



## Geotechnical Report Guidelines

The purpose of this document is to provide assistance to engineers, geoscientists, property owners and developers relating to the submission of reports and assessments for flood related and landslide hazards. The reports are typically required at the time of rezoning, or building permit application, to aid in the evaluation of a properties suitability for a certain use or development.

By ensuring that the reports conform to the following standards and contain the following information applicants can avoid unnecessary delays and expenses.

### 1. Signed and Sealed Reports

Reports are to be prepared, **signed and sealed** by a Professional Engineer registered in British Columbia with the appropriate qualifications and experience.

### 2. Report Content

- a. The reports should be prepared and certified in accordance with good engineering practice.
- b. Where appropriate, reports should be developed with consideration given to the most recent version of the documents titled “Guidelines for Legislated Landslide Assessments for Proposed Residential Development In British Columbia” and “Professional Practice Guidelines—Legislated Flood Assessments in BC.”
- c. The report should clearly describe the development that is the subject of the report, including any associated vegetation removal or soil disturbance.
- d. The report should clearly describe the location of the proposed development.
- e. The report should certify the suitability of the land for the use intended and indicate if the land may be used safely for the use intended without an undue risk of hazards.



- f. The report should outline any hazards which may affect the development and use of the property. An example of the applicable hazards are flooding, ground water flows, mud flows, erosion, subsidence, and land slip.
  - g. If the report identifies any hazards or site conditions which may potentially impact the safe use or development of the land the report should clearly identify all relevant restrictions, conditions and/or limitations of the use and development of the land necessary to ensure the safe use and development of the property. For example the report may identify the need for:
    - further geotechnical investigations;
    - a construction management plan monitored by the geotechnical engineer.
    - restrictions on the use of the land or buildings;
    - specific conditions for the use or development of the land or buildings;
    - establishing safe setback lines from any watercourse, steep slopes or hazard areas;
    - retention of existing or the planting of new vegetation;
  - h. The report should provide a statement which acknowledges that the Regional District of Bulkley-Nechako may rely upon the engineer's recommendations for the development and use of the property when making a decision on any approvals related to the development or use of the property.
3. If the report identifies any hazards or site conditions which may potentially impact the safe use or development of the land or an adjacent property, the report may be required to be registered on title as an attachment to a covenant under Section 219 of the *Land Title Act*. The covenant must, among other things, require that the lands are used in accordance with the recommendations contained in the report.

For more information

Contact the Planning Department at the RDBN Office at 37 3rd Avenue, Box 820, Burns Lake, BC, V0J 1E0  
Call us at: (250) 692-3195 or toll free in BC 1-800-320-3339 Fax: (250) 692-3305

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