

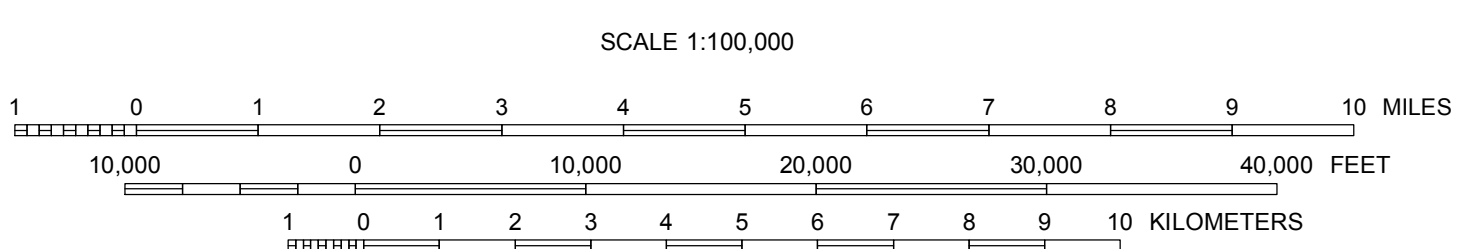
Although this product represents the work of professional geologists, the Utah Department of Natural Resources, Utah Geological Survey, makes no warranty, expressed or implied, regarding its suitability for a particular use. The Utah Department of Natural Resources, Utah Geological Survey, shall not be liable under any circumstances for any direct, indirect, special, incidental, or consequential damages with respect to claims by users of this product. These maps are intended for use at 1:100,000 and smaller scales, and are designed for general planning purposes to indicate the need for site-specific landslide investigations. The Utah Geological Survey does not guarantee accuracy or completeness of the data.

This study represents a compilation of data to mid-2007. The Utah Geological Survey (UGS) intends to periodically update the data. Consult the UGS Geologic Hazards Program for updates and more information.

UTAH

42°0'0"N	Plate 1	Plate 2	Plate 3	110°0'0"W
	Plate 4	Plate 5	Plate 6	
	Plate 7	Plate 8	Plate 9	Plate 10
	Plate 12	Plate 13	Plate 14	Plate 15
40°0'0"N	Plate 17	Plate 18	Plate 19	Plate 21
	Plate 22	Plate 23	Plate 24	Plate 25
	Plate 27	Plate 28	Plate 29	Plate 31
	Plate 32	Plate 33	Plate 34	Plate 35
	Plate 37	Plate 38	Plate 39	Plate 41
38°0'0"N	Plate 42	Plate 43	Plate 44	Plate 45
	114°0'0"W	112°0'0"W	110°0'0"W	

QUADRANGLE LOCATION



LANDSLIDE MAPS OF UTAH
HANKVILLE 30' X 60' QUADRANGLE
 by
Ashley H. Elliott and Kimm M. Hart
 2010

This PDF map is for illustrative purposes only. Specific information related to individual landslides is provided in the accompanying GIS files and maps on the DVD. For more information see the text report that accompanies this map.

Explanation

- Deep or unclassified landslide** - Generally 10 feet (3 m) thick or more and shows characteristic landslide morphology. May include areas of complex or composite landsliding where landslide density is too great to show individual landslides separately. Also includes unclassified landslides (original source was not specific about landslide type).
- Shallow landslide** - Generally less than 10 feet (3 m) thick and shows characteristic landslide morphology. Includes mainly debris slides and debris flows. May include some composite landslides.
- Lateral spread and/or flow failure** - Liquefaction-induced landslides typically associated with earthquakes; generally occur on very gentle slopes or flat terrain.
- Landslide undifferentiated from talus and/or colluvial deposits** - May include deep or shallow landslides mapped with talus and/or colluvial deposits.
- Landslide and/or landslide undifferentiated from talus, colluvial, rock-fall, glacial, and soil-creep deposits** - May include deep or shallow landslides mapped with talus, colluvial, rock-fall, glacial, and/or soil-creep deposits; primarily mapped and compiled by Roger B. Colton, U.S. Geological Survey.
- Not classified** - Includes areas not mapped in the original studies compiled for this map, as well as mapped areas with no identified landslides.
- Landslide scarp** - Landslide feature found near the head. Identified as the area where landslide material has moved downslope and away from the undisturbed ground. Hachures on down-dropped side.
- Debris-flow travel path** - Identifies the path of a debris flow (shallow landslide).

Base maps for this study from various USGS 30' x 60' quadrangles (1982-1985). Shaded relief derived from 10 m National Elevation Dataset (2007). Projection: UTM Zone 12. Datum: NAD 1983.

Project Manager: Ashley H. Elliott
 GIS Analysts: Ashley H. Elliott and Corey Unger
 Utah Geological Survey
 1584 West North Temple, Suite 3110
 P.O. Box 146100, Salt Lake City, UT 84114-6100
 (801) 537-5300
geology.utah.gov

This map was created from Geographic Information System (GIS) data.