Glacial Deep-seated Landslide Work Group
Progress Report - September 2014

Mitigation: Watershed Analysis Prescriptions
Forest Practices Applications
Watershed Analysis Prescriptions

Goal: Review WA to identify range of mitigations created
• 52 ‘approved WA’ from DNR web-site (most have expired)
• Done before Forest & Fish era, GWRA Rule
• Resource Sensitivity/Prescriptions supported by local landslides
• Most WAs have prescriptions for deep-seated landslides
Watershed Analysis
Prescriptions

• 22 of 52 WAs are in glaciated landscapes
• Six WA have prescriptions for ‘glacial’ deep-seated and/or groundwater recharge areas
• All are expired, still informative
Watershed Analysis

Prescriptions:

Active landslide
• All six prevent new roads and harvest
• Geotech analysis for two

Groundwater Recharge Area
• Three restrict harvest – partial cut or buffers
• Six have road drainage prescriptions – avoid diversion into slide
Summary

• Few WA prescriptions target “glacial DS” slides or recharge areas
• All focus on mitigating increases in water input
• Generally no harvest or roads allowed on active landslides
• In some WA, harvest limited to part of GWRA
• Road drainage diversion in GWRA commonly addressed
FPA and Geotech Analysis

• Collected 45 FPAs involving glacial DS and/or GWRA
• Provided by LO, DNR and tribes, compiled by WFPA
• Years: 2003 - present
• DNR Regions: NW- 60%, SPS – 20%, Olympic – 20%
• 67% Class IV Special, 33% Class III
Preliminary Observations

• FPAs and geotech reports address a wide variety of technical and procedural situations and issues
• Sub-group attempting to categorize by mitigation strategy, potential resource/safety impacts and other criteria
• Analysis presently in preparation