

Field Notes
Proposed Unit 211/227, 223 Soils
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J.Casselli

The landforms in units 211/227 and 223 are primarily convex sideslopes with soil parent material derived from the moderately weathered metasedimentary rock of the belt supergroup. Soils on these sites have a medium texture with evidence of volcanic ash influence and have a low rock fragment content. These soils tend to have a lower bearing strength and the potential to rut when wet. Poorly designed skid trails can have a moderate erosion hazard.

A Site review of unit 211/227 found that ground based yarding can be utilized with mitigation. For the above outlined soil conditions and the identified short pitches above 35% slope a cut to length harvest system (CTL) or *winter harvest only* is recommended as a management requirement for soil protection in unit 223 and portions of unit 211/227. The cut to length system will allow for processing in the woods for slash treatment and allow for equipment use over a slash-mat to protect skid trail soils from compaction, displacement and rutting. With this CTL system a forwarder would minimize the number of passes on the one main designated skid trail and slash would be on the trails to prevent surface erosion.