



Vancouver Geotechnical Society

A Local Section of the Canadian Geotechnical Society

Visit : www.v-g-s.ca

2013-2014 Executive Committee:		
Chair	- Ryan Mills, Tetra Tech EBA	604-685-0275
Past-Chair	- Andrea Lougheed, Thurber	604-684-4384
Program Director	- Ali Amini, NAGL	604-984-0759
Treasurer	-(Kumar) S. Sriskandakumar, BGC	604-684-5900
Secretary	-Chris Longley, Stantec	604-340-5123
Registrar	-Robyn Barnett, Tetra Tech EBA	604-685-0275
Web Manager	-Marc Bossé, Thurber	604-684-4384
CGS Director	-Jason Pellett, Tetra Tech EBA	604-685-0275
Member-at-Large	-Carl Kelman, Levelton	604-278-1411
Member-at-Large	-Mike Hopson, Nilex	604-420-6433

Summary of Activities of the Vancouver Section of the Canadian Geotechnical Society Vancouver Geotechnical Society prepared by Ryan W.J. Mills, Chair

Introduction

This report is a summary of the activities of the Vancouver Geotechnical Society of the Canadian Geotechnical Society for the period from September 25, 2013 through September 18, 2014.

Executive Committee

The 2013-2014 Executive Committee of the Vancouver Geotechnical Society consist of the following members:

<i>Chair:</i>	Ryan W.J. Mills, Tetra Tech EBA Inc., Vancouver, B.C.
<i>Past-Chair:</i>	Andrea Lougheed, Thurber Engineering Ltd., Vancouver, B.C.
<i>Secretary:</i>	Chris Longley, Stantec Inc., Vancouver, B.C.
<i>Treasurer:</i>	Kumar Sriskandakumar, BGC Engineering Inc., Vancouver, B.C.
<i>Program Director:</i>	Ali Amini, Naesgaard Geotechnical Ltd., North Vancouver, B.C.
<i>Registrar:</i>	Robyn Barnett, Tetra Tech EBA Inc., Vancouver, B.C.
<i>Web Manager:</i>	Marc C. Bossé, Thurber Engineering Ltd., Vancouver, B.C.
<i>CGS Director:</i>	Jason Pellett, Tetra Tech EBA Inc., Vancouver, B.C.
<i>Member at large:</i>	Carl Kelman, Levelton Consultants Ltd., Richmond, B.C.
<i>Member at large:</i>	Mike Hopson, Nilex, Burnaby, 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 248, student membership of 24, and a life membership of 16; for a total membership of 288. The membership is predominantly based in the Lower Mainland.

Meetings

The meetings held to date, for the program year 2013/2014, were as follows:

Annual General Meeting, September 25, 2013

“Rock Falls – Developments in modelling and design of protection structures”; Mr. Duncan Wyllie, P.Eng., Wyllie & Norrish Rock Engineers

2013 Fall Cross Canada Lecture Tour, October 21, 2013

“Evaluating the Seismic Coefficient for Slope Stability and Retaining Wall Design”; Mr. Edward Kavazanjian, Jr., Ph.D., P.E., Ph.D., NAE, Arizona State University

November 13, 2013

“Critical Role of Laboratory Characterization in Geotechnical Modeling and Practice”; Dr. Yogi Vaid, Professor emeritus, University of British Columbia

2013 TAC/VGS Holiday Social - November 26, 2013

“Klohn Crippen Berger Clean Water Initiative in Honduras in Cooperation with UrbanPromise Hondura”; Monta Maeda, Klohn Crippen Berger

December 4, 2013

“Estimation of Parameters for Seismic Design in Peru”; Dr. Manuel Monroy, Golder Associates Limited

January 22, 2014

“South Fraser Perimeter Road Project”; Dr. (Uthaya) M. Uthayakumar, Ph.D., P.Eng., Tetra Tech EBA

February 6, 2014

“Critical State Soil Mechanics: 125 Years of History to Current Engineering Use”; Mr. Mike Jefferies, P.Eng., Golder Associates Limited

April 16, 2014

“Less is More: Step Zero and Back of the Envelope Calculations”; Professor David Muir Wood, University of Dundee

2014 Spring Cross Canada Lecture Tour – May 7, 2014

“Embankment Deformations Include Creep in Compression and Shear”; Dr. Jim Graham, Ph.D., DSc, FEIC, P.Eng., Professor Emeritus, University of Manitoba

VGS Short Course - May 22 & 23, 2014

“A Fresh Perspective on Soil Mechanics with Application to Geotechnical Design”; Professor Malcolm Bolton, FEng, Cambridge University, UK

May 26, 2014 – Joint UBC-VGS Lecture

“Centrifuge Modelling: Expecting the Unexpected”; Professor Malcolm Bolton, FEng, Cambridge University, UK

22nd VGS Symposium - June 13, 2014

“Foreshore Engineering”

Financial Status

The VGS's operating budget is primarily funded by profits from past symposia, technical short courses, and conferences. As of September 11, 2014, the end of the VGS accounting year, the account balances were \$50,321.25, of which \$38,720.66 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.

The Local Organizing Committee of the CGS's GeoVancouver 2016 approached the VGS for seed money for their conference. The VGS was able to offer \$10,000 during the 2013/2014 year and will provide another \$10,000 during the 2014/2015 year. This money, and a share in profit from the conference, are to be returned to the VGS upon the conclusion of the conference, allocated in accordance with a memorandum of understanding signed between the VGS, CGS and Local Organizing Committee.

Prepared by:

Ryan W.J. Mills
Chair, Vancouver Geotechnical Society

VANCOUVER GEOTECHNICAL SOCIETY

Income Statement from August 26, 2013 to September 11, 2014

Compiled by (Kumar) S. Sriskandakumar, VGS Treasurer

Opening Cash Balance **\$51,197.14**

Revenue

Membership Dues and Dinners \$6,675.00

Short Course \$34,900.00

Symposium \$47,904.60

Bank Interest and Credits \$201.26

\$89,680.86

Expenses

VGS Meetings \$12,499.34

CCLT \$2,981.89

CGS Conference Student Sponsorship \$296.31

Short Course \$30,645.77

Symposium \$34,048.38

2016 GeoVancouver Seed Money \$10,000.00

Bank Fees \$85.06

\$90,556.75

Year End Closing Balance

Royal Bank **\$38,720.66**

ING **\$11,500.59**

Registrar Float **\$100.00**

\$50,321.25

Treasurer's Summary (Monthly)

Period	Royal Bank				ING Direct			
	Opening Balance	Credits	Debits	Closing Balance	Opening Balance	Credits	Debits	Closing Balance
Sep, 2013	29,769.74	0.00	5.75	29,763.99	21,327.40	18.11	0.00	21,345.51
Oct, 2013	29,763.99	2,670.00	1,610.11	30,823.88	21,345.51	17.54	0.00	21,363.05
Nov, 2013	30,823.88	775.00	3,939.42	27,659.46	21,363.05	18.14	0.00	21,381.19
Dec, 2013	27,659.46	0.00	5.75	27,653.71	21,381.19	17.57	0.00	21,398.76
Jan, 2014	27,653.71	1,157.62	7,772.24	21,039.09	21,398.76	18.17	0.00	21,416.93
Feb, 2014	21,039.09	11,660.00	13,019.39	19,679.70	21,416.93	17.09	10,000.00	11,434.02
Mar, 2014	19,679.70	0.00	4,630.37	15,049.33	11,434.02	8.77	0.00	11,442.79
Apr, 2014	15,049.33	26,410.00	1,079.73	40,379.60	11,442.79	9.72	0.00	11,452.51
May, 2014	40,379.60	36,782.37	16,019.78	61,142.19	11,452.51	9.41	0.00	11,461.92
Jun, 2014	61,142.19	19,026.41	32,505.15	47,663.45	11,461.92	9.73	0.00	11,471.65
Jul, 2014	47,663.45	218.89	373.11	47,509.23	11,471.65	9.43	0.00	11,481.08
Aug, 2014	47,509.23	400.00	3,518.94	44,390.29	11,481.08	9.75	0.00	11,490.83
11-Sep-14	44,390.29	1,890.00	7,559.63	38,720.66	11,490.83	9.76	0.00	11,500.59