

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

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