

# LANDSLIDE ASSESSMENT ASSURANCE STATEMENT

Notes: This statement is to be read and completed in conjunction with the Engineers and Geoscientists BC *Professional Practice Guidelines – Landslide Assessments in British Columbia* (“the guidelines”) and the current *BC Building Code (BCBC)*, and is to be provided for Landslide Assessments (not floods or flood controls), particularly those produced for the purposes of the *Land Title Act*, *Community Charter*, or *Local Government Act*. Some jurisdictions (e.g., the Fraser Valley Regional District or the Cowichan Valley Regional District) have developed more comprehensive assurance statements in collaboration with Engineers and Geoscientists BC. Where those exist, the Qualified Professional is to fill out the local version only. Defined terms are capitalized; see the Defined Terms section of the guidelines for definitions.

To: The Approving Authority (or Client)

Date: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
Jurisdiction/name and address

With reference to (CHECK ONE):

- A. *Land Title Act* (Section 86) – Subdivision Approval
- B. *Local Government Act* (Sections 488 and 491) – Development Permit
- C. Community Charter (Section 56) – Building Permit
- D. Non-legislated assessment

For the following property (the “Property”):

\_\_\_\_\_  
Civic address of the Property

The undersigned hereby gives assurance that they are a Qualified Professional and a professional engineer or professional geoscientist who fulfils the education, training, and experience requirements as outlined in the guidelines.

I have signed, authenticated, and dated, and thereby certified, the attached Landslide Assessment Report on the Property in accordance with the guidelines. That report must be read in conjunction this statement.

In preparing that report I have:

[CHECK TO THE LEFT OF APPLICABLE ITEMS]

- \_\_\_ 1. Collected and reviewed appropriate background information
- \_\_\_ 2. Reviewed the proposed Residential Development or other development on the Property
- \_\_\_ 3. Conducted field work on and, if required, beyond the Property
- \_\_\_ 4. Reported on the results of the field work on and, if required, beyond the Property
- \_\_\_ 5. Considered any changed conditions on and, if required, beyond the Property
- 6. For a Landslide Hazard analysis or Landslide Risk analysis, I have:
  - \_\_\_ 6.1 reviewed and characterized, if appropriate, any Landslide that may affect the Property
  - \_\_\_ 6.2 estimated the Landslide Hazard
  - \_\_\_ 6.3 identified existing and anticipated future Elements at Risk on and, if required, beyond the Property
  - \_\_\_ 6.4 estimated the potential Consequences to those Elements at Risk
- 7. Where the Approving Authority has adopted a Level of Landslide Safety, I have:
  - \_\_\_ 7.1 compared the Level of Landslide Safety adopted by the Approving Authority with the findings of my investigation
  - \_\_\_ 7.2 made a finding on the Level of Landslide Safety on the Property based on the comparison
  - \_\_\_ 7.3 made recommendations to reduce Landslide Hazards and/or Landslide Risks

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8. Where the Approving Authority has **not** adopted a Level of Landslide Safety, or where the Landslide Assessment is not produced in response to a legislated requirement, I have:
- 8.1 described the method of Landslide Hazard analysis or Landslide Risk analysis used
  - 8.2 referred to an appropriate and identified provincial, national, or international guideline for Level of Landslide Safety
  - 8.3 compared those guidelines (per item 8.2) with the findings of my investigation
  - 8.4 made a finding on the Level of Landslide Safety on the Property based on the comparison
  - 8.5 made recommendations to reduce Landslide Hazards and/or Landslide Risks
9. Reported on the requirements for future inspections of the Property and recommended who should conduct those inspections

Based on my comparison between:

[CHECK ONE]

- the findings from the investigation and the adopted Level of Landslide Safety (item 7.2 above)
- the appropriate and identified provincial, national, or international guideline for Level of Landslide Safety (item 8.4 above)

Where the Landslide Assessment is not produced in response to a legislated requirement, I hereby give my assurance that, based on the conditions<sup>1</sup> contained in the attached Landslide Assessment Report:

## A. SUBDIVISION APPROVAL

- For subdivision approval, as required by the *Land Title Act* (Section 86), “the land may be used safely for the use intended”  
[CHECK ONE]
  - with one or more recommended additional registered Covenants
  - without an additional registered Covenant(s)

## B. DEVELOPMENT PERMIT

- For a development permit, as required by the *Local Government Act* (Sections 488 and 491), my report will “assist the local government in determining what conditions or requirements it will impose under subsection (2) of [Section 491]”  
[CHECK ONE]
  - with one or more recommended additional registered Covenants
  - without an additional registered Covenant(s)

## C. BUILDING PERMIT

- For a building permit, as required by the *Community Charter* (Section 56), “the land may be used safely for the use intended”  
[CHECK ONE]
  - with one or more recommended additional registered Covenants
  - without any additional registered Covenant(s)

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<sup>1</sup> When seismic slope stability assessments are involved, Level of Landslide Safety is considered to be a “life safety” criteria, as described in Commentary JJJ of the *National Building Code of Canada (NBC) 2015*, Structural Commentaries (User’s Guide – NBC 2015: part 4 of division B). This states:

“The primary objective of seismic design is to provide an acceptable level of safety for building occupants and the general public as the building responds to strong ground motion; in other words, to minimize loss of life. This implies that, although there will likely be extensive structural and non-structural damage, during the DGM (design ground motion), there is a reasonable degree of confidence that the building will not collapse, nor will its attachments break off and fall on people near the building. This performance level is termed ‘extensive damage’ because, although the structure may be heavily damaged and may have lost a substantial amount of its initial strength and stiffness, it retains some margin of resistance against collapse.”

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\_\_\_\_\_  
Name (print)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Address  
\_\_\_\_\_

\_\_\_\_\_  
Telephone  
\_\_\_\_\_

\_\_\_\_\_  
Email

(Affix PROFESSIONAL SEAL and signature here)

The Qualified Professional, as a registrant on the roster of a registrant firm, must complete the following:

I am a member of the firm \_\_\_\_\_

(Print name of firm)

with Permit to Practice Number \_\_\_\_\_

(Print permit to practice number)

and I sign this letter on behalf of the firm.