

## WOODLAND SUITABILITY GROUP 1

These soils have very high site index, moderate equipment limitations, slight pest and disease hazard, and slight windthrow hazard. They have a moderate limitation for growing Christmas trees.

The soils in this group are generally better for timber production than the other forest soils. They are suited to very intensive management. Trees grow rapidly to maturity, and reasonable economic returns can be expected at an early age. Thinning and pruning can be done even after the trees have become fairly large. Seedlings become established fairly easily after logging if a seed source is near. Logging is fairly easy, but in low or level areas equipment is likely to bog down during wet weather. At times there is enough snow to hinder or prevent the use of equipment in places.

Locating and building roads is fairly easy. Except on cobbly and gravelly soils, roads need to be graveled for year-round use. Roads and skid trails should be protected from runoff water. Main roads require bridges, ditches, and culverts. Temporary and minor roads should be out-sloped and grades should be sloped downward toward the watercourse for a short distance on both sides of creeks or draws. Grades should not exceed those considered safe in existing design standards and construction practices. When constructing roads, adequate erosion-control measures are needed.

Fire is relatively easy to control because of easy access and gentle slopes. The soils in areas where trees have been removed by fire or other causes are fairly easy to prepare for planting. Planting can be done by machine.