

The Canadian Geotechnical Society

**La Société canadienne de
géotechnique**



2008

Annual Report / Rapport annuel

Sections/Chapters

SECTION REPORTS

CGS Sections – Final Summary Report - July 1, 2007 to June 30, 2008
Compiled by: Siva Sivathayalan
Representing the Sections on the Executive Committee

Annual Reports for 2007-2008 have been submitted by 19 local sections of the CGS. Most local sections have reported being active during the year. Local sections have provided membership access to technical presentations, and special events such as the Cross-Canada Lecture Tour, Student Forums and social activities. A total of 91 technical presentations and 6 workshops or short courses have been reported during the period covered by these reports.

Further information regarding the local programming is provided in the Final Reports prepared by each of the Section Directors and attached in the following pages. *(Please note that Section Reports are grouped by regions from West to East.)*

Region	Section	Number of Events		Total Events
		Technical Presentations	Workshops/ Short Courses	
Atlantic	New Brunswick	1		1
	Halifax, Nova Scotia	4		4
	St. John's	1		1
Eastern Quebec	Quebec city	7		7
Western Quebec	Montreal	6	1	7
Northern and Eastern Ontario	Kingston	3 ¹		3
	Ottawa	9	1	10
	Thunder Bay	2		2
Southern Ontario	London	6 ²		6
	Sudbury	2		2
	Toronto	7	1	8
Manitoba	Winnipeg	6		6
Saskatchewan	Regina	2		2
	Saskatoon	5		5
Southern Alberta	Calgary	7	1 ³	8
Northern Alberta	Edmonton	8	1	9
	Fort McMurray	NA		
British Columbia	Prince George	1		1
	Vancouver	7	1	8
	Victoria	7		7
Total		91	6	97

¹ Weekly to Bi-weekly student/Guest presentations reported as one event. cYGEGC not counted

² Joint CGS/CSCE group. Includes non-geotechnical events as well

³ Workshop held on April 25, 2008

Vancouver Section - Mustapha Zergoun, Director
Report of Activities from July 1, 2007 to June 30, 2008

Introduction

This annual report is a summary of the activities of the Vancouver Geotechnical Society (VGS), a local section of the Canadian Geotechnical Society (CGS), for the period July 1, to June 30, 2008. This local CGS Section has a very active membership from the Greater Vancouver area.

Executive Committee

The 2007-2008 executive committee of the Vancouver Geotechnical Group consists of the following members:

Chair:	John Richmond, Golder Associates Ltd.
Past-Chair:	Mahmoud Elbanna, Conetec Investigations Ltd.
Program Director:	Stuart Hrysio, Trow Associates Inc.
Secretary:	David Regehr, Thurber Engineering Ltd.
Treasurer:	Marc Bosse, Trow Associates Inc.
Registrar:	Chris Williams, Golder Associates Ltd
Web Manager:	John Richmond, Golder Associates Ltd.
CGS Director:	Mustapha Zergoun, Thurber Engineering Ltd.

Activities

The VGS executive committee meets approximately once a month to organize technical presentations and social events, and to review issues relevant to the society membership. Generally, the executive meetings take place immediately before each monthly technical presentation. About 70 to 90 people attend each technical presentation. The Executive also maintains regular ties with other geotechnical groups in British Columbia and Washington State. Notices of upcoming events held by other similar local organizations are distributed to all VGS members in addition to notices of VGS events.

Membership Information

The Vancouver Geotechnical Society currently has 156 paid members and 12 life members.

Meetings

The 2007-2008 meetings held to date were as follows:

September 19, 2007

“Geotechnical Design Guidelines for Buildings on Liquefiable Sites in Accordance with the 2005 National Building Code for Greater Vancouver Region - 2007 Task Force Report” by Don Anderson, Peter Byrne, Ernest Naesgaard, Dharma Wijewickrama et al.

November 01, 2007

“Simplified Procedures for Estimating Earthquake-Induced Deviatoric Slope Displacements” by Jonathan D. Bray

November 13, 2007

“Engineered Soils: Different Products for Different Applications” by Gregory E. Halsted

December 07, 2007

“Critical State Soil Mechanics for Dummies” 2007 Fall Cross Canada Lecture Tour by Paul W. Mayne

January 22, 2008

“SPT-LPT Correlation with Consideration of Grain Size Effects” by Chris R. Daniel

February 27, 2008

"Assessment of the Liquefaction Susceptibility of Fine-grained Soils" by Rodolfo Sancio

April 29, 2008

"Measurement Techniques and Prediction Tools for the Unsaturated Hydraulic Properties of Stiff and Compressible Materials" 2008 Spring Cross Canada Lecture Tour by Michel Aubertin

May 30, 2008

18th One-day Symposium: "Risk and Liability in Geotechnical Engineering"

Keynote Address: "Risk Assessment and Public Policy: The Other Side of the Wall" by Steven Vick

Financial Status

The VGS's operating budget is primarily funded by event corporate sponsorships and profits from symposia, technical short courses and conferences. Currently the VGS balance is approximately \$69,000 of which \$50,000 is currently invested in a business savings account with the remainder to be used for regular operations.

Additional Information

The VGS donated \$5,000 to the Canadian Foundation for Geotechnique in support of the CFFG National Graduate Scholarship initiative.

The 2008 VGS Award, which recognizes members of the VGS for their significant contribution to the Vancouver Geotechnical Community, was presented at the 18th One-Day symposium to Peter Lighthall.

A VGS committee has provided input, as requested by the BC Ministry of Environment, towards a new Groundwater Protection Regulation in BC.

<p style="text-align: center;"><i>Vancouver Island Geotechnical Group - Jay McIntyre, Chair</i> <i>Report of Activities from July 1, 2007 to June 30, 2008</i></p>
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Introduction

This report summarizes the activities of the Vancouver Island Geotechnical Group (VIGG) of the Canadian Geotechnical Society for the period from July 1, 2007 to June 30, 2008. The group has active members across southern Vancouver Island with occasional visitors from central Vancouver Island.

Executive Committee

The 2007-2008 executive committee of the Vancouver Island Geotechnical Group consists of the following members:

Chair / Secretary:	Jay McIntyre, Thurber Engineering Ltd.
Vice Chair / Treasurer:	Sarah Morse, Golder Associates Ltd.
Member:	Richard Brimmell, P.Eng.
Past Chair:	Stephen Bean, Thurber Engineering Ltd.
Groundwater Rep:	Mike Wei, Ministry of Water, Land & Air Protection

Membership and Sponsorship

Of the regular attendees, it is believed that about 15 to 20 are CGS members. The remaining attendees are comprised of non-geotechnical professionals (hydrogeologists, geophysicists, etc.) and retired engineers.

Meetings

As in past years, the Vancouver Island Geotechnical Group conducted its meetings in a luncheon format. A total of 5 luncheons have been held during the subject period, with guest speakers and topics as

indicated in Table 1 below. We have continued to try to provide attendees with a wide variety of topics. Attendance varied between 19 and 26, with the maximum attendance at the December meeting.

Financial Status

The 2006-2007 year end financial balance of the VIGG was \$1,812. Generally a slight profit is made on the luncheons; however, we provided honorariums for 2 speakers this year. Our year-end balance is \$1,629 (see attached financial statement).

Date	Speaker	Attendance	Topic
19-Oct-07	Dr. Graham Taylor, P.Eng.	22	Site Response Analysis For Seismic Upgrading Of BC's Schools
7-Dec-07	Dr. Paul Mayne (CCLT)	26	Foundation Analysis by Seismic Piezocone Tests
18-Jan-08	Mike Wei, P.Eng.	23	A simplified system of categorizing aquifers in the Canadian Cordillera Hydrogeologic Region
15-Feb-08	Roger Woodhead, P.Eng.	19	The Canada Line Project – An Update
16-Mar-08	Dr. Garry Rogers, Sr. Research Scientist, GSC	19	Episodic Tremor and Slip (ETS) – A newly discovered phenomena will help to quantify earthquake hazard on the west coast
18-Apr-08	William Jolley, ASCT, Dam Safety Section Head, MoE	18	The history of dams in BC (including notable incidents, failures and removals); the BC Dam Safety Regulations and what we can expect in the future
16-May-08	Karen Martin, Partner Bull, Housser & Tupper, Vancouver, B.C.	16	Identifying and Avoiding Liability in Geotechnical Practice

TABLE 1 - 2007/2008 VIGG SPEAKERS

***Prince George Section - Nick C. Polysou, Director
Report of Activities from July 1, 2007 to June 30, 2008***

Introduction

The local Prince George group began in mid 1990's as an initiative to get better local value out of CGS membership and as a continuing professional development opportunity without having to incur significant travel costs to larger urban centers. The initiative was supported strongly by the VGS and CGS western director at the time. The Prince George area currently has over 25 practicing geotechnical engineers and geoscientists, most of whom are CGS members. Activities are strongly supported with an approximately 80 to 90 % attendance rate.

Executive Committee

- Chair/Director Nick C. Polysou, P.Eng.
 AMEC Earth & Environmental; nick.polysou@amec.com; 250-564-3243
- Vice-Chair Heidi Evensen, P.Eng.
 Ministry of Transportation; heidi.evensen@gov.bc.ca; 250-565-6681
- Program Director Dave McDougall, P.Eng.
 Geonorth Engineering; dmcdougall@geonorth.ca; 250-564-4304

Treasurer Doug Dewar, P.Eng.
Spectra Energy; dldewar@spectraenergy.com; 250-960-2055

Activities

Events are usually informal lunch presentations, self supported, with non-CGS members charged slightly more to attend. The last year was fairly quiet from a formal activity perspective as most members were extremely busy on major project geotechnical work and had little spare time. Prince George was passed over for both the 2007 spring and fall Cross Canada Lecture Tours despite expressing strong early interest in hosting; however we extremely pleased to host a spring CCLT session by Dr. Aubertin. During 2007-08 local executive members also spent some additional effort promoting CGS membership to local geotechnical engineers and others in the north-central British Columbia region.

Financial Status

Prince George group activities are entirely self-funded. Additional financial sponsorship comes from Geonorth Engineering Ltd., Atlantic Industries Ltd., and AMEC Earth & Environmental. We have a bank account balance of about \$600.

<i>Northern Alberta, N.W.T. Yukon - David Caughill, Director Report of Activities from July 1, 2007 to June 30, 2008</i>

Introduction

The Geotechnical Society of Edmonton (GSE) started the 2007-08 year with its Annual Wine and Cheese Reception with the University of Alberta students.

The GSE continues to be a vibrant and dynamic organization. Numerous members attended the various activities organized this past year whereas others volunteered to fill positions on the GSE executive or the newly formed Canadian Geotechnical Conference 2008 organizing committee.

GSE Executive Committee

The 2007-2008 executive committee of the Geotechnical Society of Edmonton consisted of the following members:

Past President & 2008 Conf. Co-chair:	Roger Skirrow, Alberta Transportation & Infrastructure
President:	Renato Clementino, Thurber Engineering
Vice-President:	Kevin Biggar, BGC Engineering
Treasurer:	Karen Jardine, Strathcona Environmental Coordination Services Inc.
Program Chairman:	Sean Birch, AMEC Earth & Environmental
Secretary:	Changa Mettananda, AMEC Earth & Environmental
Registrar:	Don Lewycky, City of Edmonton
U of A representative:	Robert Donahue, University of Alberta
NAIT representative:	John Percival, Northern Alberta Institute of Technology
Web Master:	Santiago Paz, University of Alberta student
CGS Representative:	David Caughill, Golder Associates Ltd.
Member-at-large:	Ljubo Bijeljanin, UMA AECOM
Member-at-large:	Murray Innes, Mobile Augers
Member-at-large:	Aaron Sneddon, EBA

Activities hosted and/or organized by the Geotechnical Society of Edmonton were as follows:

Date	Activity	Presenter
September 27, 2007	Evening Wine & Cheese Reception: University of Alberta Student presentations Approaches to Achieve Non-Segregating Tailings with Higher Solids Content Behaviour of Spilled Petroleum Hydrocarbon at Colomac Mine Site, NWT	Reza Moussavi Nik, PhD Candidate Olumide Iwakun, Ph.D. Candidate
November 14, 2007	Geotechnical Engineering for the Kicking Horse Canyon Project	Terry Coulter, M.Sc., P.Eng.
December 6, 2007	Cross-Canada Lecture Tour: Lunch: Integrated Ground Behavior: In-Situ and Laboratory Testing Dinner: Critical State Soil Mechanics for Dummies	Dr. Paul Mayne, PhD, P.E. Georgia Institute of Technology.
January 28, 2008	Pile Inspectors Short Course for Driven Piles (1 day course) (hosted by the GSE and Pile Driving Contractors Association)	Mike Justason of Bermingham Pat Hannigan of GRL
January 29, 2008	Lunch Presentation: Statmanic Pile Load Testing	Mike Justason of Bermingham
February 27, 2008	Lunch Presentation: Limit States Design in Geotechnical Engineering	Dr. Dennis Becker, Ph.D, P.Eng., Golder Associates Ltd.
April 30, 2008	Cross-Canada Lecture Tour: Alternative Disposal Techniques for Reactive Mine Wastes to Better Control Environmental Impacts	Dr. Michel Aubertin, École Polytechnique de Montréal
June 4, 2008	Annual General Meeting Dinner Presentation : Earthquake Hazards in Alberta	Scott Martens, Klohn Crippen Berger

Membership and Corporate Sponsorship

As of March 31, 2008, the Section had 170 regular, 13 students, 5 retiree and 19 GSE Award Winners (lifetime award) for a total of approximately 207 members.

Meetings

The GSE executive held regular monthly meetings throughout the year in order to review the financial status of the GSE, progress on the technical program, as well as exchange information with representatives from the University of Alberta and NAIT.

Financial status

The financial status of the GSE remains in excellent condition.

<p><i>Southern Alberta Region - Brad Ellingwood, Director Report of Activities from July 1, 2007 to June 30, 2008</i></p>
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Introduction

This region consists of one group based in Calgary, but services other surrounding municipalities and those in southern Alberta.

Membership numbers in the Southern Alberta region remain strong with over 180 members, with approximately 60 % of those paid to date. It is anticipated that the membership in Alberta will continue to grow along side of our population.

Executive Committee

The 2007-2008 executive committee of the Calgary Geotechnical Group consists of the following members:

Co-Chair:	Blaine Penny	Worley Parson
Co-Chair:	Simon Kenyon	Thuber Engineering
Past Chair:	Marcia MacLellan	Klohn Crippen Berger
Treasurer:	Justyna Kos	Klohn Crippen Berger
Venue Coordinator:	Angela Beattie	Golder Associates
Announcements:	Marcia MacLellan	Klohn Crippen Berger
Webmaster:	Marcia MacLellan	Klohn Crippen Berger
Student Rep.:	Sedantha Weerako	University of Calgary
Southern AB Rep.:	Brad Ellingwood	E2K Engineering
Member At Large:	Catherine Fear	AMEC
Member At Large:	Frank Magdich	Oak Environmental
Member At Large:	Rod Kostaschuk	AMEC
Member At Large:	Tyler Lappin	Klohn Crippen Berger

The 2007–2008 calendar was a very successful and active year for the Calgary Geotechnical Group. Unprecedented growth in the both the natural resources and development sectors of our economy have sparked a new found interest by CGS members to present and interact with their peers to exchange and obtain technological advances occurring in our engineering profession. The group was successful in organizing quality monthly technical presentations with the exception of December 2007 to February 2008, when due to inclement weather and last minute scheduling conflicts, no lectures were presented.

A summary of the activities for this region from Fall 2007 until present is provided below.

September 26, 2007	Ms. Asanda Nanayakkara, University of Calgary, Alberta Winner of the Calgary Geotechnical Society's 2007 Student Travel Award Surface and Subsurface Deformation Modelling of Subsurface Fluid Injection Operations
October 18, 2007	Mr. Ian Morley, City of Calgary and Mr. Henry Crawford, Thurber Engineering Glencoe Stormwater Tunnel
November 22, 2007	Gerry Stephenson, Independent Mining Consultant, Founder of Norwest Corp. Coal Dust in the Blood - Mines and Miners in Canmore and around the World
March 4, 2008	Bengt Fellenius, Bengt Fellenius Consultants Foundation Design and Test Results for the New International Airport in Bangkok, Thailand
April 15, 2008	Jason Luty, Nilex Inc., Calgary Glenmore-Elbow Project (GE5) Retaining Walls
April 25, 2008	Instrumentation Workshop - 140 attendees
April 30, 2008	2008 Spring CCLT - Dr. Michel Aubertin, CGS President Elect, École Polytechnique de Montréal The use of laboratory and field techniques with unsaturated flow modelling to assess coarse grained material behaviour: Application to waste rock piles

May 15, 2008

Annual General Meeting, Presentation by Dr. Robert Holtz on
"The use of laboratory and field techniques with unsaturated flow
modelling to assess coarse grained material behaviour: Application to
waste rock piles"

Financial Status

The Southern Alberta Region is currently in a very healthy financial position with a surplus of about \$14,000 in our account. This healthy balance is primarily due to the success of our 1 day instrumentation conference. In 2007-08 corporate sponsorships were requested by the local CGS branch with over \$2,800 received.

Executive Committee

The executive committee is expected to change during the summer break. This will allow for new volunteers an opportunity to provide valuable perspectives for the upcoming year. The 2008-2009 executive committee of the Calgary Geotechnical Group will consist of the following members:

Co-Chair:	Simon Kenyon	Thurber Engineering
Co-Chair:	Justyna Kos	Klohn Crippen Berger
Past Chair:	Blaine Penny	Worley Parsons
Treasurer:	Pierre Lavasseur	Worley Parsons
Venue Coordinator:	Tyler Lappin	Klohn Crippen Berger
Announcements/Web:	Marcia MacLellan	Klohn Crippen Berger
Student Rep.:	Carlos Ordonez	University of Calgary
Southern AB Rep.:	Brad Ellingwood	E2K Engineering
Member At Large:	Catherine Fear	AMEC
Member At Large:	Frank Magdich	Oak Environmental
Member At Large:	Sidantha Weerakone	AMEC
Member At Large:	Angela Beattie	Golder Associates

The Calgary CGS executive and Local Organizing Committee is currently preparing the initial tasks to establishing the foundation to a very successful and entertaining 2010 Canadian Geotechnical Conference.

Regina Section – Regina Geotechnical Group - Steven Harty, Director Report of Activities from July 1, 2007 to June 30, 2008

Introduction

This report is a summary of the activities of the Regina Geotechnical Group of the Canadian Geotechnical Society, for the period from July 1, 2007 to June 30, 2008.

Executive Committee

The 2007-2008 Executive Committee of the Regina Geotechnical Group consists of the following members:

Steve Harty, P. Eng.	Chair	GE Ground Engineering Ltd.
Allen Kelly, P. Eng.	Program Director	Clifton Associates Ltd.
George Antunes, P. Eng.	Program Director	MDH Engineered Solutions Ltd.
Paul Walsh, P. Eng.	Secretary Treasurer	GE Ground Engineering Ltd.

Membership

The Regina Geotechnical Group currently has 25+ members.

Meetings

The Regina Geotechnical Group held the following 2 luncheon seminars this past year:

May 1, 2008 Akira Watanabe Upper Qu'Appelle River Conveyance Improvem Project

Financial status

The Regina Geotechnical Group continues to be in a healthy financial position due to proceeds from the 1999 national conference.

Additional Information

The Regina Geotechnical Group provides the University of Regina with an annual \$500.00 scholarship and the SIAST Palliser Institute in Moose Jaw with a \$100.00 book award. The Regina Geotechnical Group also provides sponsorship donations to various local academic functions.

<p style="text-align: center;">Saskatoon Section – Saskatoon Geotechnical Group Andrew Karvonen, President Report of Activities from July 1, 2007 to June 30, 2008</p>

Introduction

This report is a summary of the activities of the Saskatoon Geotechnical Group of the Canadian Geotechnical Society, for the period from July 1, 2007 to 31 June 2008.

Executive Committee

Past President	Andrew Karvonen, MDH Engineered Solutions
President	Andrew Karvonen, MDH Engineered Solutions
Vice President	Bryce Reiter, Wosley Parsons Komex
Program Director	Dave Christiansen, O'Kane Consulting
Secretary-Treasurer	Dave Christiansen, O'Kane Consulting
Director-at-Large	Vacant
U of S Liaison	Jitendra Sharma, University of Saskatchewan

Membership

The SGG has averaged 50 paid members annually. To date for the 2007-2008 year we have 16 paid members. Annual membership dues are \$30.00. We expect similar numbers of paid members as in previous years.

Meetings

Mine – The field experience and insights from the laboratory

November 29, 2007 – Abe Springer - *Complex, Diverse, and Abused: A Comprehensive Overview of Springs Ecosystems*

February 6, 2008 – Derek Stevens, Patrick Schmidt - *Rapid-Stabilization Project at the COS Spadina Landfill*

April 3, 2008 – U of S Civil & Geological Engineering –
Title: Well Pattern Design for Geological Storage of CO₂ in a Saline Aquifer for the German and Saleski Projects
Title: Owl River: Landfill Decommissioning

May 1, 2008 – Michel Aubertin – *Cross-Canada Lecture Tour*

Financial status

The Saskatoon Geotechnical Group continues to be in a healthy financial position due to proceeds from the 1999 national conference. We presently have \$22,415.

<p>Manitoba Section - Marolo C. Alfaro, Director Report of Activities from July 1, 2007 to June 30, 2008</p>

Introduction

The Canadian Geotechnical Society (CGS) – Manitoba Section held four luncheon presentations in addition to hosting the Cross-Canada Lecture Tour in Fall 2007 and in Winter 2008. In addition to the technical presentations, social activities were being planned.

Executive Committee

The 2007-2008 Executive Committee consists of the following members:

<i>Section Director:</i>	Marolo Alfaro,	University of Manitoba
<i>Local Chairperson:</i>	Gil Robinson,	UMA-AECOM
<i>Technical Program Director:</i>	Neil Privat,	KGS Group
<i>Treasurer:</i>	Kent Bannister,	Manitoba Hydro
<i>Membership:</i>	Alena James,	University of Manitoba
<i>Secretary:</i>	Alex Beveridge	Golder Associates
<i>Social Program Director:</i>	Wing Keat Wong,	AMEC Earth and Environmental
<i>University Liaison:</i>	Kendall Thiessen,	University of Manitoba

Membership and Corporate Sponsorship Information

As of June 1, 2008, the Manitoba Section has 47 members. Based on this level of membership, the local Executive Committee has been contacting and reminding registered members last year to renew their membership. In addition, new membership registration drive is continuing.

Corporate sponsorship continued to be instrumental in supporting the activities of the Manitoba Section primarily related to the annual Atterberg Cup Golf Tournament and Short Courses. This corporate base has been solid for a number of years now.

List of Activities

The Manitoba Section held four technical presentations throughout this reporting period. In addition, it hosted the Cross-Canada Lecture Tour in Fall, 2007. The presentations are as follows:

October 16, 2007	Probabilistic slope stability analysis of cut slopes in glacio-lacustrine Lake Aggasiz clay Michael Van Helden, University of Manitoba Design of a full-scale test for evaluating rockfill column performance Mr. Kendall Thiessen, University of Manitoba
November 15, 2007	Pipe installations beneath flexible pavement: Pavement and pipe performance evaluation Dr. Dami Adedapo, KGS Group
December 5, 2007	In-situ calibrations for evaluating soil parameters (CCLT) Dr. Paul Mayne, Georgia Institute of Technology, USA
February 12, 2008	Sustainable long term closure and reclamation solutions at Manibridge mine site in Manitoba Dr. Caius Priscu, AMEC Earth and Environmental
April 10, 2008	Biogeochemical Precipitations in Leachate Transmission Pipes Stan Lozecznik, University of Manitoba
April 28, 2008	The use of laboratory and field techniques with unsaturated flow

modelling to assess coarse grained material behaviour:
Application to waste rock piles (CCLT)
Dr. Michel Aubertin, École Polytechnique de Montréal

Financial Status

The operating surplus is \$20,262.92. The Manitoba Section continued to subsidize luncheon presentations and social activities, provide financial assistance to students attending the annual CGS conference and contribute to established programs including the "Making Links Engineering Classic" Golf Tournament fundraising initiative between the APEGM and the University of Manitoba.

Additional Information

The CGS Manitoba Section was able to make a donation of \$2,500 to the Neil Burgess Memorial Scholarship Award in 2007-2008 year. This scholarship is awarded annually to a geotechnical graduate student at the University of Manitoba. This donation was due in large part to a generous donation from Paddock Drillers Ltd. and proceeds from the Atterberg Cup Golf Tournament.

The Manitoba Section is again sponsoring a student from the University of Manitoba to attend the 2008 Annual CGS conference. This year, it will also sponsor registration fee for a student to attend the Canadian Dam Association conference to be held in Winnipeg.

<p style="text-align: center;"><i>Thunder Bay Section - Bruce Kjartanson, Chair</i> <i>Report of Activities from July 1, 2007 to June 30, 2008</i></p>
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Introduction

This annual report is a summary of the activities of the Thunder Bay Section of the Canadian Geotechnical Society for the period from 01 July 2007 – 30 June 2008. The Thunder Bay Section is in a period of reorganization after a period of inactivity. Two organizational meetings and one presentation were held in this period; an executive committee for the section was established in the second meeting. The objectives of the Thunder Bay Section are to provide a forum for the exchange of technical information and ideas related to geotechnical engineering and the geosciences and to provide for enhanced interaction between Lakehead University and local professionals practicing geotechnical engineering and the geosciences.

Executive Committee

The executive committee of the Thunder Bay CGS Section currently consists of the following members:

Chair:	Dr. Bruce Kjartanson (Lakehead University)
Vice-Chair:	Dr. Myint Win Bo (DST Consulting Engineers)
Program/events Coordinator	Mr. Wesley Saunders (DST Consulting Engineers)
University/industry Liaison	Mr. Kevin Penney (Lakehead University/AMEC, St. John's)

Membership

The Thunder Bay Section currently has 11 paid members. In order to create synergism between the local professional practitioners and Lakehead University, the Thunder Bay CGS Section worked with the CSCE/ASCE Lakehead University Student Chapters in organizing the February 2008 presentation and will continue to do so in the future.

Meetings

September 5, 2007
Thunder Bay Section Organizational and Planning Meeting
Attendance: 5 people

February 6, 2008

Application of Geotechnical Engineering in the Construction Industry and Beyond

Dr. Myint Win Bo (DST Consulting Engineers)

Presentation co-sponsored by the Canadian Geotechnical Society Thunder Bay Section and the CSCE/ASCE Lakehead University Student Chapters

Attendance: ~30 people

Other Items to Report

The chair of the Thunder Bay Section was the chair of the CGS student competitions for 2006 and 2007.

<i>Kingston Section - Steven Rose, Director Report of Activities from July 1, 2007 to June 30, 2008</i>
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Local Executive.

The executive committee of the Kingston Section of the CGS comprises the following members for the 2007 – 2008 year.

Regional Director	Steven Rose (Malroz Engineering)
Chair	Ian Moore (Queen's)
Vice Chair	Greg Siemens (RMC)
Treasurer	Jenn Meleschuk (MTO)
Director	Martin Burger (Cruikshank Construction)
Director	(vacant)
Student Rep.	(vacant)

The executive has met to plan the schedule for this year, and to develop a strategy for growth of the Kingston section as a means to provide opportunities for integrating local members from academic institutions, government, and consulting/industry.

Meetings

October 25 – 27 at the Glen House Resort, Gananoque. The Canadian Young Geotechnical Engineers and Geoscientists Conference (cYGEGC) was held within the Kingston Section area. Attendance: approximately 30
November 7, at the Kingston Brewing Company (upstairs meeting room), 34 Clarence Street, Kingston Speaker: Patrick Thompson (TCMS) "Construction Challenges of the Kingston Regional Sports and Entertainment Centre" Attendance: approximately 35
November 28, at the Kingston Brewing Company (upstairs meeting room), 34 Clarence Street, Kingston Cross Canada Lecture Tour Speaker: Paul Mayne of Georgia Tech "Plasma Magnification" Attendance: approximately 18; evening presentation at Queen's University "Critical State Soil Mechanics for Dummies" attendance 24
September – April at Queen's University locations. Student and guest talks are organized by the Geo-Engineering Centre at Queen's-RMC and sponsored by Gartner Lee on about a weekly to bi-weekly basis. Attendance: approximately 15 - 45

Although not a formal function of the Kingston section, the cYGEGC venue in Gananoque involved numerous members of the Kingston section, and in particular students from several programs offered within the Geo-Engineering Centre at Queen's-RMC. This meeting built successfully on the experience from the inaugural meeting in Quebec two years earlier and provides a welcome show-case of the opportunities within the profession to students and young graduates.

The use of the meeting room at the Kingston Brewing Co. and lunch hour schedule continues to attract a good audience from a cross-section of the local membership. Lunch-hour presentations appear to be a good format for encouraging local turnout.

The Geo-Engineering Centre at Queen's-RMC seminars are held on a weekly to bi-weekly schedule during the September – April period as part of the Centre's graduate studies program. The Centre makes an ongoing effort to circulate notices to the Kingston CGS Section membership, and to invite practicing members to deliver guest talks.

Activity & Development Planning

The Kingston Section Executive continues to look for opportunities to bring to Kingston speakers and topics of interest to local members. The Cross-Canada Lecture Tours and the Annual Darcy Lecture are both popular presentations, although experience to date has shown that attracting these speakers to Kingston within their schedules is at times challenging.

A significant number of the local membership (and local practitioners who are potential members) are geo-environmental/hydrogeology oriented by their practice. We have developed a good dialogue with the Ontario representative of the IAH-CNC in order to support and strengthen this linkage,

Other potential activities under consideration include a local field trip, and social activities to help bring the Kingston area "geo- (engineering and science)" community together. Current goals of the Kingston Section executive are to continue to grow membership and member participation in local events, and to develop sponsorship from the local "geo" community.

Finances

The Chapter account balance remains in the range of \$200 with the help of occasional sponsor donations.

<i>Ottawa Geotechnical Group - Siva Sivathayalan, Director Report of Activities from July 1, 2007 to June 30, 2008</i>

Introduction

The 2007-2008 Season is continuing to be an active and successful year for the Ottawa Geotechnical Group. This group draws its membership from the National Capital Region, and several other smaller communities, including Western Quebec. The activities of the group are generally held in the Ottawa area, except for the Annual student forum which is held in Ottawa and Kingston in alternate years. The student forum was held in Ottawa this year.

The current executive committee of the Ottawa Geotechnical Group consists of the following members.

Chair:	Mark Priddle, McIntosh Perry Consulting Engineers
Vice-Chair:	Nell van Walsum, Water and Earth Science Associates Ltd.
Secretary:	Elizabeth Garven, Jacques Whitford and Associates
Treasurer:	Michel Timmons, Qualitas Outaouais
Past Chair:	Michael Bleakney, Public Works and Government Services Canada.
Members:	Baolin Wang, GSC Natural Resources Canada.
Bruce Campbell,	Trow Associates
Dave Gilbert,	Paterson Group
Clive Kamichaitis,	Inspec-Sol
Student Member:	Jie Lao, Carleton University
Advisor:	Mike Bozozuk
CGS Representative:	Siva Sivathayalan

Positions of the executive are held for two-year terms with staggering start dates to ensure continuity, and to facilitate smooth operation of the group. In addition, one position will be held by a graduate student

from one of the two Ottawa engineering universities for a term of one year. The Ottawa Geotechnical Group welcomed three new executive members (Dave Gilbert, Jie Lao, Clive Kamichaitis) on July 1, 2007. Nell van Walsum will take up the Chair position of this group for the next two years on July 1, 2008. A nominating committee will start seeking candidates to fill the positions opening up on July 1, 2008.

The executive generally meet on a monthly basis to organize technical and social events, and to review issues relevant to the membership. Technical presentations, seminars, field visits etc. were held approximately monthly from September to April. In addition, the group actively promotes the participation of its membership in geotechnical engineering events hosted by other groups in the area.

Membership and Corporate Sponsorship

The Ottawa Geotechnical Group currently has a total of 182 members (145 members, 14 sponsor members, and 23 student members). Regular members pay an annual membership fee of \$20, but do receive special member rates to attend our monthly events. Student members do not pay an annual fee, but are offered subsidised rates to attend the events. As in past years, our corporate sponsors have very generously supported the local organization. The donations from our sponsors help to defray the costs of engaging speakers and the costs of our meeting rooms.

Our corporate sponsors include:

Accutest Laboratories Ltd.	OGS Inc.
Dywidag-Systems International - Eastern Divison	Paracel Laboratories Ltd.
Geosynthetic Systems	Quantum Murray LP
Marathon Drilling Co. Ltd.	USL-1 Inc.

Activities & Events

As expected, the Diamond Jubilee Canadian Geotechnical Conference held in Ottawa in 2007 October has been a huge success. About 330 technical papers were presented, and close to 800 participants attended the conference.

In addition, the group has organized a two-day workshop to be held in early May in collaboration with GeoEnvironmental and Hydrogeology Divisions. This workshop on Performance Assessment in the Characterization and Remediation of Contaminated Soils and Groundwater was held at the University of Ottawa on May 5 & 6. There were about 40 attendees at this workshop, which generated a small profit. It is anticipated that the profit will be used for future workshops of a similar nature.

Several monthly presentations, including two CCLT events in November have been organized by the group. These events represent many disciplines within the geoscience and geo-engineering fields and are always well attended. The table below provides a summary of these presentations.

Date	Speaker(s)/Affiliation	Title
May 21, 2008	Dr. M. Aubertin Ecole Polytechnique Université de Montréal	Spring CCLT: A general inelastic criterion for geomaterials with variable porosity: Formulation and sample applications
May 13, 2008	Dr. John Udd CANMET, Natural Resources Canada	Annual banquet: Mining in the Region around the National Capital - The Past and the Present
March 5, 2008	Mustafa Ahmed Carleton University	31st Annual OGG Graduate Student Forum <i>Impacts of Soil Wettability on the Capillary Pressure (Pc) – Saturation (S) Constitutive Relationships and the Residual NAPL</i> <i>Performance of Two Full-scale Model</i>

	Ryan Gregg <i>Royal Military College of Canada</i>	<i>Geosynthetic-Reinforced Retaining Walls Constructed with a Non-Select Backfill</i>
	Karina Lange <i>Queen's University</i>	<i>Metal Migration in Geosynthetic Clay Liners: Macroscopic and Microscopic Approaches</i>
	Othman Nasir <i>University of Ottawa</i>	<i>Modeling the Heat Development and Heat Transfer in Hydrating Cemented Backfill Structures</i>
Feb 12, 2008	Dr. Mamadou Fall. <i>University of Ottawa</i>	<i>Design of underground cemented paste backfill structures: Geotechnical challenges and perspective</i>
January 15, 2008	Dr. Mary Jane Conboy <i>Well Wise Centre, Orono, Ontario</i>	<i>State of private water wells and its regulation in Ontario</i>
December 11, 2007	Dr. Vern Singhroy <i>Canada Centre for Remote Sensing, Ottawa, Ontario</i>	<i>InSAR Monitoring of Landslides in Canada</i>
November 27, 2007 (Luncheon)	Dr. Paul W. Mayne <i>Georgia Tech, Atlanta, USA</i>	<i>Critical State Soil Mechanics for Dummies</i>
November 27, 2007 (Dinner)	Dr. Paul W. Mayne <i>Georgia Tech, Atlanta, USA</i>	<i>In-Situ Calibrations for Evaluating Soil Parameters</i>
Sept 18, 2007	Dr. John Adams <i>Geological Survey of Canada, Ottawa</i>	<i>Earthquakes and seismic hazards in Canada, plus soil amplification in Ottawa</i> <i>(Also included a tour of the Earthquake & Seismic Facility at the Geological Survey of Canada)</i>

Financial Statement:

The financial situation of the group has been very healthy over the years, and we expect it to further improve this year. Group is pleased to have donated \$10,000 to the new *Canadian Foundation for Geotechnique Graduate Scholarship* this year. The income and the expenses for the 2007/08 year to date are about \$12, 400 and \$10, 600 respectively. It is expected that current fiscal year would close with a small net income (despite the \$10,000 donation) due to the profit from the conference (The Diamond Jubilee Conference Organizing Committee has indicated that there will be a profit that will be shared with the Local group, but the exact amount is not known yet). Currently the group has an overall balance of about \$18,000 which consists of funds held in bank accounts and short-term GICs

***Southern Ontario Section – Toronto Group - Paul Dittrich, Chair
Report of Activities from July 1, 2007 to June 30, 2008***

Introduction

This report presents a summary of the activities performed by the Toronto Group of CGS Southern Ontario Section between July 1, 2007 and June 30, 2008.

Executive Committee

The 2007-2008 Executive Committee of the CGS Toronto Group consists of:

Joe Li	Dywidag Systems International	Director
Andrew Drevininkas	TTC	Past Chair
Paul Dittrich	Golder Associates	Chair
Billy Singh	Terraprobe	Treasurer
David Staseff	MTO	Secretary
Jason Lee	Thurber Engineering	Membership
Peijun Guo	McMaster University	Student Liaison
Ali Nasser-Moghaddam	Inspec-sol	Awards/Alt. Secretary
Allen Li	Golder Associates	Communications
Kent Frame	GeoSolv Technologies	Event Coordinator
Mike Ropret	Reinforced Earth Company	Event Coordinator

On July 1, 2008 six members have completed their term on the Executive Committee.

The Past Chair, Andrew Drevininkas has completed his four-year term on the Executive Committee. The following members have completed their two-year term: Billy Singh, Peijun Guo, Ali Nasser-Moghaddam, Allen Li and Kent Frame.

Billy Singh will continue to serve as the Chair and Paul Dittrich will continue as the Past Chair.

Five new members will join the 2008-2009 Executive Committee on July 1, 2008:

René Laprade – Tensar International Corporation
Mark Tigchelaar – GeoSolv Design Build
Murray Grabinsky – University of Toronto
Simon Lan – Trow Associates Inc.
Jinyuan Lui – Ryerson University

New Executive Committee for year 2008-2009 is as follows:

Joe Li	Dywidag Systems International	Director
Billy Singh	Terraprobe	Chair
Paul Dittrich	Golder Associates	Past Chair
David Staseff	MTO	Treasurer
Jason Lee	Thurber Engineering	Membership
Mike Ropret	Reinforced Earth Company	Event Coordinator
René Laprade	Tensar International Corporation	
Mark Tigchelaar	GeoSolv Design Build	
Murray Grabinsky	University of Toronto	
Simon Lan	Trow Associates	
Jinyuan Lui	Ryerson University	

Membership

The CGS-SOS currently has about 250 members and the Toronto Group has about 194 members. The past SOS Section offered a local membership, however, the current SOS Toronto Group has cancelled the local membership to emphasize and encourage national membership.

Students Participation

The SOS continued to organize the annual Graduate Student Competition and to invite students to the monthly dinner presentations at no charge. This has increased the exposure of the Society to young engineers who may join the society in the future. There has been significant effort from university professors in the Southern Ontario area to bring students to the presentations.

Meetings

As is the tradition, the Executive Committee met on a regular monthly basis with a two-month summer break. The first meeting in June 2007 was devoted to defining the roles and function of each executive

member and for planning future activities. After the summer break, the committee, typically, met on the day of the planned activities or more frequently, as required. A total of ten meetings of the Executive Committee were held.

List of Activities

Eight events have been organized this term, including,

- Two Cross Canada Lectures (in the Fall of 2007 and in the Spring of 2008)
- Holiday Season Dinner (in association with the Tunnelling Association of Canada)
- Graduate Student Competition
- One-Day Seminar on Introduction to Instrumentation and Monitoring in Geotechnical Engineering
- Two evening/dinner lectures
- Annual Dinner

The list of events held in Toronto from September 2007 to June 2008 is as follows:

September 26, 2007 – **Mr. Scott Peaker**

Topic: Hybrid Ground Improvement for the Construction of a Resort and Marina, The Landings, St. Lucia, West Indies

The lecture presented an overview of a variety of ground improvement methods (including wick drains, dynamic replacement columns and pre-loading) that was carried out beneath marina sheet pile walls and building, pavement and landscape areas as part of the development of a resort and marina in St. Lucia. About 63 people attended the event.

October 17, 2007 – **Dr. Stephan Evans**

Topic: The Geotechnique of Landslide Disasters – A Global View

The lecture focused on the role of entrainment in transforming initial rockfalls/rockslides into high-velocity, highly destructive flows that have the potential to overwhelm communities at some distance from the source instability. Case studies of four catastrophic landslides in Tajikistan, Peru and the Philippines were presented. This lecture was well attended by more than 55 people.

November 29, 2007 - Fall Cross Canada Lecture - **Dr. Paul Mayne**

Topic: In-Situ Test Calibrations for Evaluating Soil Parameters

The lecture presented a unified approach to the interpretation of geotechnical test data so that soil parameters can be evaluated in a consistent and complementary manner with laboratory results. The geologic stress history (expressed as OCR) was shown to be the common thread in assessing in-situ tests in both clays (estimated from CPT, CPT_u, DMT, PMT, vane and T-bar using a hybrid cavity expansion model) and sands (estimated using empirical methods derived from laboratory chamber testing). About 79 people attended this lecture.

December 11, 2007 - Annual Christmas Dinner Social – **Mr. Rick Everdell**

Topic: Niagara Tunnel Project

The presentation described the planning, design and construction of Ontario Power Generation's 10.4 km long, 12.7 m internal diameter tunnel and associated facilities to divert an additional 500 m³/s of water from above Niagara Falls to the existing Sir Adam Beck generating stations near Queenston. The \$985 million project is utilizing the world's largest hard-rock TBM (14.44 m diameter) to excavate the tunnel. When completed, the Niagara Tunnel will deliver enough additional water to increase average annual

energy output from the Sir Adam Beck stations by about 1.6 billion kilowatt-hours. This event was jointly organized by CGS-SOS and TAC. The event was attended by about 90 people.

January 16, 2008 - **Graduate Student Competition Night**

The event took place at Mastro's Ristorante Italiano and was attended by about 30 members and students. The competition consisted of having one graduate student from each of the local geotechnical centers/groups from McMaster University, University of Toronto and University of Waterloo compete in an oral presentation. A panel of five CGS-SOS members selected Kevin G. Mumford of McMaster University for the best presentation (based on an assessment of overall speaking skills, technical content and question and answers).

February 21, 2008 - One-Day Short Course – **Dr. Maged Iskander**

Topic: Introduction to Instrumentation and Monitoring in Geotechnical Engineering

The short course provided a comprehensive introduction to instrumentation and monitoring of civil engineering projects including planning, design of instrumentation programs, performance of commonly used sensors, data acquisition, signal conditioning, error analysis, information management and case histories. The seminar combined elements from civil, mechanical and electrical engineering together with some management concepts. About 89 people attended this seminar.

May 13, 2008 - Spring Cross Canada Lecture - **Dr. Michel Aubertin**

Topic: Alternative Disposal Techniques for Reactive Mine Wastes to Better Control Environmental Impacts

The lecture addressed the large volumes of waste produced by mining operations and the need for secure management to minimize environmental impacts particularly from tailings and waste rock that favour the production of AMD contaminants. An overview of alternative disposal techniques (including cemented paste backfill, co-disposal of tailings and waste rock and waste-rock columns within tailings impoundments) was presented with an emphasis on the issues that need to be addressed to make the applications successful. About 47 people attended the event.

May 29, 2008 - Annual Dinner – **Dr. Norbert Morgenstern**

Topic: Geotechnical Engineering – Creating Value and Saving Lives

Dr. Morgenstern presented the development of geotechnical approaches to assessing tolerable risk from landslides and the effectiveness of alternate mitigation strategies. Case histories ranged from past experiences in Hong Kong to more recent experiences in Canada. The presentation included discussion on how these developments are influencing public policy in Canada and elsewhere. About 240 people attended the event.

CGS-SOS Award

A CGS-SOS Award has been initiated by the former senior Executive Members Zuhtu Ozden and Dave Dundas. The purpose of the CGS-SOS Award is to recognize the recipient's contributions to:

- development and growth of the CGS-SOS,
- geotechnical or geo-environmental practice in the Southern Ontario area through service to research, design, development, or construction.

The award is funded by the CGS-SOS and consists of an engraved brass medallion and a plaque. A CGS-SOS Award Nomination Committee consisting of two senior CGS members and one CGS-SOS Executive directs the nominations.

The award was presented to Dr. Kenneth R. Peaker at the CGS-SOS Annual Dinner.

CGS-SOS Website

The CGS-SOS website had been in operation for the last 5 years. In the fall of 2006 a new website address was created www.cgs-sos-toronto.com. The website is currently undergoing a re-design to update the look and provide additional information to the members. The new CGS-SOS Toronto Group website will be launched in September 2008. The website contains the most up-to-date information on SOS Toronto Group activities, list of executive members, membership update forms, upcoming events, a list of past CGS-SOS executive members and hot links to geotechnical and other organizations. The CGS national website Toronto page is updated on a regular basis to provide information on upcoming events.

64th Canadian Geotechnical Conference

A local organizing committee consisting of some CGS-SOS Toronto Group Executive Committee members, and some local CGS members have secured the 64th Canadian Geotechnical Conference and the 14th PanAmerican Conference on Soil Mechanics and Geotechnical Engineering as a joint conference to be held in Toronto for 2011.

Treasurer's Report

A Treasurer's Report prepared by Billy Singh covering the term 2007-2008 is attached at the end of this report.

Closure

The CGS-SOS Toronto Group has had an excellent year for both technical activities and membership. The range of the technical activities reflects the breadth of the local society in terms of both geotechnical and geo-environmental engineering, and the geosciences. What has been particularly notable and important is the very active role being played by younger and newer members of the society.

Special thanks go to the Executive Committee members, affiliated Companies and Institutions for their support and co-operation over the past year, our Director, Joe Li, and those working on our behalf at the national office of CGS for their commitment and hard work in making the past year a success.

***London Section – London CSCE-CGS Chapter
- Azmi Hammoud, CGS Representative
Report of Activities from July 1, 2007 to June 30, 2008***

Introduction

The CGS Section in London, Ontario is a joint CSCE-CGS Chapter with a broad representation of professionals, professors and students on the executive. This report is a summary of the activities of the Chapter between July 1, 2007 and June 30, 2008. The group has active members from across Southwestern Ontario, particularly from the London, Windsor and Kitchener-Waterloo areas. The executive committee has organized several dinner presentations throughout the season (the Chapter's season runs from September to April). A detailed report from the Section is provided below.

Executive Committee

The 2007-2008 Executive Committee of the Chapter consists of the following members:

Ernest Yanful	Chairperson	University of Western Ontario
Elsie Mae Clements	Past Chair	General Dynamics
Grant Strachan	Vice Chair/Treasurer	Aecon
John Simon	City Representative	City of London
Andy Turnbull	CSCE Ontario Region Treasurer	Ministry of Transportation, Ontario
Azmi Hammoud	Communications/CGS Representative	Golder Associates Ltd.
Gavan McDonald	Public Relations	Earth Tech Canada Inc.
John Gawley	Membership	Dillon Consulting Limited

Mark Boyd	Fanshawe Faculty Advisor	Fanshawe College
Jason Gerhard	UWO Faculty Advisor	University of Western Ontario
Tom Mara	Secretary/Webmaster	University of Western Ontario
Chris Kocur	UWO Graduate Students Representative	University of Western Ontario

Activities

Membership

The London Chapter has about 300 members (PEO, CSCE, CGS and Student members). As in past years, our Chapter has been financially self-sustained by the money generated from the dinner meetings. Our corporate members and the University of Western Ontario typically purchase a number of pre-paid passes for the dinner meetings.

Meetings

The 2007-2008 season consisted of six dinner meetings held at The Elephant and Castle in downtown London:

October 2007: Engineering at General Dynamics Land Systems

Douglas E. MacKay, General Dynamics Land Systems – Canada

November 2007: Detroit River International Crossing Study

by Representative of The Ontario Ministry of Transportation And URS Canada Inc.

January 2008: Demand Forecasting & Water System Optimization

André Poirier, Delcan Corporation

February 2008: Windthrow- A Geotechnical Engineer's Perspective

Tim Newson, University of Western Ontario

March 2008: The Big Pipe - York Region's 15 km Trunk Sewer Expansion

Don Brophy, Aecon Constructors

April 2008: Adaptive Reuse- Its Application to the Conservation of London's Heritage

Don Menard, City of London

Additional Information

-CGS members in southwestern Ontario that have not paid their dues were contacted by phone or e-mail between May 22 and 27, 2008 with a reminder to send their dues.

Two members of the London Chapter went to Toronto for the Southern Ontario Section annual dinner on May 29/08. Presentation by Dr. N. Morgenstern: "Geotechnical Engineering – Creating Value and Saving Lives".

The London Chapter is currently planning events for the 2008-2009 season, including one meeting at the University of Western Ontario to encourage student participation.

Sudbury Chapter - Nadine Miller
Report of Activities from July 1, 2007 to June 30, 2008

Introduction

The Sudbury CGS Chapter is in a period of regrowth. While our national membership number for the area is 25, that number has grown from 9 in 2004. The numbers in attendance at our events is significantly larger, an event can range in attendance from 20 to 60. Indicating that we have a significant number of

geo practitioners in the Sudbury area. It is for this reason that it is essential that we keep the costs of attendance free for our events. The purpose is to show the geo practitioners of the area the benefits of CGS membership.

Sudbury has three goals:

1. To bring in an annual keynote speaker, with minimal cost for attendance.
2. To increase our membership numbers so that it is possible to bring either the fall or spring CCL to Sudbury on an annual basis.
3. For CGS National to send a representative annually, to show a presence to the Sudbury community.

The end of 2007 beginning of 2008 has been a slow period for the CGS Sudbury Chapter as two of the three committee members began maternity leave and presentation booking stagnated. The group has since reactivated and has commenced plans for the following 2008-2009 presentations. The goal is to have a minimum of 5 presentations per year.

Another issue discussed at the end of March was the Sudbury groups desire to be part of the Northern Ontario Section. The group feels that this would be more in keeping with it's identity. The Sudbury group would like to request that this issue be considered by the board of directors.

Executive Committee

The executive committee of the Sudbury CGS Chapter consists of the following members:

Chair:	Dan Cacciotti (AMEC)
Member:	Nadine Miller (AMEC)
Member:	Sarah Coyne (Golder Associates)

Sponsorship

The venue for our presentations is provided by MIRARCO. Dr. Peter Kaiser, president of MIRARCO has been a strong supporter of our local CGS presentations since 2004. The refreshments and speaker thank you gifts have been supplied by AMEC and Golder. The support of AMEC, Golder, and MIRARCO has been essential in order to provide the Sudbury CGS community lectures at no cost.

Activities

Events from November 2007 to September 2008 included:

November 13, 2007

Speakers: Mr. Don Welch, Principal, Golder Associates

Topic: Responding to Change in Tailings Management

Attendance: 60 people

Sponsor: Golder subsidized the travel cost of the speakers for this event

May 27, 2008

Speakers: Mr. Mark Tigchelaar, P. Eng., Vice President, GeoSolv Design/Build Inc.,

Topic: Innovative And Sustainable Methods For Solving Difficult Soil Problems

Attendance: 20 people

Upcoming activities

September 17, 2008

Speakers: Messer. Paul Lecoarer and Michael Nadeau of MTO Northeastern Region Planning and Design Section, Mr. Dave Dundas of MTO Foundation Section

Topic: Highway 69 Rock Management

We will begin the presentation series in September 2008.

<p style="text-align: center;">Section Ouest du Québec - Stéphanie Perret, Directrice Rapport d'activités - 1 juillet 2007 au 30 juin 2008</p>
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Introduction

Ce rapport final est un résumé des activités de la section Ouest du Québec de la Société canadienne de Géotechnique, pour la période comprise entre le 1er juillet 2007 et le 1er juin 2008. La section regroupe des membres provenant de tout l'ouest du Québec, les plus actifs étant issus des régions de Montréal, Sherbrooke et Drummondville. Plusieurs activités intéressantes ont été préparées et organisées par le comité exécutif : conférences, concours de présentations d'étudiants gradués ainsi qu'un cours intensif de deux jours. Un rapport détaillé préparé par la Section est présenté ci-après.

Comité exécutif

Pour la saison 2007-2008, le comité exécutif de la section Ouest du Québec est composé des membres suivants:

Président:	Daniel Jetté
Vice-président:	Catherine Bédard
Secrétaire:	Sébastien Dubeau
Trésorier:	Jocelyn Lavoie
Présidente 2006-2007:	Stéphanie Perret

Activités

Les 19 et 20 février 2008, un cours intensif de deux jours a été organisé par le comité exécutif de la section en invitant le Dr. Bengt H. Fellenius comme conférencier. Ce cours a porté sur "Les bases de la conception de fondations sur pieux". 40 personnes ont assisté à ce cours qui a eu lieu à Ville

Saint-Laurent. La plupart des participants étaient des ingénieurs civils travaillant sur des projets présentant des conditions géotechniques particulières. Le contenu technique du cours a couvert les aspects théoriques et pratiques de cette technologie et a été grandement apprécié par tous.

Au début du mois de mars, trois étudiants gradués ont participé au concours Branko Ladanyi. Ils ont présenté des conférences sur leurs thèmes de recherche menées dans différentes universités. Leurs sujets étaient reliés à des aspects géotechniques ou géoenvironnementaux. Un comité, incluant le président de la section et deux ingénieurs du domaine privé, ont choisi la meilleure présentation.

M. Thomas Pabst, de l'École Polytechnique de Montréal, a ainsi reçu une bourse de 1200 \$ pour sa participation à la conférence annuelle de la SCG, à Edmonton.

La section Ouest du Québec a accepté de commanditer, pour un montant de 1000 \$, un projet étudiant de l'École Polytechnique de Montréal, soit le projet « Alaska 2008 ». Un groupe de 10 étudiants au baccalauréat du département de génie géologique voyageront jusqu'en Alaska en août 2008 dans le but d'étudier les conditions particulières reliées au permafrost et aux changements climatiques.

Membres et commanditaires corporatifs

La section Ouest du Québec est actuellement composée d'environ 100 membres payants, incluant des membres inscrits à titre individuel et à titre corporatif. Une participation financière est demandée aux membres afin de couvrir les coûts reliés à l'invitation de certains conférenciers. Parmi ces membres, 59 sont également des membres de la Société Canadienne de Géotechnique.

Comme au cours des dernières années, *Hydro-Quebec* supporte généreusement les activités de l'organisation locale en permettant l'accès à une de ses salles de conférence lors de chacune des activités proposées.

Activités

Les conférences et les rencontres tenues à Montréal entre les mois d'août 2007 et juin 2008 ont été les suivantes:

Quand	Qui	Sujet	Assistance
10 oct. 2007	Charles CHEBL	Métro de Laval, QC	35
14 nov. 2007	Virgile ALBERT	Dérivation de la rivière Rupert, QC	40
23 jan. 2008	Les MacPHIE	Geotechnical investigation at the Money Pit - Oak Island, NS	40
19-20 fév. 08	Bengt FELLENIUS	Design of piled foundations	40
26 mars 2008	3 étudiants gradués	Concours Branko Ladanyi	30
20 mai 2008	Michel AUBERTIN	Recouvrements multicouches (CCLT)	30
11 juin 2008	Paul MAYNE	Foundation analysis by seismic piezocone tests	---

États financiers

Dépenses:

- Conférences (lunch, conférenciers, etc.)	192,43 \$
- Frais d'opération de la section	108,42 \$
- Concours Branko Ladanyi 2007	1 741,28 \$
- Cours intensif 2008	14 780,81 \$
TOTAL des dépenses:	16 822,94 \$

Revenus:

- Cotisations des membres	985,00 \$
- Revenus du colloque 2007	13 559,92 \$
- Participation de la SCG (étudiants aux conférences de Vancouver & Ottawa)	400,00 \$
- Cours intensif 2008	18 340,00 \$
- Intérêts	0,98 \$
TOTAL des revenus:	33 285,90 \$
Solde en banque (20/03/2008)	36 703,20 \$

Western Quebec Section - Stéphanie Perret, Director **Report of Activities from July 1, 2007 to June 30, 2008**

Introduction

This final report is a summary of the activities of the Western Quebec Section of the Canadian Geotechnical Society, for the period from 01 July 2007 – 01 June 2008. The group has members from across Western Quebec, the most active coming from Montreal, Sherbrooke and Drummondville areas. Several successful activities have been prepared and organized by the executive committee: presentations, student competition and a two-day intensive course. A detailed report from the Section is provided below.

Executive Committee

The 2007-2008 Executive Committee of the Western Quebec Section consists of the following members:

Chair: Daniel Jetté
 Vice-Chair: Catherine Bédard
 Secretary: Sébastien Dubeau
 Treasurer: Jocelyn Lavoie
 Past-Chair: Stéphanie Perret

Activities

On 19 and 20th February, 2008, a two-day intensive course has been organized by the Section executive committee with Dr. Bengt H. Fellenius as main speaker. The subject of this course was “Basic of Design of Piled Foundations”. 40 people attended this activity held in Ville Saint-Laurent. Almost all attending people were civil engineers working on projects with special geotechnical conditions. Technical content covered both theoretical and practical aspects of this technology and was highly appreciated by everyone.

At the beginning of March, three graduate students participated in the Branko Ladanyi students competition. They presented conferences on their research in several universities. Topics were related to geotechnical or geoenvironmental considerations. A committee, including president of the Section and two engineers from private companies, has voted for the best presentation. M. Thomas Pabst, from École Polytechnique de Montréal, received a 1200 \$ grant for the CGS Edmonton Conference.

The Western Quebec Section has accepted to sponsor (\$1000) a student project from Ecole Polytechnique de Montreal called Alaska 2008. A group of 10 undergraduated students from the geological engineering department will travel in August 2008 in Alaska to study special conditions related to permafrost and climatic changes.

Membership and Corporate Sponsorship

The Western Quebec Section is actually composed of about 100 paid members, combination of individual members and companies. A financial support is asked to members in order to cover the costs of guest speakers and related expenses. Among these members, 59 are also members of the national Canadian Geotechnical Society.

As in past years, *Hydro-Quebec* generously supports the local organization giving the access to a conference room for almost each activity.

Meetings

Conferences / meetings held in Montreal between August 2007 and June 2008 were as follows:

When	Who	Subject	Assistance
Oct. 10, 2007	Charles CHEBL	Metro in Laval, QC	35
Nov. 14, 2007	Virgile ALBERT	Rupert River diversion, QC	40
Jan. 23, 2008	Les MacPHIE	Geotechnical investigation at the Money Pit - Oak Island, NS	40
Feb. 19-20, 08	Bengt FELLENIUS	Design of piled foundations	40
Mar. 26, 2008	3 Graduated students	Branko Ladanyi competition	30
May 20, 2008	Michel AUBERTIN	Multi-layer covers (CCLT)	30
June 11, 2008	Paul MAYNE	Foundation analysis by seismic piezocone tests	---

Financial status

Expenses:

- Conferences (lunch, speakers, etc.)	192,43 \$
- Section operations	108,42 \$
- 2007 Branko Ladanyi competition	1 741,28 \$

- 2008 intensive course		14 780,81 \$
	TOTAL Expenses:	16 822,94 \$

Revenues:

- Membership income		985,00 \$
- 2007 colloquium income		13559,92 \$
- Amount from CGS for student in Vancouver & Ottawa		400,00 \$
- 2008 intensive course		18 340,00 \$
- Interest		0,98 \$
	TOTAL Revenues:	33 285,90 \$
	Total amount in bank (20/03/2008)	36 703,20 \$

Section Est du Québec - Didier Perret, Directeur régional
Rapport d'activités – Année 2007- 2008

Introduction

Cette année 2007-2008 a connu une activité soutenue : sept conférences ont été proposées et un atelier de formation sur l'utilisation des logiciels Slope/W et Seep/W a été organisé. Le nombre de participants aux différentes activités de notre section montre que la géotechnique et le génie géologique sont bien vivants dans la région de Québec, et plus généralement dans l'est du Québec. Plusieurs membres du comité exécutif ont aussi participé avec enthousiasme à l'organisation du congrès Géorisques/GeoHazards 2008 qui s'est tenu à Québec du 20 au 25 mai 2008.

Comité exécutif

Le comité exécutif de la section de l'Est du Québec est formé, pour l'année 2007-2008, des personnes suivantes :

Directeur : Didier Perret (Ressources naturelles Canada)

Président : Denis Lessard (Ministère des Transports du Québec)

Vice-président : Georges Lemieux (LVM-Technisol)

Trésoriers : Paul Flon, secondé par Alexis Fortin (Ministère des Transports du Québec)

Directeur précédent : Denis Demers (Ministère des Transports du Québec)

Membre de liaison étudiante : Arianne Locat (université Laval)

Membres : Pascal Locat, Gilles Grondin (Ministère des Transports du Québec), Marie-Claude Lévesque (LVM-Technisol), Kamel Hammouche (Inspec-Sol)

Conseillers : Denis Demers, Janelle Potvin (Ministère des Transports du Québec), Denise Leahy (SNC-Lavalin)

Activités

En général, de 15 à 25 personnes assistent aux conférences proposées par la section régionale.

Conférencier	Affiliation	Titre de la présentation	Date
Alain Rouleau	Université du Québec à Chicoutimi	Hydrogéomécanique dans les mines – Résultats et occasion de recherches	19-09-2007
Paul-André Chiasson	Université de Moncton, Nouveau Brunswick	Variabilité des propriétés géotechniques et probabilité de glissement de pente	25-10-2007
Erwan Gloaguen	INRS ETE Québec	Applications du géoradar aux problèmes de génie civil et de génie géologique	15-11-2007
Paul W. Mayne	Georgia Institute of Technology	Tournée pancanadienne de géotechnique – Insitu test calibrations for evaluating soil parameters	26-11-2007

Mahrez Ben Belfadhel	Société canadienne de gestion des déchets nucléaires	Gestion à long terme du combustible nucléaire irradié au Canada – Une perspective géoscientifique	05-02-2008
Éric Blond	SAGEOS Groupe CTT	La durabilité des géosynthétiques	24-04-2008
Michel Aubertin	École polytechnique de Montréal	Tournée pancanadienne de géotechnique –Détermination des propriétés hydrauliques des matériaux non saturés	27-05-2008
Mounir Bouaffida	École nationale d'ingénieurs de Tunis	Amélioration des sols par colonnes ballastées	18-07-2008 – À confirmer

Un atelier de formation sur les logiciels Slope/W et Seep/W a été organisé les 25 et 26 février 2008 à Québec. Plus de 60 personnes avaient manifesté leur intérêt pour suivre cette formation, mais nous avons limité le nombre de participants à 40. Cet atelier a été un franc succès et répondait très bien aux besoins des praticiens. Nous allons très probablement le proposer à nouveau, soit à l'automne 2008, soit durant le trimestre d'hiver 2009.

Les étudiants de géologie et de génie géologique des 1^{er} et 2^e cycles de l'université Laval ont organisé un camp de terrain en géo-ingénierie en Guadeloupe. Ce camp de terrain, parrainé et subventionné par la section régionale, s'est déroulé du 23 février au 1^{er} mars 2008.

La liste des différentes activités organisées par la section régionale est régulièrement mise à jour sur le site web de la Société (http://www.cgs.ca/cgssociety/regions-list/Eastern%20Quebec/copy_of_babillard/). Les résumés des conférences proposées depuis avril 2006 peuvent être consultés sur le site, et les fichiers en format pdf des présentations sont également mis à disposition pour téléchargement lorsque l'auteur nous en donne explicitement l'autorisation.

Membres et adhésion à la Société

La section régionale de l'Est du Québec regroupe une petite communauté d'une trentaine de membres de la Société canadienne de géotechnique, principalement du secteur privé et du milieu universitaire. La communauté d'intérêt est cependant *significativement plus large*. L'un de nos défis récurrents est d'inciter les étudiants et praticiens de la géotechnique et du génie géologique, non seulement de devenir membre de la Société, mais également de le rester.

La plupart de nos membres sont basés dans la région de Québec même, et dans la région du Saguenay-Lac St-Jean.

Afin de promouvoir la Société et d'inciter les géotechniciens de la région à devenir membre, nous ne demandons pas de cotisation locale annuelle et nous n'exigeons pas non plus d'être un membre en règle pour assister aux conférences et événements que nous organisons.

Réunion du comité

Le comité exécutif s'est réuni une fois par trimestre durant la période visée par ce rapport annuel. En général, la plupart des membres du comité exécutif sont présents lors de ces réunions.

Statut financier

Le budget pour l'année 2007-2008 est d'environ 3500 \$; ce montant inclut une subvention de 1200 \$ accordée aux étudiants en géologie et génie géologique de l'université Laval. Nos revenus proviennent quasi-exclusivement des bénéfices réalisés lors du congrès annuel de la Société à Québec en 2004.

Autres informations

Les événements planifiés pour la prochaine année 2008-2009 sont les suivants:

- 10 septembre 2008 : conférence de M. Peter Bobrowsky, Commission géologique du Canada, sur les risques de glissements de terrain au Pérou;

- octobre 2008 : 1) présentation des étudiants de géologie et génie géologique de l'université Laval suite au camp de terrain en Guadeloupe parrainé et subventionné par la section régionale; 2) conférence de Mario Ruel Ruel, CN, thème à préciser;

- novembre 2008 : formation Slope/W et Seep/W, selon la demande;

- février 2009 : cours intensif sur l'analyse du comportement des barrages sous chargement dynamique; ce cours, d'une durée de deux jours, sera donné par M. Denis Leboeuf, professeur au département de génie civil de l'université Laval.

Mme Denise Leahy, du groupe SNC-Lavalin, a quitté Québec début janvier pour s'installer à Montréal. Son dynamisme, son dévouement, et ses bons conseils vont nous manquer. Nous lui souhaitons bonne chance dans son nouvel environnement.

***Eastern Quebec Section - Didier Perret, Regional Director
Report of Activities from July 1, 2007 to June 30, 2008***

Introduction

This year 2007-2008 brought constant activities: seven presentations were proposed and a formation about Slope/W and Seep/W softwares was organized. Number of people taking part to the numerous activities of our section shows that the geotechnical and geological engineering is still alive in Quebec area, and more generally in Eastern Quebec. Several members of executive committee have also enthusiastically participated to the organization of the Géorisques/GeoHazards 2008 congress that was held in Quebec City between 20 to 25 May 2008.

Executive Committee

For the year 2007-2008, the executive committee of Eastern Quebec Section consists in the following members:

Regional Director: Didier Perret (Natural Resources Canada)
Chair: Denis Lessard (Ministère des Transports du Québec)
Vice chair: Georges Lemieux (LVM-Technisol)
Treasurer: Paul Flon, helped by Alexis Fortin (Ministère des Transports du Québec)
Past director: Denis Demers (Ministère des Transports du Québec)
Contacts with students: Arianne Locat (Université Laval)
Members: Pascal Locat
Gilles Grondin (Ministère des Transports du Québec)
Marie-Claude Lévesque (LVM-Technisol),
Kamel Hammouche (Inspec-Sol)
Advisers: Denis Demers
Janelle Potvin (Ministère des Transports du Québec)
Denise Leahy (SNC-Lavalin)

Activities

Generally, between 15 and 25 persons attend the regional section conferences.

Speaker	Affiliation	Presentation title	Date
Alain Rouleau	Université du Québec à Chicoutimi	Hydrogéomécanique dans les mines – Résultats et occasion de recherches	19-09-2007
Paul-André Chiasson	Université de Moncton, Nouveau	Variabilité des propriétés géotechniques et probabilité de	25-10-2007

	Brunswick	glissement de pente	
Erwan Gloaguen	INRS ETE Québec	Applications du géoradar aux problèmes de génie civil et de génie géologique	15-11-2007
Paul W. Mayne	Georgia Institute of Technology	Cross Canada Lecture Tour – In situ test calibrations for evaluating soil parameters	26-11-2007
Mahrez Ben Belfadhel	Société canadienne de gestion des déchets nucléaires	Gestion à long terme du combustible nucléaire irradié au Canada – Une perspective géoscientifique	05-02-2008
Éric Blond	SAGEOS Groupe CTT	La durabilité des géosynthétiques	24-04-2008
Michel Aubertin	École polytechnique de Montréal	Cross Canada Lecture Tour, CGS Détermination des propriétés hydrauliques des matériaux non saturés	27-05-2008
Mounir Bouaffida	École nationale d'ingénieurs de Tunis	Amélioration des sols par colonnes ballastées	18-07-2008 To be confirmed

A formation concerning Slope/W and Seep/W softwares has been organized on 25 and 26 February 2008 in Quebec City. More than 60 persons were interested in such a formation, but we had to limit the registration to 40 attending persons. This formation has been a great success and responded very well to practitioners needs. We will probably propose this formation for a second time, either in autumn 2008 or in winter 2009.

Geology and engineering geology students from 1st and 2nd cycles of Laval University organized a geo-engineering field camp in Guadalupe. This field camp, sponsored and financially supported by the regional section, has been done between 23 February and 1st March 2008.

The list of the different activities organized by the regional section is regularly updated on the website of the Society (http://www.cgs.ca/cgssociety/regions-list/Eastern%20Quebec/copy_of_babillard/). Summaries of the presentations proposed since April 2006 can be read on the site, and PDF files of the presentations can also be downloaded when the Section gets the author permission.

Membership

Eastern Quebec section is made of a small community of about 30 members from the Canadian Geotechnical Society. These members generally work in private sector and in universities. However, interested community is quite more important. One of our challenges is to encourage students and geotechnical and geological practitioners to become members of the Society and to stay members year after year.

Most of our members are coming from Quebec City and Saguenay-Lac St-Jean areas.

In order to promote the Society and to encourage regional geotechnicians to become members, we do not ask for any financial contribution. And, even if people are not members, they can assist to the presentations and activities of our section.

Committee Meetings

Executive committee hold a meeting quarterly during the period referred to in this annual report. Usually, most of the members of the executive committee participate to these meetings.

Financial Status

The 2007-2008 annual budget is about \$ 3500, including the financial support of \$ 1200 given to geology and engineering geology students from Laval University. Our revenues are essentially benefits made during the 2004 annual congress of the Canadian Geotechnical Society held in Quebec City.

Additional Information

The future events proposed for next year 2008-2009 are as follows:

10 September 2008: Conference of M. Peter Bobrowsky, Geological Commission of Canada, concerning risks of landslides in Peru;

October 2008; 1) Presentation of geology and geological engineering students from Laval University after their field camp in Guadalupe, sponsored and financially supported by the regional section; 2) Conference of M. Mario Ruel Ruel, CN, subject to be confirmed;

November 2008: Slope/W and Seep/W softwares formation, depending on registration;

February 2009: Intensive course, Analysis of dams behavior under dynamic loads; this course will be given during two days by M. Denis Leboeuf, professor at the Civil Engineering Department, Laval University.

Ms. Denise Leahy, from SNC-Lavalin, left Quebec City in early January and moved to Montreal. Her dynamism and her good advices will miss us. We wish her good luck in her new environment.

New Brunswick Chapter - Serge Bourque, Chair Report of Activities July 1, 2007 to June 30, 2008

Introduction

The New Brunswick chapter of the Canadian Geotechnical Society (CGS) currently has approximately 25 members. The majority of our members are based out of Fredericton, Moncton and Saint John.

Executive Committee

The executive committee of the New Brunswick CGS Chapter consists of the following members:

Chair:	Serge Bourque (GEMTEC Ltd., Moncton)
Secretary/Treasurer:	Rochelle Brown (Jacques Whitford, Saint John)
Student Liaison:	Rodney McAfee (Jacques Whitford, Fredericton)

Corporate Sponsorship

The New Brunswick Chapter of the CGS would like to extend thanks to our corporate sponsors who have generously supported our local organization. Their donations help to defray costs of engaging speakers and activities

Our corporate sponsors include:

Arrow Construction Products	Longyear Drilling
GEMTEC Limited	Jacques, Whitford and Associates Limited
AMEC	

Activities

Hosted the fall 2007 CCLT at the University of New Brunswick in Fredericton on November 30, 2007. Dr. Paul Mayne of the Georgia Institute of Technology presented "Foundation Analysis by Seismic Piezocone Tests".

***Nova Scotia Chapter - Dmitry I. Garagash, Chair
Report of Activities from July 1, 2007 to June 30, 2008***

Introduction

The Nova Scotia chapter of the Canadian Geotechnical Society (CGS) consists of approximately 30 members.

Executive Committee

The executive committee of the CGS Chapter consists of the following members:

Chair:	Dmitry Garagash (Dalhousie University, Halifax)
Treasurer:	Scott Munro (Jacques Whitford, Halifax)
Member at Large:	Jody Olson (Inspecsol Limited, Halifax)
Member at Large:	Mike Eakins (ADI Limited, Halifax)
Member at large:	Matthew MacIsaac (BGC Engineering Inc., Baddeck)
Past Chair:	Craig Lake (Dalhousie University, Halifax)
Past Treasurer	Brian Grace (Jacques Whitford, Halifax)

Events from July 1, 2007 to June 30, 2008 included:

Activities

November 20, 2007

Rock Slope Stability for Open Pit Mines – An Overview

Mr. (Chuck) C.O. Brawner

C.O. Brawner Engineering Limited, British Columbia

Attendance: ~ 50 people

January 29, 2008

Seismic Dilatometer for Strength and Deformation Parameters

Mr. Dave Woeller

Conetec

Attendance: ~ 20 people

May 14, 2008

Spring 2008 Canadian Geotechnical Society Cross Canada Lecture Tour:

The behaviour of layered covers with capillary barrier effects:

A summary of 15 years of investigation

Dr. Michel Aubertin

École Polytechnique de Montréal

Attendance: ~ 11 people

May 22, 2008

Hydraulic fracturing of coal – Monitoring, Modeling, and Mineback Mapping

Dr. Rob Jeffrey

CSIRO Petroleum, Melbourne

Attendance: ~ 30 people

Other Items to Report

October 2007

Sponsorship of Graduate Student to Ottawa CGS Conference

The Nova Scotia Chapter sponsored Vincent Gorham as a MIT to attend the Ottawa CGS conference.

GeoHalifax 2009 CGS/IAH Conference Planning

The planning for GeoHalifax 2009 is progressing well. Co-chairs for the conference, Craig Lake and Brian Taylor, along with the local organizing committee are finalizing arrangements for the various social and technical activities of the conference. The conference will be held at the Harbourside Marriot Hotel in downtown Halifax from September 20-24. The Hardy Award winner has been finalized and the logo for the conference is in its final development stages. Plans for the summer include developing promotional material for the conference as well as finalizing the website design and Call for Abstracts.

Finances

Current bank account balance is approximately \$1,500.00.

<p style="text-align: center;">St. John's Newfoundland Chapter - Sterling D. Parsons, Chair Report of Activities from July 1, 2007 to June 30, 2008</p>

Introduction

The Newfoundland chapter of the Canadian Geotechnical Society (CGS) consists of approximately 25 members. We are currently pursuing local companies and government to provide donations to our Local. These monies will be used for future events and possible student funding. We have two new members of our executive committee as further described below.

Executive Committee

The executive committee of the Newfoundland CGS Chapter includes two new members: Amy Copeland and Dave Mercer. We would like to thank our previous committee members all the best. Pradipta Chakraborty has finished his studies at Memorial University and has consequently left the province. Kevin Penny is currently on leave from AMEC and is pursuing at master's degree in engineering. The executive committee of the Newfoundland CGS Chapter consists of the following members:

Chair:	Sterling Parsons (Jacques Whitford, St. John's)
Treasurer/Secretary:	Amy Copeland (Jacques Whitford, Gander)
Student Liaison:	Dave Mercer (Part-Time Graduate Student/C-CORE, St. John's)
<i>Ex officio</i> Section Director	Ryan Phillips (C-CORE, St. John's)

Activities:

Events from July 1, 2007 to June 30, 2008 included:

December 3, 2007

Cross Canada Lecture Tour (CCLT) presented by Dr. Paul Mayne from the Georgia Institute of Technology. The presentation was titled "*Geotechnical Site Investigations by Piezocone for Near-Shore and Offshore Projects*".

Attendance approx. 12 people

April 3, 2008

Long-term effects of geotechnical processes - sensing, analysis and sustainability (webcast)

Prof. Dr. Kenichi Soga University of Cambridge, Dept. of Engineering, Cambridge, UK

Attendance: 16 people

April 24, 2008,

A Tale of Two Towers - Pisa and Big Ben (webcast)

Prof. Dr. John B. Burland, Emeritus Professor; Imperial College, London, UK

Attendance: 10 people

Finances

Current bank account balance is \$400.00.

**The Canadian Geotechnical Society
La Société canadienne de géotechnique
www.cgs.ca**

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