

414 Landslide

HRN

04 August 2019 written on my i-Pad, text from Glossary of Geology, Third Edition, Bates and Jackson, American Geological Institute, Alexandria, Virginia, 1987.

0 Fret

Slide then Travis

Chorus: F———A
 Mass movement
 B^b———D
 Downslope transport
 F———A
 Gravitational influence
 B^b———D A
 Soil and rock material moving en masse

1. D C G A
 Usually the displaced material moves
 D C G A
 Over a fairly confined zone or surface of shear
 D C G A
 Called a rockfall, translational slide, or block glide
 D C G A
 Avalanche, mudflow, liquefaction slide, and slump

2. D C G A
 The wide range of sites and structures and of
 D C G A
 Material properties affecting resistance to shear
 D C G A
 Result in a great range of landslide morphology
 D C G A
 Rates, patterns of movement, and scale

3. D C G A
 Landsliding is usually preceded by
 D C G A
 Accompanied, and followed by
 D C G A
 Perceptible creep along the surface of sliding
 D C G A
 And / or within the slide mass

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4. D C G A
 One of the largest recorded earthquakes
 D C G A
 In Iron County, Utah was when
 D C G A
 Jurassic petrified sand dunes slipped down the
 D C G A
 Steeply dipping Cedar Canyon back-thrust

5. D C G A
 There was a large landslide in Yellowstone Lake
 D C G A
 Documented with 2-D seismic lines in
 D C G A
 A Reflection Seismic Study of
 D C G A
 Quaternary Sediments in Yellowstone Lake

6. D C G A
 About every 15 years since the coal mine
 D C G A
 Was shut in and stopped draining the water buildup
 D C G A
 The Straight Cliffs have stuffed off
 D C G A
 Taking out Highway 56 up Cedar Canyon