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 15 m digital elevation model (DEM). The topography is shown to the scale of USGS 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 landslide hazard deposition areas, more recent work by the Department using much higher resolution topographic data indicates that these IMS-22 maps not only show large areas of hazard zones where there may be none but also may fail to capture a majority of actual deposition areas in the results of hazard. Therefore, when this data is used, additional work must be conducted by an experienced geologist or other experienced practitioner to verify or refute the existence of a hazard.

Disclaimer: These illustrations and the GIS data behind them cannot serve as substitutes for site-specific investigations by qualified practitioners. Site-specific reports could give results that differ from those shown here. No warranty, expressed or implied, is made regarding the accuracy or utility of the information described and/or contained herein. The Oregon Department of Geology and Mineral Industries shall not be held liable for improper or incorrect use of this information.