert Stone	Marystown	Jim Weick	St. John's
Barry Moore	Cupids	John Parsons	Kilbride
Baxter Kean	St. John's	John Sceviour	Mt. Pearl
Baxter Senior	Red Harbour	Keith Ellis	St. John's
Bill Mercer	Grand Falls	Ken Parsons	St. John's
Brian Penney	Port Hope Simpson	Ken Stead	St. John's
Butch Collins	Torbay	Kevin Ryan	St. John's
Calvin Pottle	Islington	Larry Pilgrim	Kings Point
Charlie Dearin	St. John's	Lloyd Hicks	Port Hope Simpson
Colin Kendell	Baie d'Espoir	Lucy O'Driscoll	St. John's
Dan Jacobs	Bell Island	Melvin Jackman	Harbour Breton
Dan Michelin	Goose Bay	Paul Denty	Eastport
Daron Slaney	Port aux Basques	Paul Keough	Clareville

Darrin Hicks	Baie d'Espoir	Paul Stroud	Foxtrap
David Copeland	Gander	Pauline Plowman	St. John's
David Hicks	Baie d'Espoir	Peter Hurley	Baie Verte
Dennis Burden	Port Hope Simpson	Ray Power	Paradise
Derick Fancey	Wings point	Reg Lundrigan	Epworth
Donald McGrath	Placentia	Rex Cooper	St. John's
Earl Benson	St. John's	Rex Simms	St. John's
Ed Martin	St. John's	Rick Soper	St. John's
Edward Luff	Summerford	Rod Hynes	Port au Port
Fred Hall	Goose Bay	Roland Quinlan	Birchy Bay
George Lannon	Placentia	Ron Taylor	St. John's
Georgina Allen	Goose Bay	Sidney Torrerville	Corner Brook
Gerry Gibbons	St. Mary's	Stella ?	St. John's
Gerry Stanley	Dublin	Tom Benoit	Stephenville
Gilbert Lushman	Corner Brook	Tom Green	Harbour Breton
Gordon Crocker	Clareville	Tom McLennon	Grand Falls
Graham Hanley	North River	Walter Sweetapple	Glovertown
	Conception Bay		
Jason White	South	Wayne Holloway	Paradise
Jim Bouzane	St. John's	Willis Daye	

The following people were assisted through e-mail contact.

Albert Stone	Marystown	Kevin Duggan	St. John's
Barry Sparkes	Grand Falls	Kevin Keats	Gambo
Baxter Kean	St. John's	Kevin Ryan	St. John's
Butch Collins	Torbay	Larry Hicks	St. John's
Charlie Dearn	St. John's	Larry Pilgrim	King's Point
Cyril Reid	Bishop's Falls	Leah Duxbury	Dublin
Daron Slaney	Port aux Basques	Lucy O'Driscoll	St. John's
Darrin Hicks	Baie d'Espoir	Michael Barnes	Ontario
			Conception Bay
Dave King	St. Phillips	Paul Chafe	South
David Copeland	Gander	Paul Snow	Goose Bay
David Hicks	Baie d'Espoir	Pauline Plowman	St. John's
David Walsh	Logy Bay	Peruvian	Peru
Dennis Burden	Port Hope Simpson	Peter Dimmell	St. John's
Derek Wilton	St. John's	Peter Hurley	Baie Verte
	Happy Valley-Goose		
Donald Blake	Bay	Peter Laracy	Cupids
Eddie Quinlan	Birchy Bay	Randy Goudie	Notre Dame Bay
Garry Thompson	Burin	Roland Quinlan	Birchy Bay
George Lannon	Placentia	Roland Quinlan	Birchy Bay
Georgina Allen	Goose Bay	Ron Taylor	St. John's
Herb Froude	Clareville	Roy French	Carbonear
Janice Stein	St. John's	Sandy Stares	Benton
Jasmine McGrath	Northern Peninsula	Sidney Torrerville	Corner Brook
Jason Summers	St. John's	Sidney Torrerville	Corner Brook
Jason White	Conception Bay South	Spencer Vatcher	Grand Falls
Jim Harris	Bay Roberts	Tim Gushue	Hughes Brook

Jim Weick	St. John's	Tom Benoit	Stevensville
Joy Kennedy	Labrador City	Tom McLennon	Grand Falls
Karen Dawe	St. John's	Wayde Guinchard	Corner Brook
Keith Kelloway	Burin Bay Arm	Wayne Holloway	Paradise
Ken Stead	St. John's	Wilbert McGrath	St. Juliens

**Junior exploration companies** active in the province were assisted in a more indirect way through the MMR promotional activities across Canada during 2007. For example, the following companies had properties included in the MMR's series of Properties for Option maps and Booklet:

Cornerstone Resources Inc.	Altius Minerals Corp.
Trinity Resources and Energy Ltd.	Paragon Minerals
Viking Gold Exploration Inc.	Kermode Resources Inc.
New Island Resources Inc.	Buchans River Ltd.
Falcon Ventures	Tundra Properties Inc.
Royal Roads Corp.	Celtic Minerals Ltd.
Thomas Resources Inc.	South Coast Ventures
Clode Sound Resources	Freeport Resources Inc.

## *Promotional Services*

### Property Poster Series

Posters for individual properties were compiled for prospectors for display at PDAC in Toronto, Mineral Exploration Roundup in Vancouver and the annual Mineral Resources Review in St. John's (see poster list below). The MMR maintained this "Property Poster Series" by revising older versions and developing new posters when requested by prospectors. As before, the publications provided thumbnail sketches of the style of mineralization, commodities, contact information and location of prospects. These technical posters were displayed at the local, national and international conferences listed below. The digital versions were distributed during and after these meetings and are available as pdfs for download on the MMR website. The individual property posters meld prospectors' data with additional geoscientific data and interpretation from the Geological Survey and other sources. The digitally produced information packages aid prospectors in promoting and optioning their properties.

## New property posters compiled - 2007

Prospector	Property	Prospector	Property
Kevin Keats	Isle aux Morts	Donald Blake	Wilson Lake
Jim Weick	Paradise River	Albert Stone	Kelstone
Sandy Stares	Sheffield Lake	Darrin Hicks	Terra Nova
George Lannon	Paradise Lake	Darrin Hicks	Dolland
Sandy Stares	Main Brook	Tom McLennon	Davis Pond
Sandy Stares	Grindstone	Darrin Hicks	Pasadena
Tom McLennon	Red Island	Daron Slaney	Slaney Group
George Lannon	Anaktalik Bk	Jim Harris	Dog Pond
David Hicks	Fischells Brook	David Walsh	Liverpool Brook
Jason White	La Manche	David Walsh	Otter Island
Herb Froude	Postville	Ivan Mesher	Saunders Bk
Wilbert McGrath	St Juliens	Darrin Hicks	St Patricks
Kevin Ryan	Random Island	Baxter Senior	Red Harbour
George Lannon	Upper Pond	Darrin Hicks	Wild Bight
Kevin Ryan	Burin Industrial	Kevin Ryan	Northern Arm

## Revised property posters

Dave King	Budgells Hbr	George Lannon	Twilite, Reid Group
David Walsh	Chignic		

# NEWFOUNDLAND & LABRADOR

## Explore The Opportunities

### St. Juliens - Copper-Gold



Produced By:  
  
 Oct, 2007



Map 1: Property location

#### Local Geology

The occurrence lies within the Maiden Point Formation, the most extensive formation within the Hare Bay allochthon. In general the Maiden Point slices lie directly upon autochthonous Goose Tickle flysch and are themselves composed of graded greywacke, pebble - conglomerate with blue quartz grains, and mainly dark grey to black shale. The base of the formation and its overlying contact with the rocks of the Hare Bay schist groups consist of melange zones.

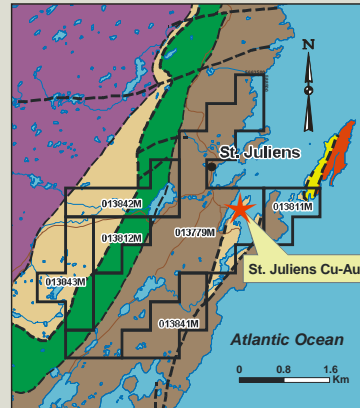
#### Mineralization

Chalcopyrite and pyrite occurs in a 5 - 15 cm quartz vein which has been traced for approx. 15 metres. The vein occurs within greywacke of the Maiden Point Formation which is Late Proterozoic to Cambrian in age. The showing is underlain by interbedded greywacke, schists, sandstones and grey slate. The rocks are bounded by two parallel faults which strike N70 E and dip vertically. The sediments are folded between the two faults. Douglas (1940) - 80 tons of ore were reported shipped from the site in 1904. This may be an exaggeration due to the small size of the vein. In the report by Douglas, mention is made of a shaft being sunk in 1904. No name of a company or individual is given. Recent work on the property by the owners returned copper up to **15.8%**, **silver up to 7.19 g/t**, **nickel up to 0.20%** and up to **0.091% Cobalt**, from grab samples.

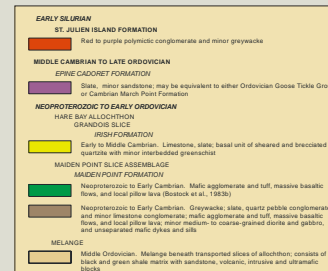
The St. Juliens Property consists of 45 claims located on the Great Northern Peninsula of Newfoundland, adjacent to the community of St. Juliens (NTS 2M/04). Access is provided by Route 432 off Rte. 430, the northern peninsula highway, several side roads and by boat.

#### Regional Geology

The region lies within the Humber Tectonostratigraphic Zone of the Newfoundland Appalachians and is underlain by units of the Neoproterozoic to Early Ordovician Humber Arm Allochthon.



Map 2: Property location and geology



Geology Source: Colman-Sadd, S. P., and Crosby-Whittle, L. V. J. (compilers) 2006: Partial bedrock geology dataset for the Island of Newfoundland, Newfoundland Department of Mines and Energy, Geological Survey, Open File NFDL/2618 version 6.0.  
 Mineral Occurrence Source: Mineral Occurrence Database - Geological Survey, Department of Natural Resources Web site: <http://www.gov.nl.ca/mines4en/geosurvey>

#### FOR MORE INFORMATION CONTACT:

**Wilbert McGrath**  
 Telephone: (709) 227-3799  
 Email: wjb@persona.ca

### Sample of property poster

Property posters for the following prospectors were created or updated with new data for display at the Mineral Exploration Round-up (Vancouver) and PDAC (Toronto) conferences in 2007. In many cases, the information was included in property information packages sent by the prospectors, the MMR or the Publications and Information Section of the NLDNR to mining and mineral exploration companies as follow-up to contacts made at these meetings.

- Darrin Hicks (*Northern Labrador, South Coast*)
- Kevin Keats (*Central Newfoundland, Northern Peninsula, Notre Dame Bay area*)
- Sandy Stares (*South Coast, Northern Peninsula, Central, Notre Dame Bay area*)
- Herb Froude / Sandy Duffit (*Southern Labrador, Central Newfoundland*)
- Jim Weick (*Labrador, Central Newfoundland*)
- George Lannon / Cyril Reid (*South Central, Badger and Notre Dame Bay area*)
- Tom McLennon (*White Bay area*)

Alex Turpin (*South Coast, Burin Peninsula, Avalon, South Central*)  
Albert Woodman (*Gander Lake*)  
Eddie Quinlan and Roland Quinlan (*South Coast, Carmenville*)  
Gerry Hull (*Stephenville*)  
Leroy Smith (*Isthmus*)

The Property Poster Series continues to be an important aid to prospectors in promoting and optioning their properties. We currently maintain a growing digital library of more than 130 posters (available on request in digital or hard copy format) on various prospector properties. Our current collection includes the following properties; note that some have been optioned, some have been dropped, while others remain available for option.

*AK Hinds Lake: Cu-Au (Western Newfoundland)* for T. Gordon, Deer Lake  
*Abbots Brook: Au (Southern Newfoundland)* for D. Hicks, Milltown  
*Alliger Lake Property Ni-Cu-Co (Labrador)* for D. Hicks, Milltown  
*Avondale Property: Cu-Au (Avalon Peninsula)* for G. Furlong, Mt. Pearl  
*Baie Verte: U (Baie Verte Peninsula)* S. Stares, Benton  
*Bergs Prospect: Au (Avalon Peninsula)* for G. Peddle, St. John's  
*Black Raven: Au-Sb-Ag-Cu-Zn-Pb (Notre Dame Bay)* R. Quinlan, Birchy Bay  
*Black Ridge Property: Cu-Au (Baie Verte - Green Bay region)* E. Quinlan, Birchy Bay  
*Broad Cove Pond property: Cu (Burin Peninsula)* for G. Deveraux, Terrenceville  
*Budgell's Harbour: Cu-Ni-Co-Au-Pt-Pd (Notre Dame Bay)* G. Lewis, Grand Falls  
*Cavendish: Cu-Ag (Avalon Peninsula)* T. / K. Stead, Little Catalina  
*Chignic Property: Au (Southwest Newfoundland)* for D. Walsh, Logy Bay  
*Christopher Property: Cu (Central Newfoundland)* for W. Mercer, Grand Falls  
*Coldblow Propert: Au (Burin Peninsula)* for K. Kelloway, B. Mills (Burin)  
*Collier's River: Cu-Ag (Avalon Peninsula)* T. / K. Stead, Little Catalina  
*Copper Mountain: Cu (Southern Newfoundland)* for G. Hoskins, Head of Bay D'Espoir  
*Cormac: U (Western Newfoundland)* I. Mesher, St. John's  
*Cracker: Au (Gander area)* F. Pollett, Gander  
*Cripple Creek Property: Cu-Au-Ag* for D. Fancey and D. LeDrew, Wings Point  
*Crow Hill Prospect: Au (Baie Verte - Green Bay region)* for L. Pilgrim, Kings Point  
*Danny Boy: Au (Central Newfoundland)* S. Courtney, Grand Falls  
*Dark Hole Property: Au-Cu-Ag (Eastern Newfoundland)* J. Bailey (Clareville)  
*Davis Pond: U (White Bay)* T. McLennon, Grand Falls  
*Dawes Pond: Cu-Co (Central Newfoundland)* B. Mercer, Grand Falls  
*Dolland: U (Southern Newfoundland)* D. Hicks, Milltown  
*Duder Lake Property: Au (Central Newfoundland)* for R. Quinlan (Birchy Bay)  
*Dog Pond Au (Avalon Peninsula)* for J. Harris, St. John's  
*Eastern Pond: Au (Central Newfoundland)* for G. Lannon, (Placentia)  
*Eastport Peninsula: Cu (Bonavista Bay)* for W. Sweetapple and partners, Glovertown  
*Elliott: Au (Central Newfoundland)* S. Courtney, Grand Falls  
*Emisis property: dimension stone (Clareville area)* for S. Duffitt & partners, Clareville  
*English Ridge: Cu (Avalon Peninsula)* J. White, St. John's  
*Fergusons Pit: Cu (Avalon Peninsula)* for L. Smith, Arnolds Cove Station

*Fischell's Brook: Au (Western Newfoundland)* D. Hicks, Milltown  
*Francois: U (Southern Newfoundland)* D. Hicks, Milltown  
*Fresh Steak Lake: U (Central Labrador)* D. Hicks, Milltown  
*Garnish Pond: U (Burin Peninsula)* K. Ryan, St. John's  
*Gaultois: dimension stone (Southern Newfoundland)* G. Hoskins, Head of Bay D'Espoir  
*Grand Fiddlers property Cu (Central Newfoundland)* for A. Woodman, South Dildo  
*Granite (Southern Newfoundland)* for C. Pottle, Islington  
*Greenhill Property: Cu (southern Burin Peninsula)* for D. Kelly and A. Stone, Marystown  
*Grey River: Au, (Southern Newfoundland)* G. Lushman, Corner Brook  
*Grindstone: U (Western Newfoundland)* S. Stares, Benton  
*Hampden and Jackson's Arm: Au (White Bay area)* for L. Murphy, Conception Bay South  
*Handcamp: Au (Central Newfoundland)* G. Lannon, C./P. Reid, (Placentia, Bishops Falls)  
*Harbour Mille: Cu-Ag (Burin Peninsula)* K. Ryan, St. John's  
*Harbour Mille: Cu-Ag (Burin Peninsula)* S. Stares, Benton  
*Hinds Brook Property: Cu (Central Newfoundland)* for T. Gordon, Corner Brook  
*Hope Brook Extension: Au (Southern Newfoundland)* for R. Quinlan (Birchy Bay)  
*Horseshoe: Au (Central Newfoundland)* for G. Lannon, P. Reid (Placentia, Bishops Falls)  
*Island Pond Ridge: Cu-Au (Avalon Peninsula)* P. Dwyer / partners, Conception Bay South  
*Isle aux Morts: Zn-Pb-Cu-Ag-Au (Southern Newfoundland)* S. Keats, Benton  
*Jonathons Pond property: Au (central Newfoundland)* for R. Crocker, Benton  
*Jumpers Brook: Au (Central Newfoundland)* A. Aleksejev and D. Toms (Mt. Pearl)  
*Kelligrews: Cu (Avalon Peninsula)* for P. Dwyer and partners, Conception Bay South  
*Kelstone: Au (Avalon Peninsula)* D. Kelly, Marystown  
*Kim Lake: Au (Southern Newfoundland)* S. Stares, Benton  
*Kippens: Zn (Western Newfoundland)* S. Stares, Benton  
*Limerick - Stirling Property: Cu-Au (Baie Verte - Green Bay region)* A. Turpin, Mt Pearl  
*Little Joe Glodes: Ni-Cu-Co (Central Newfoundland)* B. Mercer, Grand Falls  
*Little Rattling Brook: Au (Baie Verte - Green Bay region)* for C. George, Grand Falls  
*Little River: Au (Southern Newfoundland)* D. Hicks, Milltown  
*Liverpool Brook: Cu-Ni-PGEs (Western Newfoundland)* D. Walsh, Logy Bay  
*Lloyds Lake property: Cu-Zn-Pb-Au (Central Newfoundland)* for K. Keats, Gambo  
*Lodestar: Au-Zn-Cu (Burin Peninsula)* for L. Smith, Arnolds Cove Station  
*Lonely Otter Property: Au (Central Newfoundland)* for R. Quinlan (Birchy Bay)  
*Loon Bay Property: Au - Central Newfoundland* for P. Crocker, Cape Broyle  
*Loon Pond Property: Au-Ag-Zn-Cu-Pb (Baie Verte - Green Bay region)* S. Stares, Benton  
*Lunch Pond: U-F (Burin Peninsula)* K. Ryan, St. John's  
*Main Brook: U (Burin Peninsula)* S. Stares, Benton  
*Miles Cove Mine Property: Cu-Zn (Central Newfoundland)* for D. Walsh, Paradise  
*Mint Brook: Au (Northeaster Newfoundland)* W. Sweetapple and partners, Gambo  
*Mt. Margaret: U (Burin Peninsula)* K. Ryan, St. John's  
*Muddy Gullies: PGE (Central Newfoundland)* for J. Bouzane, St. John's  
*Musket Property: Au (Central Newfoundland)* for G. Pardy, Grand Falls  
*Natlins Brook Property: Cu-Au (White Bay area)* for T. McLennon (Grand Falls)  
*Nippers Harbour: Cu-Au (Baie Verte - Green Bay region)* for E. Martin, St. John's  
*Nitty Gritty: Cu-Au-U (Southern Newfoundland)* A. Turpin, St. John's  
*Nf Tantalum Property: Ta (Central Newfoundland)* for S. Stares, Benton



*Northwest Cove: Mo (Southern Newfoundland) A. Turpin, Mt. Pearl*  
*Oderin Island: Cu (Placentia Bay) K. Ryan, St. John's*  
*O'Sullivan Property: Au (White Bay area) for K. Keats, Gambo*  
*Otter Brook: Au (Central Newfoundland) for G. Lannon, C. and P. Reid*  
*Otter Island: Cu (Baie Verte - Green Bay region) for D. Walsh, Logy Bay*  
*Paradise Lake: Au (Central Newfoundland) G. Lannon, Placentia*  
*Paradise River: Cu-Ni-Au-U (Eastern Labrador) J. Weick, St. John's*  
*Pasadena: Au-U (Western Newfoundland) D. Hicks, Milltown*  
*Pastureland Road Property: Zn-Cu-Pb-Ag-Au (Avalon Peninsula) for A. Turpin, Mt Pearl*  
*Peyton Property: Au (Central Newfoundland) for G. Lewis, Grand Falls*  
*Phillip's Brook: Au (Southern Newfoundland) R. Quinlan, Birchy Bay*  
*Pilley's Island: Cu-Zn-Pb-Ag-Au (Notre Dame Bay) S. Stares, Benton*  
*Pumbly Cove: Cu-Ag (Avalon Peninsula) R. French, Carbonear*  
*Red Bed Copper Prospect: Cu (Avalon Peninsula) G. Burrige (New Perlican)*  
*Red Cross Lake property: Ni-Cu (Central Newfoundland) for K. Keats, Gambo*  
*Red Island: U-REEs (Placentia Bay) T. McLennon, Grand Falls*  
*Rocky Pond Property: Au (Northeastern) for K. Ryan, St. John's*  
*Rope Cove Canyon Property: Cu-Ni (Western Newfoundland) K. Ryan, St. John's*  
*Roti Bay: Pb-Zn-Ag (Southern Newfoundland) D. Hicks, Milltown*  
*Round Pond: Zn-Pb (Western Newfoundland) for J. White (St. John's)*  
*Round Pond: Zn-Pb (Western Newfoundland) D. Slaney, Port-aux-Basques*  
*Rushoon property: Cu (Burin Peninsula) for G. Quirke (St. Mary's)*  
*Second Exploits: Au-U-Ag-Zn-Pb (Southwestern Newfoundland) C. Reid, Bishop's Falls*  
*Shatter Cliff: F (Burin Peninsula) K. Ryan, St. John's*  
*Sheep Brook: Ni-Cu-Co-PGEs (Western Newfoundland) G. Hull, Paradise*  
*Sheffield Lake: U (Central Newfoundland) S. Stares, Benton*  
*Shoal Bay: Au (Northeastern Newfoundland) R. Quinlan, Birchy Bay*  
*Silver Cove Property: Au (southern Burin Peninsula) D. Kelly and A. Stone, Marystown*  
*Smokin' Joe: U-Au-Sn (Eastern Newfoundland) Herb Froude, Clarenville*  
*Starkes Pond: Cu-Au (Central Newfoundland) J. Weick, St. John's*  
*St. Juliens's: Cu-Au (Western Newfoundland) McGrath brothers, St. Julien's*  
*St. Patrick's: Cu-Au (Notre Dame Bay) S. Stares, Benton*  
*Stephenville property D. Cormier, Stephenville*  
*Sullivan Pond: Cu (North Central Newfoundland) S. Stares, Benton*  
*T Lush claims: Au (Central Newfoundland) for T. Lush (St. John's)*  
*Tammy's Dream: Cu-Au-U (Eastern Newfoundland) for R. Parsons, Clarenville*  
*Terra Nova: U (Eastern Newfoundland) D. Hicks, Milltown*  
*Thanksgiving: Au (Southern Newfoundland) G. Lushman and partners, Corner Brook*  
*Tom Joe Brook: Au (central Newfoundland) for P. Dimmell, St. John's*  
*Torrent River: U (Western Newfoundland) K. Keats, Benton*  
*Tug Pond East: Au (Burin Peninsula) for E. Hussey, St. John's*  
*Twilight: Au (Central Newfoundland) G. Lannon, C. & P. Reid, Placentia, Bishops Falls)*  
*Velvet Heart Property: Au (Avalon Peninsula) for A. Turpin, Mt Pearl*  
*Weir's Pond: Au (Northeastern Newfoundland) S. Stares, Benton*  
*Whale Cove: Au (southern Burin Peninsula) for D. Kelly and A. Stone, Marystown*  
*White Bay Property: Au (Western Newfoundland) for K. Keats, Gambo*

*Wild Bight: Cu-Au (Northern Newfoundland)* D. Hicks, Milltown

*Wilson Lake: Fe (South Central Labrador)* D. Blake, Happy Valley - Goose Bay

## Regional Posters

In 2007, the Properties for Option maps, Booklet and CD - ROMs were updated for distribution and display at the local and national conferences listed below. Several of these publications are combined for distribution on the Properties for Option CD-ROM and are available for viewing or download on the MMR website.

- A Selection of Gold Properties Available for Option in Newfoundland
- A Selection of Properties Available for Option in Labrador
- Properties Available for Option in Newfoundland and Labrador Booklet
- Prospecting Environments in Newfoundland Map (*in conjunction with Geological Survey*)
- Prospecting Environments in Labrador Map (*in conjunction with Geological Survey*)

## Commodity Posters

In 2005/2006 the MMR developed a new set of 6 Commodity Posters which are primarily for display purposes. The posters are:

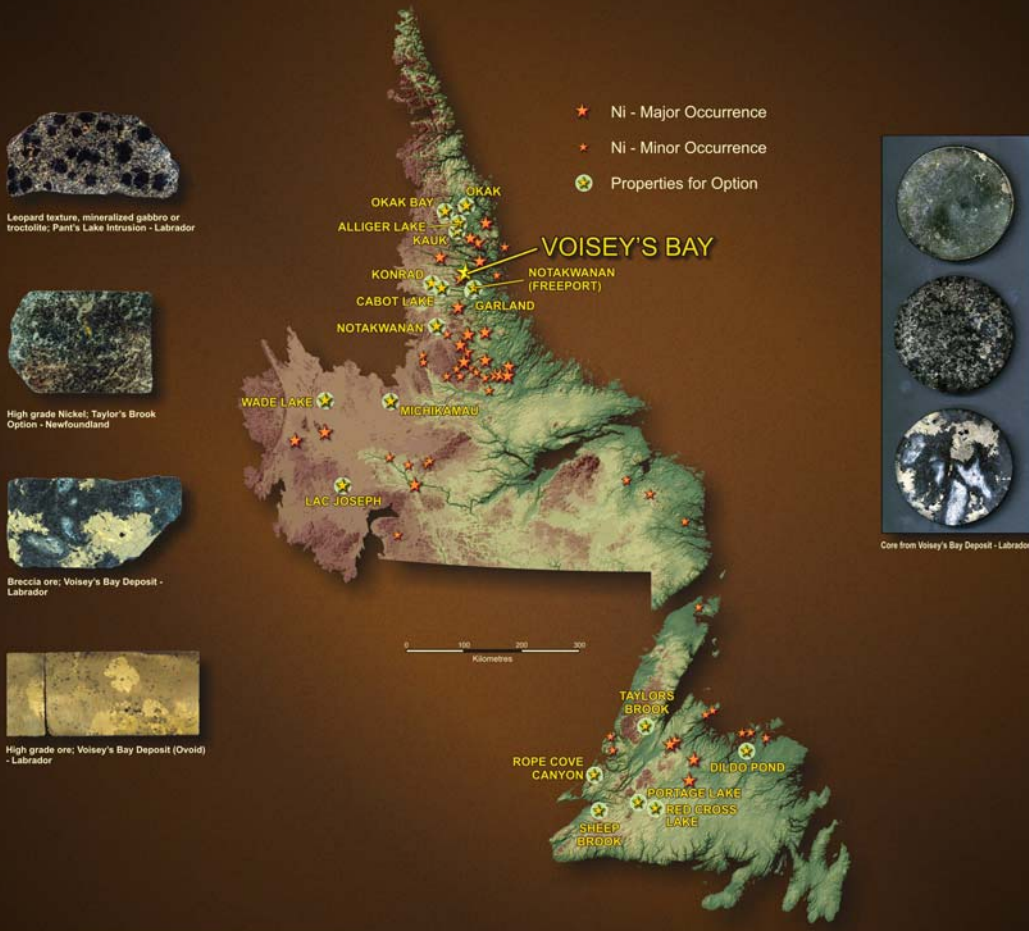
- Gold - *Orogenic, VMS-related and Other Gold systems*
- Gold - *Epithermal and Intrusion-Related Gold systems*
- Copper/Zinc - *VMS, Volcanic Red Bed and Sediment hosted stratiform Cu-Ag and Intrusion-related Cu-Au and Cu-Mo systems*
- Uranium
- Nickel
- Tungsten, Molybdenum and Antimony

Properties for option are highlighted on each commodity poster and are shown in relation to other prospects/showings of that same commodity, developed or developing mines and optioned properties. These posters are updated for each conference and are available as PDFs on the MMR website. Access databases are being developed with active links to the poster so that internet users will eventually be able to click on a property for option and download pertinent information. These posters are also available as PDFs on the CD-ROMs mentioned above.

# EXPLORE NEWFOUNDLAND & LABRADOR

# NICKEL:

PROSPECTORS RESOURCE ROOM  
 First Floor  
 Natural Resources Building  
 Geological Survey of  
 Newfoundland and Labrador  
 70 Elizabeth Avenue  
 St. John's NL, Canada



Base map courtesy of Shuttle Radar Topography Mission at <http://srtm.usgs.gov/mission.html>

Stars indicate Nickel deposits, prospects or showings. Some of these prospects are available for option from prospectors or junior mining companies. A complete list of such projects is on our complimentary CD-ROM – "Properties Available for Option". Prospectors' property CD-ROM's are also available on request.

Please ask our representatives about the following properties.

Rope Cove Canyon	(Stares)	Konrad	(Cornerstone)
Sheep Brook	(Hull)	Taylor's Brook	(Altius)
Alliger Lake	(Hicks)	Michikamau	(Altius)
Portage Lake	(Keats)	Lac Joseph	(Altius)
Okak	(Cornerstone)	Wade Lake	(Altius)
Garland	(Cornerstone)	Cabot Lake	(Gallery)
Notakwanan	(Cornerstone)	Notakwanan	(Freeport)
Kauk	(Cornerstone)		



Commodity poster - Nickel

## Prospector Support at Mineral Industry Trade Shows and Conferences:

In 2007, the MMR continued its major role of providing logistical support for prospectors attending local and national mining and mineral exploration conferences and trade shows. Assistance is provided to prospectors prior to, during and following these events. The MMR also assists those who cannot attend by promoting their properties at these meetings. The MMR was a participant and/or exhibitor in the following meetings

- Mineral Exploration Round-up, Vancouver January 28 to Feb. 1<sup>st</sup>, 2007.
- PDAC, Toronto, March 3 - 6, 2007.
- Baie Verte Mining Conference, June 15<sup>th</sup> and 16<sup>th</sup>, 2007.
- SGA-NAMS Conference, Dublin, Ireland, August 18<sup>th</sup> - 23<sup>rd</sup>, 2007
- Annual Review of Activities, St. John's Nov 1<sup>st</sup> - 3<sup>rd</sup>, 2007

The MMR worked in conjunction with the NL Chamber of Mineral Resources and the Geological Survey and Mineral Development divisions of the Mines Branch at these meetings, focusing on individual prospect promotion and promotion of the province in general as a region to invest in mineral exploration and development. In the Toronto and Vancouver meetings, the MMR availed of space provided by the Chamber, to display Property Posters described above.

During 2007, at least nine prospectors successfully optioned properties either to local juniors or Canadian majors; some of the critical contacts which resulted in successful option agreements, were made at these meetings.

## Prospectors awarded the "Prospector of the Year Award" by PDA

A milestone in Newfoundland prospecting occurred when five prospecting families from Benton were honoured by the PDAC with the **Bill Dennis Prospector of the Year Award**, presented in Toronto at the annual PDAC Convention in March. This award, named for a former PDAC president, honours individuals or groups who have made significant mineral discoveries in Canada. The prestigious award recognizes contributions to the industry over the past 40 years by the Keats, Stares, Crocker, Barrett and Smith families of Benton. Notable discoveries include boulders which led to finding the Duck Pond Mine and the Beaver Brook Antimony Mine, the Deer Cove gold deposit, amongst many others.

## Links with the Society of Economic Geologists:

In 2005, the MMPRR forged a new link with the next generation of economic geologists by partnering with the newly-minted Society of Economic Geology (SEG) Student Chapter at MUN. SEG members continued to help the MMR at Mineral Resources Review 2007



by providing on-site support to the Matty Mitchell Booth and were also available to lend a hand to prospectors in the core-shack displays. This collaboration is to our mutual benefit, and to that of the prospectors we support.

## Prospector Course Participation

- Stephenville, June 7<sup>th</sup> - 9<sup>th</sup>, 2007
- Happy Valley - Goose Bay, July 7<sup>th</sup> - 11<sup>th</sup>, 2007
- Happy Valley - Goose Bay, September 12<sup>th</sup> - 15<sup>th</sup>, 2007.

The Matty Mitchell Room geologist made presentations to the seventeenth annual Prospectors course in Stephenville and to the second annual Labrador Prospectors course which was held in Happy Valley-Goose Bay. In September, the Matty Mitchell Room collaborated with the Labrador Metis Corporation to facilitate a two week long prospecting course in Happy Valley-Goose Bay. This undertaking was part of the Matty Mitchell Room public outreach initiative, working in conjunction with the Chamber of Mineral Resources and the Mineral Development Division of the Department of Natural Resources.

## Introduction to Prospecting - Workshop Facilitation

The Matty Mitchell Room geologist gave a one day seminar and field trip to participants in the "Becoming an Outdoors Woman" (BOW) course in May, 2007.

## MMR Sample Library and Other Resources

In 2007, the MMR continued work on cataloging and expanding our on-site collection of samples and other resource materials on geology, mineral deposits, commodities, mineral exploration and the mining industry. Friends of the MMR continue to donate books and materials to the collection; we encourage all readers to remember our collection the next time you thin out your bookcases.

We continue to amass samples from across the province, and from new and existing mines and prospects from other parts of Canada, Cuba, Mongolia, South America and Australia. Our in-house document and rock and mineral collection continues to expand with recent contributions from the Nalunaq Gold Mine, Greenland (ore processed at Nugget Pond), Red Lake Gold Mine, Ontario, two Pb-Zn mines in Mongolia and quartz pebble conglomerate from the Elliot Lake Uranium Mine, Ontario.

Samples from the MMR collection are also incorporated into our displays and public information initiatives used in our workshops around the province.

## OTHER INITIATIVES

**WEBSITE:** The MMR website was migrated to the Geological Survey web page on the main provincial government server in 2004, although the MMR Management Committee remains responsible for the content of the site. Improvements to the website ensure timely updates are made and have improved our service to our clients in rural Newfoundland and Labrador. As part of our website development, we have added an "Exploration Highlights" page, focusing on companies actively exploring in the province. This page is compiled in conjunction with the Geological Survey and is updated every month.

Geological Survey

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Choose a topic...

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- [Operating Mines](#)
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- [Quarry Rights](#)

**Matty Mitchell  
Prospectors Resource Room**

This area contains information about and on services provided by the Matty Mitchell Prospectors Resource Room, a privately and publicly funded, drop-in, educational and professional development facility for prospectors and amateur rock and mineral collectors.

This site and its content is maintained by the Matty Mitchell Prospectors Resource Room committee.

**Disclaimer:**

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- o [About the Room](#)
- o [About Matty Mitchell](#)
- o [Prospector Assistance Programs](#)
- o [Prospector Information and Articles](#)
- o [Location and Contact Information](#)
- o [Properties for Option from Prospectors of Newfoundland and Labrador](#)
- o [Matty Mitchell Report 2005](#) (pdf - 1.3 mb)
- o [Review of Activities](#)
- o [Province Active Properties Map](#) (pdf) **new**
- o [Explore Newfoundland and Labrador Commodity Posters](#)
- o [Exploration Highlights](#)

**Matty Mitchell Prospectors Resources Room Partners:**



*MMPRR website*

**PROPERTY DATABASES:**

Work continues on assembling databases and applications for digital management and production of Properties for Option series and other posters. Master spreadsheets have been developed for properties available for option (and other prospects), and these are being integrated with Geological Survey databases where possible. An application has been developed to keep the database updated. Trial ArcMap or MapInfo templates have been developed to produce

wall-size maps, and the development of an interactive internet mapping page to view current properties for option is in progress.

## **PUBLIC AWARENESS INITIATIVES**

As in past years, the MMR continued to undertake public awareness initiatives to help promote prospecting and the possibilities of new economic development linked to the minerals industry. As in previous years, the MMR collaborated with the Chamber of Mineral Resources and the Geological Survey in displaying prospecting information at the Baie Verte Mining Conference and the Voisey's Bay and Beyond (Expo Labrador) Conference.

A single-sheet, two-sided color flyer reporting on our Activities for 2007 was developed late in the calendar year and circulated to our clients, as well as local zone boards, community councils and selected exploration companies across Canada.

The Resource Room continues to develop outreach initiatives to promote itself and its services to the public.

## **ACKNOWLEDGEMENT OF IN-KIND SUPPORT**

The MMR acknowledges the "in-kind" support it has received from the Geological Survey Division throughout 2007. The Geological Survey continued to supply a wide range of office support (e.g., communications, photocopy, clerical assistance) as well as extensive cartographic advice and support, including access to certain cartographic hardware and materials. The Survey's geoscientific input level remains significant, and includes one-on-one consultations, help with prospector posters, input into display material, provision of reference materials and other data, on-site support in the Resource Room and at conferences and trade shows. The amount of time that Survey staff devotes to the Resource Room varies throughout the year, typically peaking around Mineral Resources Review, Mineral Exploration Roundup and PDAC conferences. Two members of the Survey staff are ultimately responsible for day-to-day management of the Room and play a major role in seeing short- and long-term objectives are met. The Department of Natural Resources offers additional in-kind support in the form of office and storage space and network access.