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**EXPLANATION**

The patterns show the author's evaluation of the relative degree of potential hazard from landslides of various kinds, including snow avalanches. A severe earthquake would greatly increase the hazard potential, especially if the earthquake occurred during or following periods of heavy precipitation.

Areas covered by deposits resulting from landslides, including rockslide-avalanches, debris flows, and sand flows, and from falling rock; judged potentially most hazardous because of past history of deposits and the likelihood of renewal of movement.

Areas judged potentially susceptible to encroachment by landslides, including rockslide-avalanches and debris flows, and by rolling rocks and snow avalanches.

Areas judged potentially susceptible to encroachment by landslides, including rockslide-avalanches and debris flows, and by rolling rocks and snow avalanches but probably only in the event of severe local response to an earthquake.

Anticipated direction of movement of rock debris or snow near source areas.

MATERIALS USED IN THESE COPIES OF THE GEOLOGIC MAP AND OVERLAYS ARE NOT SCALE STABLE. Thus the overlay cannot be positioned in register with all parts of the geologic map at the same time. Registration can be obtained within small areas, however, by matching several section corners of the overlay with those of the geologic map.



U.S. Geological Survey  
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This map is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

MAP OVERLAY SHOWING POTENTIAL LANDSLIDE HAZARDS,  
JUNEAU URBAN AREA, ALASKA  
By  
Robert D. Miller