



## Vancouver Geotechnical Society

A Local Section of the Canadian Geotechnical Society

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

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## NOTICE OF UPCOMING DINNER PRESENTATION THURSDAY, NOVEMBER 26, 2009

**SUBJECT:** North Beach Rock Slide – A Case History

**SPEAKER:** Stephen M. Bean, M.Eng., P.Eng.  
Principal and Director, Thurber Engineering Ltd., Victoria, BC

Mr. Stephen M. Bean is a practicing geotechnical and geological engineer with some 25 years of experience on a wide range of projects throughout British Columbia and Alberta. His wide range of assignments have included geological mapping, site investigations, foundation design, bedrock and soil slope stability, rock anchor design, terrain analyses, retaining wall design, blast vibration monitoring and instrumentation installation. He received his B.A.Sc. in Geological Engineering from the University of British Columbia in 1985 and his M.Eng. in Geotechnical Engineering from the University of Alberta in 1991. Mr. Bean is currently a Principal and Director of the Thurber Group.

**CONTENT:** The North Beach Rock Slide developed on the afternoon of October 24, 2008 during construction of the Bentley Road to Okanagan Lake Park section of Highway 97. The slide involved about 155,000 m<sup>3</sup> of rock and forced the closure of Highway 97 for 17 days. Mr. Stephen Bean, P.Eng. of Thurber Engineering Ltd. in Victoria was retained as an advisor to the Ministry of Transportation and Infrastructure to provide rock slope stability analysis, review of movement monitoring results and recommendation options for stabilization. Mr. Bean will present a case history of the slide that will discuss the slide mechanics, movement monitoring results, stability analysis and stabilization options.

**DETAILS** **Executive Inn**, 4201 Lougheed Highway, Burnaby, BC V5C 3Y6 (Phone: 604-298-2010)  
**Social Hour:** 5:30 to 6:30 pm (drinks available at the hotel bar)  
**Technical Presentation:** 6:30 to 7:30 pm  
**Dinner:** 7:45pm (\$10 will be charged for dinner to cover a small portion of the cost.)  
**RSVP:** Dinner reservation to [cwilliams@golder.com](mailto:cwilliams@golder.com) by Friday, November 20, 2009