Liquefaction Susceptibility Map of Teton County, Idaho

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Legend:

Class 0: Liquefaction susceptibility not evaluated under ordinary conditions. Underlain by cohesionless sediments. Saturation possible on potential for saturation and presence of earth materials that are unlikely to contain cohesionless sediments.

Class 1: Low liquefaction susceptibility based on potential for saturation and presence of cohesionless sediments. Subject to at least annual saturation because of high water tables.

Class 2: Moderate liquefaction susceptibility based on potential for saturation and presence of cohesionless sediments. Underlain by hydric soils and Holocene to late Pleistocene sedimentary deposits that are likely to contain cohesionless sediments.

Class 3: High liquefaction susceptibility based on potential for saturation and presence of cohesionless sediments. Underlain by Holocene to late Pleistocene sedimentary deposits that may contain cohesionless sediments. Saturation possible because average water table is within 40 ft (12 m). Not subject to saturation.

Credits:

GIS Processing and digital cartography by Collette Bureau of the Census, Geography Division.


Acknowledgments:

Additional information including a text file describing how this map was constructed, a PDF digital map (Acrobat Reader), and a version of the map in ArcMap may be accessed online at www.idahogeology.org.