

Post Burn Field Notes:
Soils Recon
7/2002
J.Casselli

Site visits were conducted for proposed ground based harvest units on the toeslopes, valley fills and alluvial fan landforms. A walkthrough method was used to identify areas of severe burn and soil quality parameters as outlined in the R-1 Supplement 2500-99-1. The unit boundaries in the proposed timber sale area will serve as activity areas for future monitoring, restoration or mitigation needs. The following field observations are outlined by unit number:

Unit 101- No severe burn or detrimental conditions found. This is a large dissected unit with good overall revegetation. There were several short pitches over 35% slope. Two areas of spring snow overland flow runoff were found.

Recommendations: This unit should have a winter harvest only management requirement to minimize soil disturbance and prevent the potential for overland flow.

Unit 103- No severe burn or detrimental condition found. Wet marshy conditions were observed in the area of road jct. 18118 and 18013. Seeps and wet conditions will increase potential for soil compaction and displacement. One old n/s road and one old skid trail was noted with some compaction still present. This was less than 1% of the total area.

Recommendations: This unit should have mitigation as a management requirement for no equipment use on all wet or seep prone areas regardless of size or a winter harvest only requirement.

Unit 111- No severe burn or detrimental conditions found. The unit has several pitches above 35%. There is excellent understory grass and shrub reveg present. Several old skid trails were noted but compacted surfaces were not consistent and comprised less than 1% of the total area.

Recommendations: This unit should have a winter harvest only management requirement to minimize soil disturbance on the pitches of steeper ground.

Unit 199- No severe burn or detrimental conditions found. Course woody debris was at or above recommended amounts for the habitat type. No additional mitigation above standard practices is recommended.

Unit 218- No severe burn was found. Compaction was noted on one old skid trail. Displacement was noted on one additional trail. Both trails were grassed in and stable and only account for detrimental condition on less than 3% of the area, well within regional standards.

Recommendations: Management requirements should include designated skid trails with use, decompaction and CWD placement on all existing skid trails.

Unit 1218- No severe burn was found. Dense grass and shrubs reveg present. Large course woody debris was found to be under recommended amounts on portions of this unit. One old n/s road was noted at the upper end of the unit. This road was stable and grassy but still had compaction present. Detrimental conditions account for less than 3% of this area well within regional standards.

Recommendations: Course woody debris will need to meet recommended guidelines as outlined in the Post-burn EIS soils report and mitigation requirements to maintain future site productivity. Use of n/s roads for harvest will require decompaction, outsloping and slash placement upon harvest completion.

Unit 108- (Mosaic to unburned mid-slope unit) This unit was walked by the project Hydrologist with no severe burn or detrimental conditions noted.

Unit 1101- No severe burn or detrimental conditions found.

Recommendations: Maintain course woody debris for site productivity.