Hazard Layer Data from DOGAMI Publication IMS-22, GIS Overview Map of Potential Rapidly Moving Landslide Hazards in Western Oregon, by R. Jon Hofmeister and others, 2002

**Introduction:**
This map displays potential rapidly moving landslide hazard zones contained within the GIS files of DOGAMI publication IMS-22 (2002). The work described by that publication used the best topographic data available at the time, the U.S. Geological Survey's 1:24,000 scale topographic maps. These landslide hazard zones generally reflect areas on or at the bases of steep slopes, within stream channels, and at stream channel mouths, as depicted in Figure 23 on page 25 of IMS-22.

**More Recent and More Accurate Lidar-Derived Topographic Data Impact:**
Although the text of IMS-22 predicted that these hazard zones should capture between 80% and 95% of actual deposition areas, more recent work by the Department of Geology and Mineral Industries using much higher resolution topographic data indicates that these IMS-22 maps not only cover large areas of hazard zones where there may be none but also may fail to capture a majority of actual deposition areas at the mouths of stream channels. Therefore, even though the IMS-22 zones are considered to be an accurate depiction of this hazard, more specific studies are always necessary to confirm or to refute the existence of a hazard.

**Disclaimer:**
These illustrations and the GIS data behind them can not serve as substitutes for site-specific investigations by qualified practitioners. No warranty, expressed or implied, is made regarding the accuracy or utility of the information described and/or contained herein. No liability is assumed for any loss incurred in connection with the use or application of the information contained herein. No warranty, implied or expressed, is made regarding the accuracy or utility of the information described and/or contained herein.

**Legend:**
- **Potential Landslide Hazard Zones**

**Scale:**
- 0 2.5 5 7.5 10 12.5 Miles
- 0 2.5 5 7.5 10 12.5 Kilometers

**Map Title:**
USGS 100K Topo Sheet: Waldport