

**REQUIREMENTS FOR CONSTRUCTION IN GEOLOGICALLY HAZARDOUS AREAS  
STEP 1 - Initial Permit Submittal**



**GEOTECHNICAL ANALYSIS FORM:** TO BE COMPLETED BY A STATE OF WASHINGTON LICENSED ENGINEER\* QUALIFIED IN THE SPECIALTY OF GEOTECHNICAL ENGINEERING AND SUBMITTED WITH CONSTRUCTION PERMIT APPLICATION ATTACHED AS A PART OF THE FULL GEOTECHNICAL REPORT BEARING THE ENGINEER'S SEAL

\* A licensed geologist may use this form for section 1 below

Project Name: \_\_\_\_\_

Planning/Building Permit #: \_\_\_\_\_

Applicant's Name: \_\_\_\_\_ Applicant's Telephone #: \_\_\_\_\_

Project Street Address or Location: \_\_\_\_\_

Geotechnical Engineer's Name & License #: \_\_\_\_\_

Engineer's Phone #: \_\_\_\_\_

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

Submit this form with the initial permit application and the project geotechnical report (with recommendations and assumptions). This form is the summary of those recommendations and assumptions. The City will review this form; information not included in this form may not be reviewed. Review of this form by the City is general in nature and does not constitute agreement with the contents, endorsement of the conclusions, or assurance of professional quality.

1) Is the proposed development in a geologically hazardous 15% to 40% slope? (If no, skip to #2)

|   | Yes                      | No                       |
|---|--------------------------|--------------------------|
| A. Is any of the proposed work within 75 feet of slopes of 10 feet or greater vertical relief and between 15% and 40%?  | <input type="checkbox"/> | <input type="checkbox"/> |
| B. Do the above slopes have springs or ground water seepage?  | <input type="checkbox"/> | <input type="checkbox"/> |
| C. Are the above slopes composed of impermeable soils (typically silt and clay) overlain or frequently inter-bedded with permeable granular soils (predominantly sand or gravel)? | <input type="checkbox"/> | <input type="checkbox"/> |
| D. Are the above slopes otherwise listed as a "geologically hazardous area" per BIMC 16.20 or exhibit evidence of being geologically hazardous?                                   | <input type="checkbox"/> | <input type="checkbox"/> |

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If the answers to A, B, and C above are *all* yes; and/or D is yes, the slope is considered geologically hazardous. *If* you have determined that the slope is *not* geologically hazardous, then attach your field observations or other documentation and affix your engineering or geologist seal to this document.

Seal of professional engineer or geologist:

Signature of licensed engineer or geologist:

\_\_\_\_\_



If the City accepts that this is not a geologically hazardous area no further information is needed and the remainder of this form may be left blank.

2) Site geological hazard area types (see Municipal Code for definitions):

- Landslide Hazard
  - Attach geotechnical analysis prepared by a licensed (geotechnical) engineer with this form
  - Attach erosion control plan prepared by a licensed engineer with the permit issuance form (Step 2)
- Erosion Hazard
  - Attach erosion control plan prepared by a licensed engineer with the permit issuance form (Step 2)
- Liquefaction Hazard
  - Attach geotechnical analysis prepared by a licensed (geotechnical) engineer with this form
- Fault Rupture Hazard
  - Attach geological analysis prepared by a geologist, or geotechnical engineer
  - Attach geotechnical analysis prepared by a licensed (geotechnical) engineer with this form



