

LANDSLIDES - A CIVIL ENGINEERING POINT OF VIEW

by

Dr. Nimal Seneviratne

Lecturer in Civil Engineering

University of Peradeniya

ABSTRACT

This paper describes some civil engineering aspects of landslides and, their control. Landslides are classified here according to the mechanism of failure. The landslide potential of a slope is defined and then, qualitative determination of it using preliminary site investigation techniques described. More accurate methods of evaluation of the potential are discussed. This includes site investigation, field and laboratory testing of soil and rock, and finally, the analytical techniques. The preventive and remedial measures for a slope under distress are outlined.