



Vancouver Geotechnical Society

A Local Section of the
Canadian Geotechnical
Society

www.v-g-s.ca

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NOTICE OF UPCOMING TECHNICAL PRESENTATION Wednesday, February 21, 2018

TOPIC: Roberts Bank Terminal 2 Site Investigation Case History

SPEAKER: Jamie Sharp, P.Eng. – ConeTec Group

Jamie Sharp is a geotechnical engineer with over 20 years of experience conducting and managing site investigation projects around the world for ConeTec. Jamie currently leads the ConeTec group of companies. ConeTec is a full service geotechnical, geoenvironmental, and mining site investigation contractor with offices throughout the America's. The ConeTec group includes Mud Bay Drilling in Canada and California Push Technologies in California.

CONTENT: ConeTec completed a large and comprehensive nearshore geotechnical site investigation in the summer and fall of 2016 on behalf of the Port of Vancouver. This case history covers the preparation, execution, and initial data analysis aspects of the site investigation.

The proposed Roberts Bank Terminal 2 Project will be a new three-berth container terminal at Roberts Bank in Delta, BC. The site will be located on reclaimed land immediately NW of the existing terminal, with water depths ranging from 4 m to 25 m. The field investigation included deep CPTu and SCPTu testing, downhole seismic testing, electric Vane Shear Tests, and sonic/mud-rotary boreholes with disturbed and undisturbed sampling. Concurrent with the field work, a comprehensive laboratory program was conducted by others.

This presentation will cover innovations made and challenges faced while performing a nearshore site investigation for a major port terminal in a high-risk seismic environment.

DETAILS: **Location:** Executive Inn, 4201 Lougheed Highway, Burnaby, BC V5C 3Y6
Social Hour: 5:30 to 6:30 pm (drinks available at the hotel bar)
Technical Presentation: 6:30 to 7:30 pm (No need to RSVP)
Dinner: 8:00 pm (\$20 will be charged for dinner). If you would like to stay for dinner, please RSVP to Tim Morton via email (timothy.morton@ghd.com) or at the door.