City of Everett
Landslide Hazard
CRITICAL AREAS MAP 2

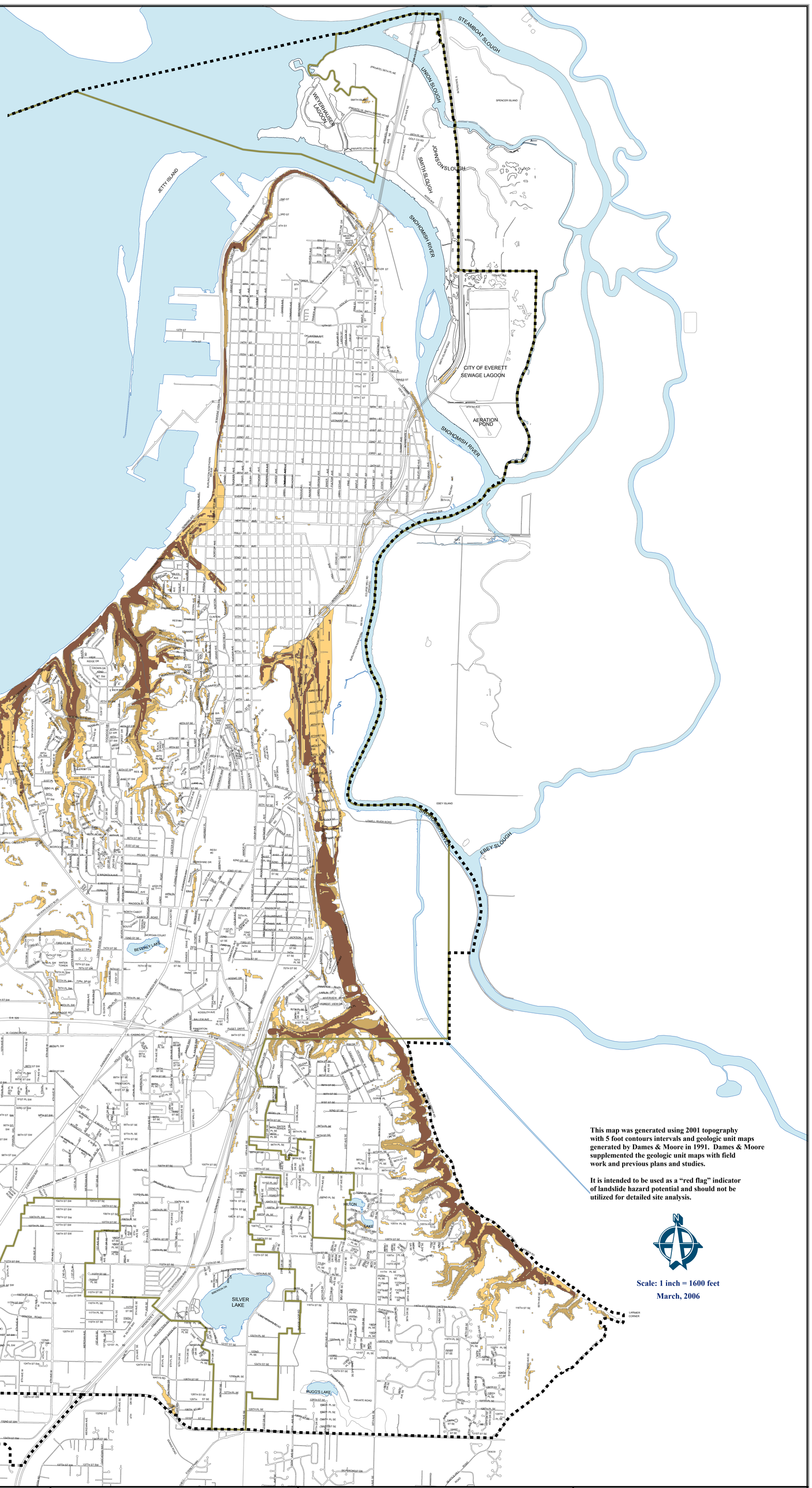
Legend:

- ***Low*** *Slopes < 25% in "other" geologic units (not Qtb, Qw, Qls or uncontrolled fill).*
- ***Medium*** *Slopes < 15% for Qtb, Qw, Qls geologic units and uncontrolled fill*
  Slopes of 25% - 40% in "other" geologic units (Studies are required for these areas when combined with springs or seeps, immature vegetation, and/or no vegetation)
- ***High*** *Slopes > 40% in "other" geologic units*
- ***Very High*** *> 15% in the Qtb, Qw, and Qls geologic units, or with uncontrolled fill.*
- *City Limits*
- *Main Arterials*
- *Urban Growth Area*

NOTE: This map identifies those areas designated as landslide hazard areas using the Dames and Moore "Methodology for the Inventory, Classification and Designation of Geologically Hazardous Areas" City of Everett, Washington: July 1, 1991, except that, uncontrolled fills have not been mapped.

Other landslide hazard areas may exist which are not shown on this map. These include:

1. **Uncontrolled fills in conjunction with the slopes and geologic units identified above.**
2. **Any area with all three of the following characteristics:**
   a. **Slopes greater than fifteen percent; and**
   b. **Hillsides intersecting geologic contacts with a relatively permeable sediment overlying a relatively impermeable sediment or bedrock; and**
   c. **Springs, groundwater seepage, or saturated soils.**
3. **Any area which has shown movement during the Holocene epoch (from ten thousand years ago to the present) or which is underlain or covered by mass wastage debris of that epoch.**
4. **Any area potentially unstable as a result of rapid stream incision, stream bank erosion or undercutting by wave action.**
5. **Areas of historic failures, including areas of unstable, old and recent landslides or landslide debris within a head scarp, and areas exhibiting geomorphological features indicative of past slope failure, such as hummocky ground, slumps, earthflows, mudflows, etc.**
6. **Any area with a slope of 40% or steeper and with a vertical relief of 15 or more feet, except those manmade slopes created under the design and inspection of a geotechnical professional, or slopes composed of consolidated rock.**
7. **Areas that are at risk of landslide due to high seismic hazard.**
8. **Areas that are at risk of landslides or mass movement due to severe erosion hazards.**



This map was generated using 2001 topography with 5 foot contours intervals and geologic unit maps generated by Dames & Moore in 1991. Dames & Moore supplemented the geologic unit maps with field work and previous plans and studies.

It is intended to be used as a "red flag" indicator of landslide hazard potential and should not be utilized for detailed site analysis.

Scale: 1 inch = 1600 feet
March, 2006

Geographic Information System
EVERETT

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SCALE: 1 INCH = 1600 FEET

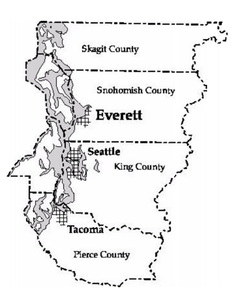
Roberta Goodwill
Gis Analyst / Programmer
Planning Dept.

March, 2006

A full colored map may be purchased from the Dept. of Planning & Community Development for $13.00.

This map has been produced using the best information available. However, the City of Everett in no way guarantees its accuracy.

Vicinity Map



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