Glacial Deep-seated Landslide Work Group

Progress Report - September 2014



Mitigation: Watershed Analysis Prescriptions

Forest Practices Applications

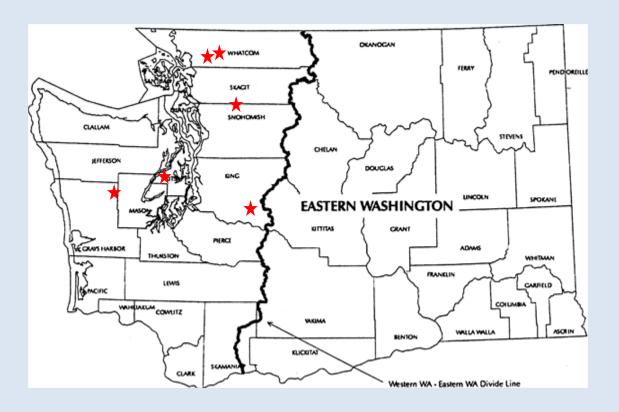
Watershed Analysis Prescriptions



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

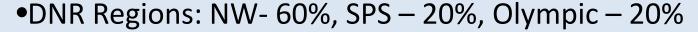
- •Few WA prescriptions target "glacial DS" slides or recharge areas
- •All focus on mitigating increases in water input



- 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



•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