



**Canadian Geotechnical Society**  
**Société canadienne de géotechnique**

**Section Report**

2015 Annual Report

July 1, 2014 to June 30, 2015

**Section 1: General**

Name of CGS Section: Northern Alberta, Yukon, and the Northwest Territories

Date of report: 31 July 2015

Prepared by: Seán Mac Eoin

Section Director: Seán Mac Eoin

End of Term: 31 December 2016

CGS website address: [http://www.cgs.ca/section\\_northern\\_alberta.php](http://www.cgs.ca/section_northern_alberta.php)

Last time your Section's CGS website was updated: Executive: 2013, Events: 2015

If the Section has a separate website please provide address: [www.geotechnical.ca](http://www.geotechnical.ca)

Is there a link to the CGS website?: Yes

**Section 2: Current Executive Committee Members and their Affiliations (employers or universities) – what should be published on the CGS website**

President: Ken Froese, Thurber Engineering

Past President: Allister MacIsaac, Opsens Solutions

Vice President: Renato Macciotta, University of Alberta

Secretary: Christina Tatarniuk, City of Edmonton

Program Chair: Patrick Mah, Worley Parsons

Treasurer: Kim Askew, BGC Engineering

Registrar: Don Lewycky, City Edmonton

Website: Ken Froese, Thurber Engineering (also President)

Executive Members: Lijun Deng, University of Alberta

Hilton Barnes, Northern Alberta Institute of Technology

Student Member: TBD

Members at Large: Murray Innes, Mobile Augers and Research Ltd.

Junwen Yang, AMEC

Alma Ornes, BGC Engineering

Ala Obeid, Tetrattech EBA

Armando Abello, Levelton Consultants

Adam Gmeinwaser, Thurber Engineering

**Section 3: Number of Section Members**

Executive members: 15

Total members (if possible, student and non-student members): 15/247

Total CGS members (if possible student and non-student members): 76

Comments (point form)

- Only 5 Retired or Unemployed members

**Section 4. Finances**

Balance (as of June 30, 2015): \$ 44,180

Does your Section charge its members an annual fee? Yes

If so, how much? \$15

Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes  
 Is your Section aware of the CGS Lecture Supplement Program (Awards Manual Section C-4)? Yes  
 Is your Section sponsoring a Student/MIT to attend GéoQuébec 2015 (Admin Manual App 12)? Yes

### Section 5. Annual Conference / Board of Directors Meeting

Are you planning to attend the GéoQuébec 2015? Yes

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda?

- For those Sections which have their own website, should their information be duplicated on their CGS webpage, or should this page only contain a link to the Section's own website? If the CGS webpage is to contain full Section information, who will update this?

<b>Section 6. Activities</b>			
<b>Date</b>	<b>Speaker/Other</b>	<b>Topic/Subject</b>	<b>Attendance</b>
16 September 2014	Annual Fall Wine & Cheese Event	<u>Alma Ornés</u> (recent M.Sc. Graduate) on "Effects of vugs on the strength and stiffness of carbonate samples under uniaxial compression" and <u>Elena Zabolotnij</u> (current M.Sc. student) on "Notes on Long Term Stability in Regina Clay Embankments"	52
6 November 2014	Tim Keegan and Matthew Sturzenegger, Klohn Crippen Berger	Construction of a composite barrier wall/rock shed structure at mile 109.43 of CNR's Ashcroft Subdivision and LiDAR and discrete fracture network modeling for rockslide characterization and analysis	55
25 November 2014	GSE/CGS Cross Canada Lecture Tour: Dr. Ryan Phillips, C-Core	Pipeline-soil interaction: Flowing hot and cold	47
28 January 2015	Roger Skirrow, Alberta Transportation	Government of Alberta Response to 2013 Flooding	55
19 February 2015	GSE/CSCE Joint Presentation: Steven Chan, City of Edmonton	Climate Change Impacts on Edmonton's Drainage Infrastructure	N/R
25 March 2015	Dr. Ward Wilson, Oil Sands Tailings Research Facility	Innovations in Oil Sand Tailings Geotechnique	31
13 April 2015	N/A	13 <sup>th</sup> Annual Applied Geotechnical Engineering Design Contest: Reinforced Soil Wall	N/R
7 May 2015	GSE AGM: Dr. James Mitchell, Virginia Tech	Lessons from the Lives of Two Dams	90
12 May 2015	CGS Cross-Canada Lecture Tour Dr. Nicholas Sitar, University of California, Berkley	On the Importance of Kinematics in the Analysis of (Large) Landslides	75
22 May 2015	Dr. Bolton, Cambridge University Dr. Vardanega, University of Bristol	A Fresh Perspective on Soil Mechanics with Applications to Geotechnical Design	55
<b>TOTAL RECORDED ATTENDANCES</b>			<b>463</b>

N/R: Not recorded by the GSE.

### Section 7. Additional general information or comments

The GSE will apply to host the 2018 Annual Conference.