

# Stuart Hrysio, P.Eng.

## Geotechnical Project Engineer

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### Summary

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Mr. Hrysio is a Geotechnical Engineer experienced in geotechnical exploration, testing, design and reporting for private development and public infrastructure projects throughout the Lower Mainland and British Columbia. Experience has also included quality management and contract administration responsibilities during construction of highway and low-level earth dam projects.

### Professional Experience

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*2008 - Present*

Braun Geotechnical Ltd.  
Geotechnical Project Engineer

*2001 - 2008*

Trow Associates Inc. (formerly Terra Macleod Engineering Ltd.)  
Geotechnical Project Engineer

### Education

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B.Eng., Civil Engineering, 2001  
Lakehead University

Civil and Structural Technology, 1999  
British Columbia Institute of Technology

### Professional Affiliations

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Association of Professional Engineers and Geoscientists of British Columbia  
Vancouver Geotechnical Society – Program Director 2005 to Present

### Project Experience

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#### Geotechnical Engineering

- South Peace Hill Highway No. 97 Realignment, Taylor, BC
- UPS Parcel Distribution Facility at YVR, Richmond, BC
- Newton Secondary School, Surrey, BC
- MoT – Rock Hazard Rating System, Annual Review, Southern BC
- Sea-to-Sky Improvement Project, DB8, 12 & 13, Hwy 99, BC
- Ridge Meadows Hospital Addition, Maple Ridge, BC
- Townhome Development, Burnett St., Maple Ridge, BC

## **Dam Assessment / Rehabilitation Design & Construction Review**

- Gustafsen Lake Dam, 100-mile House, BC
- Rose Lake Dam, Williams Lake, BC
- Niskonlith Lake Dam, Chase, BC
- Fountain Lake Dam, Lillooet, BC (Assessment)
- Eagle Lake Dam, West Vancouver, BC (Concept Design)

## **Pavement Studies**

- Centerm Terminal, Vancouver, BC
- Sea-to-Sky Highway: DB 8, 12, 13, Hwy 99, BC
- Surrey Roads, Arterial Road Upgrades, Surrey, BC
- Capilano Road, Fullerton Ave. to Highway 1, North Vancouver, BC
- Williams Lake Air Tanker Base Pavement Condition Report, Williams Lake, BC

## **Piling**

- City Gate Phases 4 & 6, Vancouver, BC
- Omega Fish Farms Facility, Ocean Falls, BC
- Cheakamus River Bridge, Hwy 99, BC

## **Quality Management**

- South Peace Hill Highway No. 97 Realignment, Taylor, BC
- Lions Gate Bridge Rehabilitation, Vancouver, BC

## **Materials Testing**

Mr. Hrysio is experienced in materials testing. His work has included testing of soil and granular materials; asphalt material pavement inspection and laboratory testing; Benkelman beam rebound testing and full-time on-site sampling, testing and inspection of Concrete and Roller Compacted Concrete.