CREEK HAZARD DEVELOPMENT PERMIT AREA - MAP 2.2

DISTRICT OF NORTH VANCOUVER

Potential Debris Flow, Debris Flood, Hazard Area

Potential Flood Hazard Area

10 Metre Reference Line to Potential Flood Hazard Area on Creeks

Note: This map may not represent all hazards. It will be updated as new information becomes available.

Limitations of Flood Plain Maps:

1. The flood hazard maps are based on previously reported water profiles and LiDAR surveys from 2006. The maps depict conditions at the time of the original reporting and surveys. Changes to the channel, flood plain, or climate will affect the flood levels and render site-specific map information obsolete. The maps were developed for a broad-scale gap assessment, and for some areas, especially where data is limited, do not meet current best management practices for flood mapping.

   The technical analysis and further limitations are described in various reports commissioned by the District of North Vancouver and Natural Resources Canada and are available on the District of North Vancouver Website (www.dnv.org/hazards and www.geoweb.dnv.org).

2. Flood hazard maps are administrative tools that show the minimum designated flood elevation and flood plain boundaries. Flooding may occur outside of the designated boundaries. Our consultants do not assume any liability by reason of the designation or failure to designate areas on the map.

3. Flood hazard maps do not provide information on site-specific hazards such as land erosion or sudden shifts in the water courses.

4. Other sources of water, roads, railways or other barriers can restrict water flow and affect flood levels locally. Channel obstructions, local storm water inflows, groundwater or other land drainage can cause flood levels to exceed those indicated on the map. Lands adjacent to a flood plain may be subject to flooding from tributary streams that are not indicated on the maps.

5. The accuracy of the location of a flood plain boundary as shown on this map is limited by the accuracy of the LiDAR data used for generating base contour mapping.

6. Professional assistance and detailed site-specific engineering analysis are required to address any of the above issues.

Notes to Users:

1. The Designated Flood has a statistical return period of 200-years. (There is a one in 200 chance that the Designated Flood could be equalled or exceeded in any one year.) The Designated Debris Flow/Debris Flood has a statistical return period of 500 years.

2. No freeboard allowances are included in the mapping

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0 250 500 1,000 1,500 2,000 Meters

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Scale: **1:17,500**