From Antique Salvage Timber C.E.: Soils field recon 11/03/03

Landform for this proposed unit is on a stream terrace with soil parent materials derived from alluvial deposits primarily within Belt Geology. Soils tend to be well drained and moderately course textured. Erosion and sediment delivery potential is low based on a flat topography and lack of drainageways. This unit is buffered from the St.Regis River by Interstate 90 and the frontage road.

The unit has had previous ground based harvest with existing access trails, skid trails and landings still present. Soil quality has been assessed for the activity area. No adverse displacement or puddling was observed in the unit. Compaction was identified by platy soil structure from test holes and from seedling growth and root structure. The compacted areas found were confined to the access trails, landings and several skid trails. The unit has approximately 12% of the area in a detrimental condition based on qualitative field methods. The proposed activity area is currently within the 15% standard (R1 Supplement No.2500-99-1). Soil rehabilitation was identified by the District Silviculturist. Refer to Required Mitigation for soil restoration needs to ensure that soil quality standards are not exceeded.

Previous compacted landing with seedlings Having root constriction.

Previous skid road with compaction