

Will Halleran, P.Geo., L.Eng.

2014

Geoscientist, Geotechnical specialist, Engineer (Ltd.)



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Current Position: Senior Geotech, Apex Geoscience Consultants Ltd. Nelson

Bio: Will is the Co-Founder and President of Apex Geoscience Consultants Ltd. and has worked as a geoscientist for over 30 years both in Canada and internationally. Will started his career as an exploration geoscientist in the Yukon and northern BC regions. Will graduated from UBC in 1983 with a BSc in Geology. In the mid 1990's Will returned to UBC and received additional training and certification in the field of geotechnics (geoscientist engineer (LEng)).

Will has extensive experience in geological and terrain stability mapping and assessment, erosion control techniques, drainage control, landslide remediation prescriptions and road design in unstable and erodible terrain.

Will's unique background in both geology and geotechnics enables him to combine a comprehensive understanding of the behavior of subsurface and surface materials and natural geological processes with an expertise in slope remediation methods to provide clients with effective and cost efficient solutions..

EDUCATION

1983 BSc Geology – University of British Columbia
1995 Certificate in Terrain Mapping, UBC, Cont. Studies
1996 Basic Principles of Forest Soils, Selkirk Continuing Education.
1998 Soil Bioengineering For Forest Land Reclamation and Stabilization, Richmond, BC.

EXPERIENCE

April 1997 to Present

Owner/Consulting Geoscientist of Apex Geoscience Consultants Ltd. Located in Nelson BC

I provide expertise and professional advice in the fields of terrain stability, geotechnical mapping and assessment, resource road design, landslide investigation and remediation for the resource development sector, community water user groups and private land owners.

Feb. 1994 to April 1997

Consulting geoscientist in association with Bill Wells P.Ag. and Dave Putt P.Ag. P.Geo., for Appropriate Forest Services (AFS), Kalso, BC.

Work undertaken included terrain stability and soil erosion mapping and terrain stability field assessments in the Nelson Forest Region

Feb. 1978 to April
1994

Mineral exploration geologist.

Responsibilities included undertaking geological surveys and mineral exploration programs throughout British Columbia, the Yukon, N.W.T and Belize and producing geological maps and reports for the mineral exploration industry.

QUALIFICATIONS

Member in good standing with the B.C. Association of Professional Engineers and Geoscientists.

Member of the Division of Engineers and Geoscientists working in the Resource Sector (DEGIRS).

Member in good standing with Alberta Association of Professional Engineers and Geoscientists

PUBLICATIONS

Green, K.C. and W.H. Halleran, (2001). Drainage Plans – A Comprehensive planning tool in high risk terrain. In Terrain Stability and Forest Management in the Interior of British Columbia: Workshop Proceedings, May 23-25, 2001. Nelson, B.C.

RECENT PROJECTS (PARTIAL LISTING)

Geotechnical investigations

- 2011, Detailed Terrain Stability Field Assessment, Maple Leaf Forestry Ltd. B.C. Timber Sales Kootenay Business Area, Invermere Section, TSLA88450 Block #4, Bugaboo Area.
- 2011, Site Review Field Assessment, Maple leaf Forestry Lt., B.C. Timber Sales, Kootenay Business Area, Invermere Section, TSLA45963-1, Edwards Moscow Creek Area.
- 2011, Terrain Stability Field Assessment and Sediment Delivery Risk Assessment, Maple Leaf Forestry Ltd., B.C. Timber Sales, East Kootenay Field Unit, TSLA85717 Block 4, Mark Creek Area,
- 2011, Reconnaissance terrain stability mapping on Tembec's MF#27 in the St. Mary's and Elk Valley areas.
- 2011, Kemess South Mine, British Columbia, Dam Face Erosion Repairs and Borrow Pit #10 Drain Construction.
- 2011, Detailed Terrain Stability Field Assessment, Kalesnikoff Lumber Company, Upper Rover Creek Area. CP 44 Blocks 1 and 2.
- 2011, Detailed Terrain Stability Field Assessment Kalesnikoff Lumber Company, Duhamel Creek Area, Road 300 and Spur 310 CP 40.
- 2011, Teck Greenhills Operation, Gully Remediation Elkford B.C.
- 2011, Hyrological Risk Analysis for Etna Creek, Braunagel Creek and No Name North and South

Creeks, prepared for Tembec B.C. Division, Cranbrook, B.C. Hydrological Risk Analysis for Etna Creek, Braunagel Creek and No Name North and South Creeks (2011). Prepared for Tembec, Kootenay South Division, Cranbrook B.C

- 2012 Detailed Terrain Stability Assessment for A20213 CP107 BLK 188 Topaz Creek area (082F017). Prepared for Hushcroft Lumber Ltd., Creston BC
- 2012 Detailed Terrain Stability Field Assessment Tembec Industries, Cranbrook Division Portions of proposed road (R04814 Sec C) in the Birch Creek Drainage (CP 183). Tembec, Cranbrook BC.
- 2013 Duhamel Creek Channel and Slide Investigation (2013). Prepared for Kalesnikoff Lumber Co. Ltd. Thrums. BC.
- 2013 Detailed terrain stability field assessment TSL A9048, Lavington Creek Area (82K010, 82J001) Maple Leaf Forestry Ltd. East Kootenay Field Unit.

SELECTED CONFERENCES AND TECHNICAL SESSIONS

- 11th annual Vancouver Geotechnical Society Symposium; Forestry Geotechnique & Resource Engineering, May 1997.
- Terrain Stability and Forest Management in the Interior of British Columbia May 23-25, 2001 Nelson, British Columbia, Canada .
- 2001 Interior Forest Site Rehabilitation Workshop, April 10-11, 2001.
- International Conference on Landslide Risk Management, Vancouver, Canada 31 May- 3 June 2005.
- APEGBC Annual Conferences DEGIFS Technical sessions 1999, 2002, 2003, 2005, 2008.