

## WCT - White Cedar-(Mixed Conifer)/Alder Swamp (peatland phase)

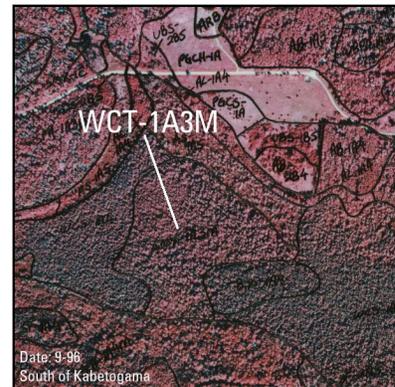
The White Cedar-(Mixed Conifer)/Alder Swamp (peatland phase) Map Unit (WCT) represents, in part, the White Cedar - (Mixed Conifer) / Alder Swamp Association. WCT is the peatland phase of this association that has 25-75% black spruce and tamarack in the canopy.

WCT was originally thought to represent the White Cedar - Tamarack Peat Swamp Association (an association not used for this project), but upon further analysis of the vegetation data, it was determined that WCT better represents the White Cedar - (Mixed Conifer) / Alder Swamp Association, sharing it with the WCS Map Unit (rich soil phase).

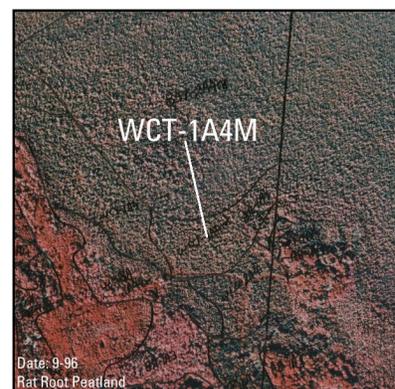
The dominance/co-dominance modifier was originally used for WCT mapping. Even though the association it now represents is classified as evergreen forest and not mixed evergreen-deciduous forest, the modifier was preserved to show the amounts of tamarack.

This association occurs on moderately minerotrophic conditions over deep peat. It is mapped when occurring along margins of large peatlands, and within slow moving drainage courses and confined basins. White cedar and tamarack typically form a fairly closed canopy. In larger peatlands, the canopy may be as low as 30%. A shrub layer of alder or balsam fir is nearly always present. Ancillary photographs from 1988 were used to help distinguish between white cedar and tamarack.

WCT-1A3M appears as pink, red, and dark blue-purple with a moderately fine texture. The pink is the tamarack, the dark blue-purple is the black spruce, and the red is the white cedar. The canopy is closed and evenly dispersed. The tree height falls within the 12-20 meter range. The white cedar and tamarack share equal dominance. The photo was taken in September 1996.



WCT-1A4M appears as dark gray and dark olive with specks of pink. The dark olive is white cedar with some black spruce, and the pink is the tamarack. The canopy cover is continuous and evenly dispersed. The tree height falls within the 5-12 meter range. The photo was taken in September 1996.



### Area Report for WCT Map Unit

# Polygons: 24  
# Hectares: 64  
# Acres: 158  
Average size: 3 hectares, 7 acres

### Accuracy Assessment Results for WCT and WCS Map Unit

The White Cedar-(Mixed Conifer)/Alder Swamp (peatland phase) Map Unit was assessed with the White Cedar-(Mixed Conifer)/Alder Swamp (rich soil phase) Map Unit. WCT and WCS were assessed at 68% producers' accuracy (confidence interval 55-82%) and 84% users' accuracy (confidence interval 71-96%). Errors in producers' accuracy were primarily associated with Map Units BSAS and BSL/BST. Users' accuracy is considered adequate as mapped.