

CORDILLERAN SECTION



GEOLOGICAL ASSOCIATION OF CANADA

Geological Association of Canada
Cordilleran Section

web: <http://www.sfu.ca/earth-sciences/gac/>
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NEWSLETTER – November, 2001

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PRESIDENT'S NOTE

Greetings! As you may be aware there has been a changing of the guard in the Section recently. Peter Mustard, who has served at the helm of the Section well and ably over the last several years is on sabbatical this year from his duties at SFU. Consequently he has taken this opportunity to pass the reigns on to others. Peter has accomplished a lot during his time with the Section. Among other things, he organized workshops, *Brown Bag Discussion Groups* and he has brought valuable publications into the Section. His energy, enthusiasm and easygoing style will be missed at Council meetings. Peter is still working behind the scenes for us and he has a comeback in a much waited for book: *Walking tour of building stone in Vancouver*.

It is encouraging to see the interest and support for the geosciences from local institutions.

Jim Ryan and Heather Sparks are our GSC reps. Stuart Sutherland and Ted Danner are our UBC faculty representatives. Brett Gilley of SFU has moved up to SFU Grad. Student Rep. and vice-president. Mark Mauthner of the Pacific Mineral Museum is managing our publications sales. And Jane Howe, consulting geologist, is our Treasurer. Keith Paterson, having recently completed his masters degree at UBC is also mineral industry rep.

There are several new people on council who I would like to introduce. Maggie Dittrick from the Vancouver office of the BCGS has joined us. As have Fionuala Devine and Laura Laurenzi - UBC and SFU student representatives respectively.

This year in addition to hosting Brown-Bag discussion groups at either of the BCYCM or GSC boardrooms we will be looking at a couple of geoscience themes and hopefully will be presenting short work shops or talks on some aspects of these.

Firstly, Geoscience and the Information age, is one theme that has rapidly developed in the last decade and is still evolving at a fast pace. There are certainly a number of topics that can be examined in this area. For example, digital field data acquisition could provide efficiency enhancing techniques to add to geologist's toolbox. This and other aspects of this theme will be looked at in view of future short courses.

Secondly, the theme of natural hazards in the Cordillera is a broader geoscience topic that will be examined by the Section.

Thanks to GSC Pacific Division (Vancouver) for mailing assistance

The mineral industry is still undergoing considerable consolidation. There are ongoing attempts to revive and modify flow-through financing in order to make funds more readily available to exploration Companies. The CDNX is attempting to update rules to enable easier financing for junior companies. These efforts often seem too little and too late. The current backdrop to all this - low commodity prices and weak global economies - provides a foreboding outlook for explorationists. Commodity consumers have such a range of materials to choose from. The competitive pressures on manufacturers cause them to be very sensitive to price increases. In the near term, it would seem that only modest increases in commodity prices are about the best one can hope for. Low inflation, or as some would have us believe deflation, does not provide a rosy outlook for increases in commodity prices either. War efforts in some parts of the world are consuming materials at a rate that I'm sure will cause cynical explorationists to sigh with relief. Lets hope that world leaders have the stuff to move us on from this and into a period where commodities will be more readily available for peaceful purposes.

It is very hard to predict with any degree of certainty when change will come about. However with the ever-increasing pace of change, as the technology industries demonstrate, it would seem probable that change will come sooner than late. So in this respect we can only hope that the spring brings renewed vigour to exploration! In the meantime the reprieve from the rigors of the past summer's fieldwork can be taken to hone one's skills. We are glad to see that the MEG and B.C. & Yukon Chamber of Mines are providing workshops and short courses to meet these needs.

Geoscience in general is enjoying considerable success in understanding earth processes and in finding new problems to tackle. One area that the Cordilleran Section is proud to be able to contribute is in recognizing eminent

Canadian Geoscientists who have contributed to the understanding of Cordilleran geology. By nominating these individuals for GAC awards and medals it is hoped that the contributions these individuals have made are recognized in the broader geoscience community.

While we are working away trying to come up with ideas for things to do that may be of interest to the local geoscience community, we are always interested to hear your thoughts on things that you feel should be looked at. At times, our volunteers are swamped with their own workloads, but there is always the opportunity to get support from us for interesting geoscience endeavours. So we would welcome those who come forward!

- Carl Verley

GAC LOGAN MEDAL NOMINATION: Dr. Jim Monger

The GAC Cordilleran Section is co-ordinating the nomination of Dr Jim Monger (GSC Vancouver, emeritus scientist) for the GAC Logan Medal. The formal nomination is being co-ordinated by Peter Mustard, Cord. Section Past-President and SFU Earth Sciences Associate Professor, and Dr's Jim Roddick and Hu Gabrielse, both emeritus scientists of the Geological Survey of Canada.

The Logan Medal is the highest award bestowed by the Geological Association of Canada. It is awarded to an individual who has made outstanding contributions to the geoscientific knowledge of Canada. Our nomination committee is confident Jim merits this award, based on his long record of research dedicated to the understanding of the Canadian Cordillera, and also on the outstanding role he has played as a mentor to many students and scientists.

We are preparing the formal nomination papers and other materials, which are due to the GAC President by Dec 30th. I am inviting you to consider contributing a letter of endorsement as part of this nomination. Letters of endorsement are not required for the nomination, but are "gratefully received". Obviously letters from a diverse group of Cordilleran researchers who are familiar with Jim's research and/or personal qualities will strengthen our nomination.

If you would like to add your endorsement to this nomination, you can do so in one of the following ways:

1) send a letter directly to Peter Mustard before Dec 27th. If the letter is sent by post, it must be mailed by Dec 15th to guarantee prompt arrival during the busy Christmas season. Alternatively, the letters can be faxed or emailed. However sending them as email attachments will of course lack your signature unless you can digitally attach it. Your letter will then be included with the nomination package, which will be couriered to the GAC President on Dec 28th. Peter's address is:

Dr. P.S. Mustard
Dept. Earth Sciences
Simon Fraser University
Burnaby, B.C. V5A 1S6
Email: pmustard@sfu.ca
Fax: 604 291 4198

2) send a letter directly to the GAC President (he has been informed to expect letters prior to receiving the formal nomination). He is:

Stephen Morison, Gartner Lee Limited,
1170-840, 7th Avenue SE, Calgary,
Alberta T2P 3G2
Email: smorison@gartnerlee.com
Fax: 403 250-5330

LOST LINKS

Has your favourite website discontinued providing links to other geo-websites? Try this site: http://www.nrcan.gc.ca/gsc/connections_e.html

BCGS Under Siege!

Many of you are aware of the proposed cuts that the Provincial Government intends to make to reduce the size of its civil service by one third. These cuts will affect the B.C. Geological Survey and have an impact on the level of service that it can provide to you, its clientele, in terms of data maintenance and mapping initiatives among other things. The Section has written to the Premier regarding these cut backs and we urge you to write your MLA and the Premier to express your concerns over these cut backs and the effects they will have on your ability to work in B.C., maintain an up-to-date inventory of our mineral assets and attract business investment.

SUMMER STUDENTS 2002

Are you intending to hire students to work as junior or senior geological assistants for the upcoming summer? Whether in mineral exploration, environmental geoscience or any other "earth science" discipline, in the office or in the field, there are competent, intelligent and keen undergraduate students who are seeking experience in your area of interest. Please send your ads to all of the following departments so that they can be posted for the students to.

Earth Sciences - Simon Fraser University	
8888 University Drive	
Burnaby, B.C.	phone: (604) 291-5387
V5A 1S6	fax: (604) 291-4198
Earth and Ocean Sciences - University of Victoria	
P.O. Box 3055	
Victoria, B.C.	phone (250) 721-6120
V8W 3P6	fax (250) 721-2000

Earth & Ocean Sciences - University of British Columbia
6339 Stores Road
Vancouver, B.C. phone (604) 822-2449
V6T 1Z4 fax (604) 822-6088

Brown Bag Discussion Group lunch hour meetings – Winter/Spring, 2001

- November 13, 2001: Morgan Poliquin: *Mexico - an Exploration Update*
B.C. & Yukon Chamber of Mines Boardroom – 840 W. Hastings Street
- December 5, 2001: James Laird: *Gemstones of B.C. - the next Bonanza!*
B.C. & Yukon Chamber of Mines Boardroom – 840 W. Hastings Street
- January 15, 2002: Keith Patterson: *Geological Controls on Zn-Pb-Ag Mineralization at the Nanisivik MVT Deposit and Exploration Potential of the Borden Basin, Baffin Island, Nunavut* GSC Boardroom, 1500 - 605 Robson Street
- March 5, 2002: Dick Tosdal - Topic TBA
GSC Boardroom - 605 Robson Street

Other outside events of interest – Winter/Spring, 2001/2002

- November 17th to 20th, 2001: Yukon Geoscience Form
www.ycmines.ca
- November 21 to 23, 2001: Yellowknife Geoscience Form
www.miningnorth.com or tel: (867)873-5281/(867)920-2145
- November 23, 2001:
BCGS: MapPlace Workshop, SFU Downtown Campus, Vancouver
- November 28, 2001: MEG talk: Charlie Forster, Ivanhoe Mines Ltd. Turquoise Hill Project -- Mongolia
- November 29, 2001: GSC noon hour talks (GSC boardroom 1500 - 506 Robson St.)
Sonia Talwar, Murray Journey, Marianne Quat & Joost ?, topic is: "work at UBC with the Sustainable Development Research Institute, work on bedrock geology datasets for online access, and options for making geoscience used by a wide audience of users"
- December 3 - 7, 2001
Northwest Mining Association 107th Annual Convention, Spokane, WA, USA
- December 11, 2001
MEG/BCYCM Short Course: Exploration in the Third Millennium: Upgrading Your Toolbox with New Technologies

December 12, 2001: MEG talk: Wendell Zerb, Pacific International Securities Ltd.
North American Pt/Pd Update -- North America

January 9, 2002: MEG talk: Randy Reifel, Francisco Gold Corp., Marlin Project --
Guatemala

January 20-21, 2002, Sunday-Monday

MDRU Short Course: Environments of platinum-group element deposits

Contact: Dick Tosdal or Karie Smith at mdru@eos.ubc.ca or 604-822-6136

January 21, 2001: Mineral Deposits of Asia: BCYCM short course

January 21, 2001: Diamond short Course: BCYCM short course

January 22-25, 2002: Cordilleran Round-Up, Vancouver, B.C.

www.bc-mining-house.com/roundupoverview.htm

February 6, 2002: MEG talk: Art Troup, Sultan Minerals Inc., Kena Project, British Columbia

February 20, 2002: MEG talk: Richard J. Hall: Metallica Resources Inc., El Morro
Project -- Chile

February 28, 2002: Dr. Marcello Veiga (UBC): Mining with Communities: The Social
and Environmental Aspects of Mining: Vancouver Natural History Society, 7:30
pm, Auditorium, Vancouver Museum

March 6, 2002: MEG talk: Udo von Doehren, North American Tungsten Corp. Ltd.,
Cantung Mactung Project --NWT

March 10 - 13, 2002: PDAC 2002: International Tradeshow & Investors Exchange,
Toronto, Ont. www.pdac.ca/pdac/conv/index.html

April 28 - May 1, 2002: CIM Annual Conference, Vancouver.



CORDILLERAN EXPLORATION ROUNDUP 2002



**FAIRMONT HOTEL VANCOUVER & FOUR SEASONS HOTEL
VANCOUVER, CANADA
JANUARY 22 - 25, 2002**

For more information see the Roundup website at: <http://www.bc-mining-house.com/rdup2002/welcome.htm>

VANCOUVER 2003

JOINT GAC-MAC-SEG ANNUAL CONFERENCE

It's coming soon: May 26 - 28, 2003

Watch this space and check out our website for more information on this important and very exciting event!

GAC CORDILLERAN SECTION 2001-2002 EXECUTIVE

	Name	Affiliation	Phone	Fax	Email
President	Carl Verley	Amerlin Exploration Services Ltd.	604.821.1088	604.821.1088	cverley@telus.net
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Secretary	Vacant				
Treasurer	Jane Howe	Consulting Geologist	604.951.1930	604.951.1931	jmhowe@uniserve.com
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	Laura Laurenzi	SFU Earth Sciences			Laura_Laurenzi@sfu.ca
	James Ryan	Geological Survey of Canada	604.666-7756	604.666.1124	jryan@NRCan.gc.ca
	Heather Sparks	Geological Survey of Canada	604.666.9774	604.666.1124	hsparks@NRCan.gc.ca
	Stuart Sutherland	UBC Earth & Ocean Sciences	604.822.0176	604.822.6088	ssutherland@eos.ubc.ca

GAC Cordilleran Section Publications

Revised Field trip guidebooks produced by the GAC Cordilleran Section for field trips offered during the April, 2000 annual meeting of the Geological Society of America, Cordilleran Section in Vancouver are selling well. These books can be bought directly from us by using the enclosed order form, or by printing a copy of the order form from our website (<http://www.sfu.ca/earth-sciences/gac/>). Note we provide a \$10 discount to GAC Cordilleran Section members on the price of the guidebooks. If you are not a member, but send in a membership form with your order, we will apply the discount price to your book order at that time - a great deal!! (if you order both books and also join, you actually save more than the price of membership!). Check our website for other great deals on publications!

Guidebooks

A transect of the southern Canadian Cordillera: Vancouver to Calgary

authors: R.A. (Ray) Price and J.W.H. (Jim) Monger

A totally updated version of the ultimate guide to the southern Cordillera, by the two "world-class" experts on Cordilleran tectonics and evolution. Dense with figures (many new) and comprehensive references, this is an invaluable resource for any geologist working in the Canadian Cordillera.

Guidebook for geological field trips in southwestern British Columbia and northern Washington

Edited by: G.J. Woodsworth, L.E. Jackson, Jr., J.L. Nelson, and B.C. Ward

A collection of eight field trips guides for trips through southwest and south-central B.C. and northwest Washington.

Guidebook Order Form

A transect of the southern Canadian Cordillera: Vancouver to Calgary

GAC Cordilleran Section member price = \$30 _____

non-member price = \$40 _____

number of copies _____

subtotal _____

Guidebook for geological field trips in southwestern British Columbia and northern Washington

GAC Cordilleran Section member price = \$30 _____

non-member price = \$40 _____

number of copies _____

subtotal _____

total _____

add 7% GST _____

add \$3 shipping and handling _____

Total Cost: _____

Payment: send a cheque payable to: **Cordilleran Section - GAC** *or* charge to your Visa credit card:

VISA # _____ Expiry Date: _____ Signature: _____

Receipts issued only upon request. GST #R108078569 Mail completed form with payment to:

**P.O. Box 398, Station A Bentall Centre,
Vancouver B.C., Canada V6C 2N2**

Dear Member

CORDILLERAN SECTION



GEOLOGICAL ASSOCIATION OF CANADA

Membership in the Geological Association of Canada Cordilleran Section is not automatic when you renew your GAC national membership every year. Many of our members chose to join our section without being members of the national GAC. If you haven't been a

member for several years, why not rejoin (and update your address information if it has changed). Here are just some of the things the Cordilleran Section has been involved in recently:

- **Short Courses:** We usually put on at least one or two short courses every winter. In the recent past topics have included: **Cordilleran Tectonics and Mineral Deposit, Yukon-Tanana and Nechako Geology, Introductory Geospanish, Internet for Geoscientists, Mining the Internet, Advanced Geospanish and Quality Control Strategies In The Estimation And Classification Of Mineral Inventories**
- **Publications:** We sell GAC publications relevant to Cordilleran Members at local conferences. We also have produced a few of our own publications, including the popular Vancouver Geology. Our latest publications are two sets of Field Trip Guidebooks produced for the April 2000 GSA Cordilleran Section meeting held here in Vancouver (see information in this newsletter).
- **Talks:** We have informal lunch time Brown Bag Discussion series once a month or so from September to April. In addition we commonly host or co-host the local talks of lecture tours by GAC medals or other speakers.
- **National GAC liason:** We provide a local group that advises and works with the national Geological Association of Canada on issues of interest to the entire geoscience community. Recently we have been involved in issues such as Field Trip Safety and national registration of geoscientists and have also nominated people for GAC medals.

Please Renew!!

2002 MEMBERSHIP FORM

CORDILLERAN SECTION



GEOLOGICAL ASSOCIATION OF CANADA

Cordilleran Section - Geological Association of Canada

Mail completed form to:
P.O. Box 398, Station A Bentall Centre, Vancouver B.C., Canada V6C 2N2

Renewal *New member*

Name: _____ Company/Affiliation: _____
 Street: _____
 City: _____
 Province/State: _____ Postal/Zip: _____
 E-Mail: _____
 Phone: _____
 Office: (____) _____ Home: (____) _____ FAX: (____) _____

<input type="checkbox"/> Member without Web Access (\$15.00)	<input type="checkbox"/> Member with Web access* (\$12.00)	<input type="checkbox"/> Student/Senior: (\$ 7.00)	\$ _____
		Please Include 7% GST	\$ _____
		TOTAL ENCLOSED	\$ _____

* Denotes members who choose to access Section newsletters through our web page.
Current e-mail address must be provided.

Cheque payable to: Cordilleran Section - GAC

or

VISA # _____ **Expiry Date:** _____ **Signature:** _____

Receipts issued only upon request. GST #R108078569