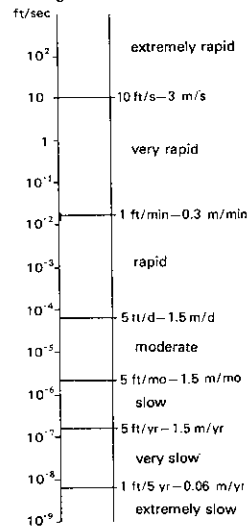


although the
the displaced
flow.

Figure 2.1. Types of slope movement.

(2.1u) RATE OF MOVEMENT
SCALE

Approximate ranges of rates of movement
are according to the scale below



*The type of material involved is classified according to its state prior to initial movement or, if the type of movement changes, according to its state at the time of the change in movement. Thus, the Elm slide began as a rock slide and rock fall in bedrock, but at the time a flowing type of movement started the material was an unconsolidated mass of extremely rapidly moving rock fragments.

David J. Varnes. Slope Movement and Types and Processes. In *Landslides: Analysis and Classification*. Transportation Research Board, National Academy of Sciences, Washington, D.C., Special Report 177.

Additional copies of this figure may be ordered from the Transportation Research Board, 2101 Constitution Avenue, N.W., Washington, D.C. 20418. The price per copy is \$2.00, and payment should be enclosed with the order.