



## Vancouver Geotechnical Society

A Local Section of the Canadian Geotechnical Society

Visit : [www.v-g-s.ca](http://www.v-g-s.ca)

### 2010-2011 Executive Committee:

Chair	-Marc Bossé, exp	604-422-2164
Past-Chair	-Chris Anderson, Golder	604-296-4348
Program Director	-Ali Amini, Naesgaard Geotech.	604-984-0759
Treasurer	-(Kumar) S. Sriskandakumar, BGC	604-684-5900
Secretary	-Jason Pellett, EBA	604-685-0275
Registrar	-Andrea Loughheed, Thurber	604-684-4384
Web Manager	-Carl Kelman, Levelton	604-278-1411
CGS Director	-Uthaya Uthayakumar, exp	604-709-4639
Member-at-Large	-Mohsen Ghafghazi, BC Hydro	604-528-1491
Member-at-Large	-Abouzar Sadrekarimi, Golder	604-296-4200

## Summary of Activities of the Vancouver Section of the Canadian Geotechnical Society Vancouver Geotechnical Society prepared by Marc C. Bossé, Chair

### Introduction

This report is a summary of the activities of the Vancouver Geotechnical Society of the Canadian Geotechnical Society for the period from August 24, 2010 through March 22, 2011.

### Executive Committee

The 2010-2011 Executive Committee of the Vancouver Geotechnical Society consist of the following members:

<i>Chair:</i>	Marc C. Bossé, Trow Associates Inc., Burnaby, B.C.
<i>Past-Chair:</i>	Chris Anderson, Golder Associates Ltd., Burnaby, B.C.
<i>Secretary:</i>	Jason Pellett, EBA Engineering Consultants Ltd., Vancouver, B.C.
<i>Treasurer:</i>	S. Sriskandakumar, BGC Engineering Inc., Vancouver, B.C.
<i>Program Director:</i>	Ali Amini, Naesgaard Geotechnical Ltd., North Vancouver, B.C.
<i>Registrar:</i>	Andrea Loughheed, Thurber Engineering Ltd., Burnaby, B.C.
<i>Web Manager:</i>	Carl Kelman, Levelton Consultants Ltd., Richmond, B.C.
<i>CGS Director:</i>	M. Uthayakumar, Trow Associates Inc., Burnaby, B.C.
<i>Member at large:</i>	Mohsen Ghafghazi, BC Hydro, Burnaby, B.C.
<i>Member at large:</i>	Abouzar Sadrekarimi, Golder Associates Ltd., B.C.

### Activities

The VGS executive committee meets approximately once a month to organize technical presentations, social events, and to review issues relevant to the society membership. Generally, the executive meetings take place immediately before the monthly technical presentations. The attendance at the technical presentation typically ranges from about 60 to 100 persons. 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.

The VGS has scanned the past proceedings of the symposia and will make them available to the membership when the website has been transferred to its new host.

### Membership Information

At present the VGS had a regular paid membership of 229, student membership of 19, and a life membership of 15; for a total membership of 263. The membership is predominantly based in the Lower Mainland; however there is one member from Kelowna, and approximately half a dozen from Vancouver Island.

## **Meetings**

The meetings held to date, for the program year 2010/2011, were as follows:

*Annual General Meeting, October 5, 2010*

“Foundations for Thailand’s New International Airport”; Dr. Bengt Fellenius

*November 3, 2010*

Cross Canada Lecture Tour; “The Rudlingen Landslide Experiment”; Dr. Sarah Springman, Professor and Head of Geotechnics Group at Swiss Federal Institute of Technology

*December 14, 2010*

Joint meeting of the VGS and Vancouver Section of the Tunneling Association of Canada; “Nepal Library Foundation: a Canadian Charity”; Naresh Koirala

*January 25, 2011*

“Report on the Chilean Earthquake”; Dr. John Cassidy (not present); Dr. Carlos Ventura; Adrian Wightman

*February 8, 2011*

“Engineering Aspects of Geohazard Risk Assessment in the District of North Vancouver”; Heather Crow; Dr. Jorge Prieto

*March 2, 2011*

Hosted by the Georox group at UB, sponsored by the VGS; “Weak Sedimentary Rock Behaviour: Recent experience from slopes and underground excavations”; Dr. Derek Martin

*March 22, 2011*

“The Canada Line”; Dr. Roger Woodhead

*April 13, 2011*

Cross Canada Lecture Tour; “Deep Tunneling in Hard Brittle Rock”; Dr. Mark Diederichs, P.Eng., Professor, Queen’s University

*May 19, 2011*

“Seismically Induced Lateral Earth Pressures: A New Perspective”; Dr. Nicholas Sitar

*June 7, 2011*

“Excavation Support at the Bow Encana and Surrey Memorial Hospital”, Matthew Janes

In 2009 the VGS hosted a one-day short course on soil liquefaction by Dr.’s I.M. Idriss and R.W. Boulanger of the University of California (Davis). However, due to time constraints not all of the material was completed. Subsequently, on November 18, 2010 the VGS in concert with University of British Columbia hosted (at UBC) a half-day short course on liquefaction by Dr. R.W. Boulanger to fill in the gaps of the past years short course, and to discuss current liquefaction issues. The short course was offered free of charge for members of the VGS, CGS, and full-time students.

## **Financial Status**

The VGS’s operating budget is primarily funded by profits from past symposia, technical short courses, and conferences. As of August 26, 2011, the end of the VGS accounting year, the account balances were \$43,321.72, of which \$40,740.49 was invested in a business savings account at ING

Bank, with the remainder being used to fund regular operations. A brief report by the Treasurer is attached.

At the November 3, 2010 VGS executive meeting it was decided that the VGS scholarship at UBC was to be recapitalized such that the projected payout would not be less than \$1000. Pursuant to that, a cheque for the amount of \$12,000 was sent to the UBC Awards Department on March 3, 2011.

Prepared by:

Marc C. Bossé  
Chair, Vancouver Geotechnical Society

## VANCOUVER GEOTECHNICAL SOCIETY

Income Statement from August 24, 2010 to August 26, 2011

Compiled by (Kumar) S. Sriskandakumar, VGS Treasurer

**Opening Cash Balance** **\$77,702.09**

### Revenue

Membership Dues and Dinners	\$5,405.00
Interest (ING)	\$595.55
Interest (Royal Bank)	\$0.65
Refund	\$358.92
	<u>\$6,360.12</u>

### Expenses

VGS Meetings	\$19,522.65
VGS Executive Meetings	\$1,028.26
Complimentary Short Course	\$3,516.81
UBC Student Award	\$12,000.00
VGS-UBC Joint Events	\$1,584.24
Speaker Gifts and Honorariums	\$2,048.38
CGS Student Sponsorship	\$538.00
Internet Account Fees	\$271.33
Bank Fees	\$194.42
Misc.	\$36.40
	<u>\$40,740.49</u>

### Year End Closing Balance

Royal Bank	\$2,547.45
ING	<u>\$40,774.27</u>
	<b>\$43,321.72</b>

Treasurer's Summary (Monthly)

Period	Royal Bank				ING Direct			
	Opening Balance	Credits	Debits	Closing Balance	Opening Balance	Credits	Debits	Closing Balance
Sep, 2010	\$25,523.37	\$295.21	\$99.50	\$25,719.08	\$52,178.72	\$53.97	\$0.00	\$52,232.69
Oct, 2010	\$25,719.08	\$920.21	\$3,058.93	\$23,580.36	\$52,232.69	\$53.66	\$0.00	\$52,286.35
Nov, 2010	\$23,580.36	\$3,094.12	\$9,405.36	\$17,269.12	\$52,286.35	\$55.51	\$0.00	\$52,341.86
Dec, 2010	\$17,269.12	\$140.03	\$96.31	\$17,312.84	\$52,341.86	\$53.78	\$0.00	\$52,395.64
Jan, 2011	\$17,312.84	\$120.00	\$22.34	\$17,410.50	\$52,395.64	\$55.63	\$0.00	\$52,451.27
Feb, 2011	\$17,410.50	\$320.00	\$4,603.01	\$13,127.49	\$52,451.27	\$56.68	\$0.00	\$52,558.30
Mar, 2011	\$13,127.49	\$12,004.75	\$15,212.71	\$13,662.74	\$52,558.30	\$46.06	\$12,000.00	\$40,604.36
Apr, 2011	\$13,662.74	\$2,250.43	\$0.00	\$11,412.31	\$40,604.36	\$43.06	\$0.00	\$40,646.08
May, 2011	\$11,412.31	\$4,210.04	\$9.76	\$7,212.03	\$40,646.08	\$41.72	\$0.00	\$40,689.23
Jun, 2011	\$7,212.03	\$2,487.37	\$335.00	\$5,059.66	\$40,689.23	\$43.15	\$0.00	\$40,731.03
Jul, 2011	\$5,059.66	\$2,124.07	\$0.00	\$2,935.59	\$40,731.03	\$41.80	\$0.00	\$40,774.27
Aug 26, 2011	\$2,935.59	\$338.14	\$0.00	\$2,547.45	\$40,744.27	\$43.24	\$0.00	\$40,744.27

Note:

1. The period months run from the 24<sup>th</sup> through the 25<sup>rd</sup> (i.e. Aug 24, 2010 to Sep 25, 2010 is termed Sep, 2010).