

## ***Landslides***

Landslides occur mainly in those areas where the rainfall is high and slopes carry a deep mantle of soil with a high infiltration capacity.

The illustrations below show the desirability of more attention being devoted to land use.



29. Landslide in loams overlying Jurassic sedimentaries near Allambee - South Gippsland



30. Landslide in the light arenaceous loams overlying the granite in the Cannibal Creek area (Bunyip Catchment). Under prevailing climatic conditions, this soil is too unstable to remain on these slopes without the protection of the forest.



31. Landslide in balsaltic country near Mirboo North, South Gippsland. Debris has partially blocked creek, and is washing away.



32. Landslides - Coleraine. Willows planted to bind the soil.



33. Landslide, Myers Creek, south of Toolangi. This forest area was cut over about 30 years ago. The slide followed a rainfall of 11.47 inches in four days and appears to have been caused by the trapping of water in loose deposits of shingle beneath a heavy mantle of soil. The extent of landslide is indicated by the size of men shown in circle.



34. Extensive landslides on a deforested slope near Allambee, South Gippsland. The loams overlying Jurassic sedimentaries on steep slopes appear to be particularly susceptible to sliding when deprived of forest cover and the binding of the soil by roots.