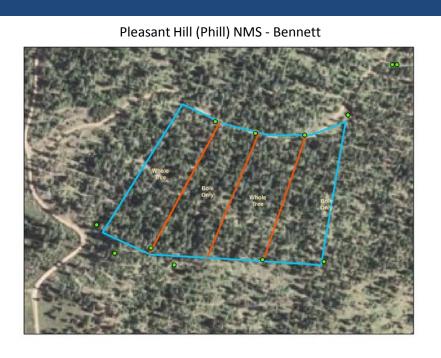
Management Effects on Future Forest Productivity Phase III: Harvesting, Slash Loading & Site Quality





Intermountain Forest Tree Cooperative Annual Meeting April 7, 2015

University of Idaho



Treatments:

- ∘Bole Only High Slash Retention
- •Whole Tree Low Slash Retention
- **•Vegetation Control**

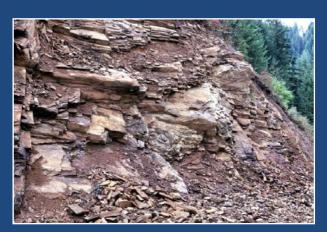
Site Quality:

- Higher Quality Basalt(Good Soil Productivity)
- Lower Quality Quartzite(Poor Soil Productivity)

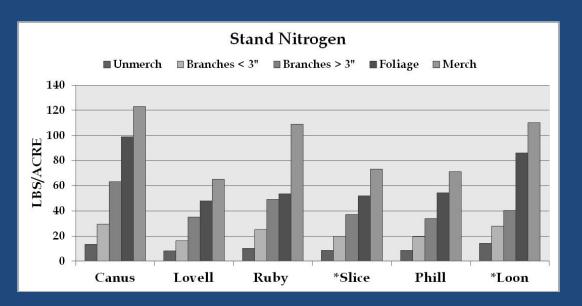






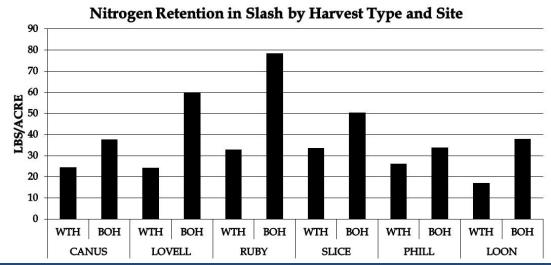


Evaluate the effects of forest management operations on forest productivity by site quality types.









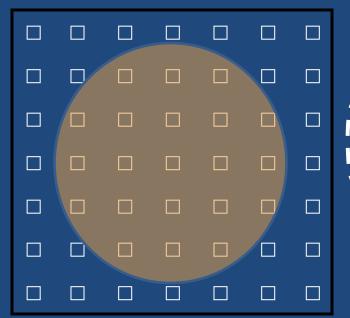


Sites	Soil Parent Material	Site Quality
Canus	Ash/Basalt	High
Lovell	Loess/Quartzite	Low
Ruby	Loess/Quartzite	Low
Slice	Ash/Glacial/Quartzite	Low
Phill	Loess/Ash "LUSH"/Basalt	High
Loon	Ash/Basalt	High



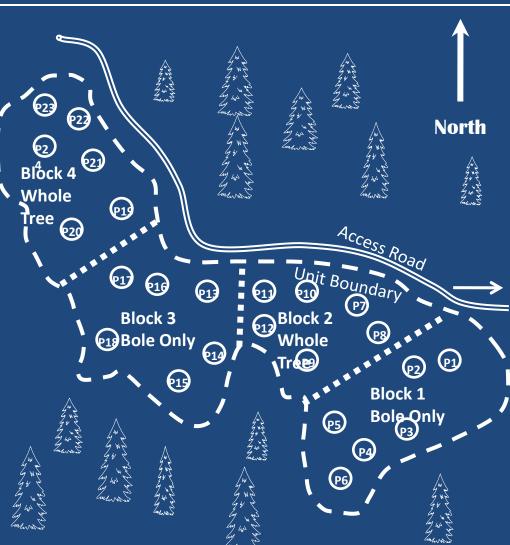




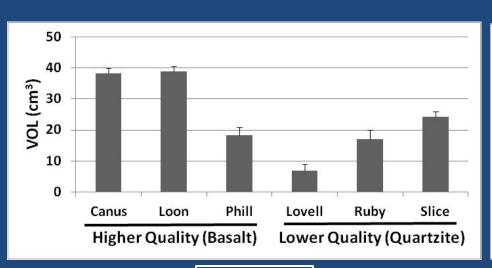


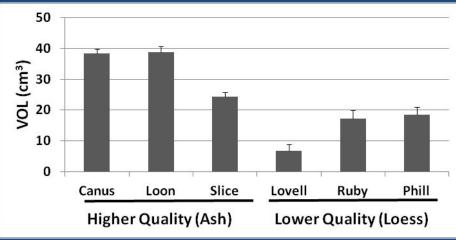
21 Douglas-fir Monitoring Trees





2-Year Volume Growth Across All Sites by Quality Type



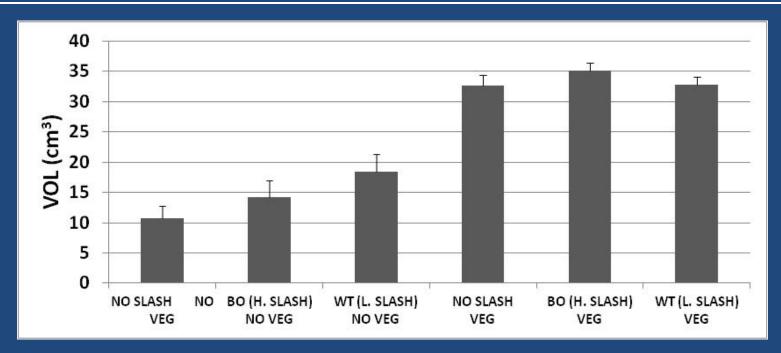


Bed Rock)

Surficial Deposit



2-Year Volume Growth by Treatment for All Sites Combined



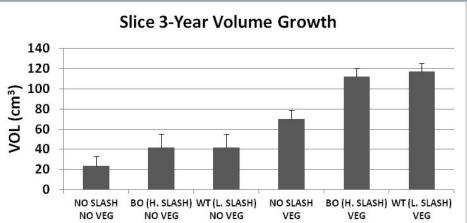




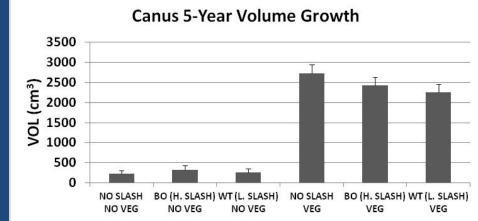


Slice 3-Year and Canus 5-Year Volume Growth by Treatment

Ash/Quartzite



Ash/Basalt

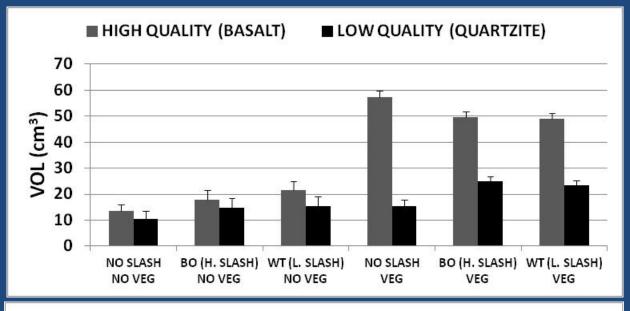


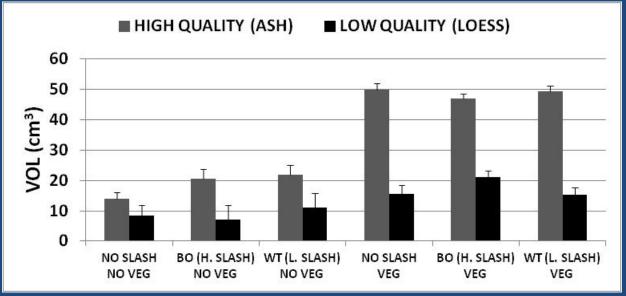




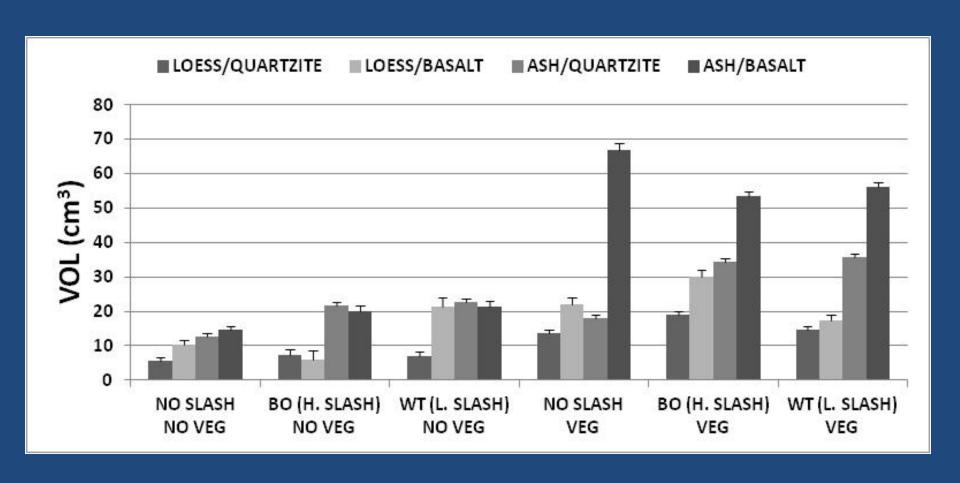


2-Year Volume Growth by Site Quality and Treatment

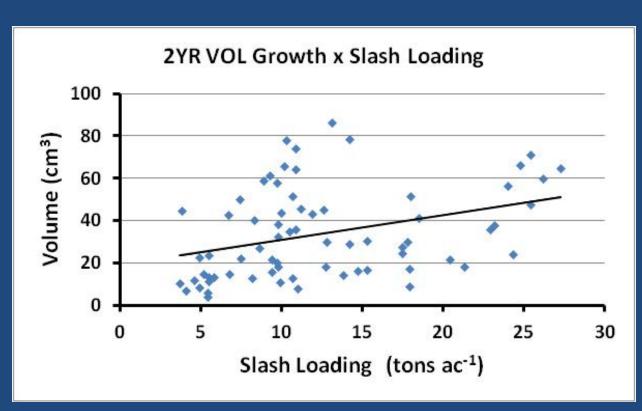




2-Year Volume Growth by Site Quality and Treatment



What About SLASH?







What About SLASH and SOILS?

