



## Vancouver Geotechnical Society

A Local Section of the Canadian Geotechnical Society

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

### 2012-2013 Executive Committee:

Chair	- Andrea Lougheed, Thurber	604-684-4384
Past-Chair	- Jason Pellett, EBA	604-422-2164
Program Director	-Ali Amini, NGL	604-984-0759
Treasurer	-(Kumar) S. Sriskandakumar, BGC	604-684-5900
Secretary	- Ryan Mills, EBA	604-813-9026
Registrar	-Chris Longley, Stantec	604-340-5123
Web Manager	- Marc Bossé, Thurber	604-684-4384
CGS Director	- Jason Pellett, EBA	604-422-2164
Member-at-Large	- Carl Kelman, Levelton	604-278-1411
Member-at-Large	- Robyn Barnett, EBA	604-685-0275

## Summary of 2012-2013 Activities of the Vancouver Geotechnical Society, A local Section of the Canadian Geotechnical Society Prepared by Andrea Lougheed, Chair

### Introduction

This report is a summary of the activities of the Vancouver Geotechnical Society (VGS), a local Section of the Canadian Geotechnical Society, for the period August 25, 2012 to September 25, 2013.

### Executive Committee

The 2012-2013 VGS Executive Committee consisted of:

Chair:	Andrea Lougheed, Thurber Engineering Ltd., Vancouver, B.C.
Past-Chair:	Jason Pellett, EBA Inc., Vancouver, B.C.
Secretary:	Ryan Mills, EBA. Inc., Vancouver, B.C.
Treasurer:	(Kumar) S. Sriskandakumar, BGC Engineering Inc., Vancouver, B.C.
Program Director:	Ali Amini, Naesgaard Amini Geotechnical Ltd., North Vancouver, B.C.
Registrar:	Chris Longley, Stantec, Vancouver, B.C.
Web Manager:	Marc C. Bossé, Thurber Engineering Ltd., Vancouver, B.C.
CGS Director:	Jason Pellett, EBA Inc., Vancouver, B.C.
Members at large:	Carl Kelman, Levelton, Richmond, B.C. Robyn Barnett, EBA Inc., Vancouver, B.C.

### Activities

The VGS executive committee met about once a month to organize technical presentations, social events and to review issues relevant to the society. Generally, the executive meetings took place immediately before the monthly technical presentations. The attendance at the technical presentations typically ranged from 60 to 100 attendees. The executive also maintained regular contacts with other geotechnical groups in British Columbia and Washington State. Notices of events held by other similar local organizations were distributed to all VGS members in addition to notices of VGS events.

The website is currently in the process of being re-done and should be available in the 2013-2014 fiscal year.

## Membership Information

As of September 25, 2013, the VGS had paid membership of 269 and life membership of 15; for a total membership of 284. The membership was predominantly based in the Lower Mainland.

## Meetings

For the year 2012-2013, the following VGS meetings were held:

September 12, 2012 - Annual General Meeting

*“Seismic Hazard Analysis in British Columbia: Where Have We Been? Where Are We Headed?”*  
Tim Little, P.Eng., T.E. Little Engineering

October 29, 2012 – 2012 Fall Cross-Canada Lecture Tour

*“Flaws in the NCEER Liquefaction Assessment Method and How To Fix Them”*  
Mike Jefferies, P.Eng., Golder Associates

November 20, 2012

*“Influence of Ex-Solved Gases on Slope Performance at the Sarnia Approach Cut to the St. Clair Tunnel”*  
Dr. Paul Dittrich, Ph.D., P.Eng., Golder Associates

December 11, 2012 – TAC-VGS Holiday Social

*“A Case History – John Hart North Earthfill Dam Jet Grout Wall Construction”*  
David Sui, P.Eng., BC Hydro

January 22, 2013

*“Temporary Tower Foundations for the New San Francisco-Oakland Bay Bridge Self-Anchored Suspension Span”*  
Dr. Alex Sy, Ph.D., P.Eng., Klohn Crippen Berger

February 6, 2013

*“Lessons Learned from Full-Scale Measurements of Soil-Structure Interaction for Municipal Infrastructure Repair and Renewal”*  
Dr. Richard Brachman, Ph.D., P.Eng., GeoEngineering Centre at Queen’s-RMC

March 14, 2013

*“How to Try to Reduce a 3 m<sup>3</sup>/sec Leakage in a 100 metre High Natural Dam Using Jet-Grouting Technology”*  
Paolo Gazzarrini, P.Eng., Sea To Sky Geotech Inc.

April 18, 2013 – 2013 Spring Cross-Canada Lecture Tour

*“Case Studies in Soil Parameter Selections for Clay Foundations”*  
Bob Cameron, P.Eng., Syncrude Canada Ltd.

May 8, 2013

*“Paleoseismology: Has It Reduced Seismic Hazards, and If Not, How Do We Change Course?”*  
Dr. James McCalpin, Ph.D., P.Eng., GEO-HAZ Consulting Inc.

June 7, 2013 – 21<sup>st</sup> VGS Symposium

*“Foundation and Lifeline Engineering”*

## **Financial Status**

The VGS's operating budget was primarily funded by profits from past symposia, technical short courses and conferences. As of September 20, 2015, the end of the VGS accounting year, the account balances were \$51,197.14, of which \$21,327.40 was invested in a business savings account at Tangerine Bank (formally ING Direct), with the remainder being used to fund regular operations. A brief report by the Treasurer is attached.

Prepared by:

Andrea Lougheed  
Chair, Vancouver Geotechnical Society

## VANCOUVER GEOTECHNICAL SOCIETY

Income Statement from August 26, 2012 to August 25, 2013

Compiled by (Kumar) S. Sriskandakumar, VGS Treasurer

### Opening Cash Balance

Royal Bank	\$22,845.39
ING	\$21,115.53
Hotel Credit	\$100.00
Registrar Float	\$70.00
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	<b>\$44,130.92</b>

### Revenues

Membership Dues and Dinners	\$7,539.92
VGS Symposium	\$50,640.00
Interest (ING)	\$211.87
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	<b>\$58,391.79</b>

### Expenses

VGS Meetings and Speaker Honorariums	\$15,569.88
VGS-UBC Joint Events	\$609.84
CCLT	\$2,650.20
VGS Symposium	\$32,204.46
Internet Account Fees	\$191.76
Bank Fees	\$99.43
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	<b>\$51,325.57</b>

### Year End Closing Balance

<b>Royal Bank</b>	<b>\$29,769.74</b>
<b>ING</b>	<b>\$21,327.40</b>
<b>Registrar Float</b>	<b>\$100.00</b>
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	<b>\$51,197.14</b>

Treasurer's Summary (Monthly Bank Balances)

Period	Royal Bank				ING Direct			
	Opening Balance	Credits	Debits	Closing Balance	Opening Balance	Credits	Debits	Closing Balance
Sep, 2012	22,845.39	815.00	1,352.18	22,308.21	21,115.53	17.88	0.00	21,133.41
Oct, 2012	22,308.21	175.00	345.15	22,138.06	21,133.41	17.32	0.00	21,150.73
Nov, 2012	22,138.06	3,050.00	2,403.71	22,784.35	21,150.73	17.91	0.00	21,168.64
Dec, 2012	22,784.35	0.00	3,661.15	19,123.20	21,168.64	17.35	0.00	21,185.99
Jan, 2013	19,123.20	0.00	5.75	19,117.45	21,185.99	17.94	0.00	21,203.93
Feb, 2013	19,117.45	1,700.00	7,233.53	13,583.92	21,203.93	18.01	0.00	21,221.94
Mar, 2013	13,583.92	0.00	6.09	13,577.83	21,221.94	16.28	0.00	21,238.22
Apr, 2013	13,577.83	14,130.00	1,862.46	25,845.37	21,238.22	18.04	0.00	21,256.26
May, 2013	25,845.37	15,793.92	3,101.86	38,537.43	21,256.26	17.47	0.00	21,273.73
Jun, 2013	38,537.43	20,295.00	6,698.99	52,133.44	21,273.73	18.07	0.00	21,291.80
Jul, 2013	52,133.44	1,929.00	24,028.18	30,034.26	21,291.80	17.50	0.00	21,309.30
Aug, 2013	30,034.26	262.00	526.52	29,769.74	21,309.30	18.10	0.00	21,327.40

Note:

1. The period months run from the 26<sup>th</sup> through the 25<sup>th</sup> (i.e. Aug 26, 2012 to Sep 25, 2012 is termed Sep, 2012).