

Elephant Hill Access Management



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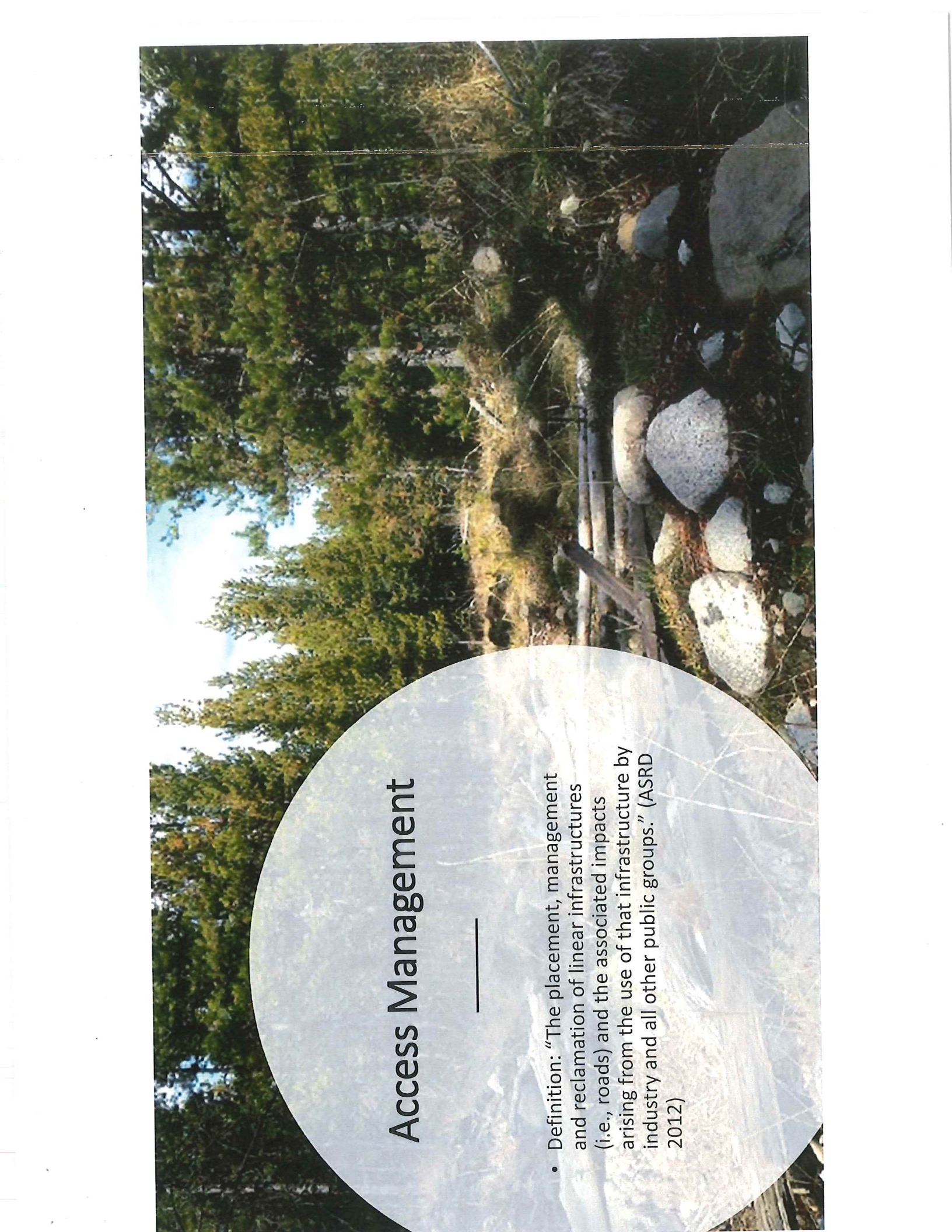


EH Access Planning Discussion Outline

- Elephant Hill Post Wildfire Recovery Governance Structure
 - What is access management? Why should we manage for access?
 - Ecological impacts of roads- A primer
 - Endorsed Access Management Principles
 - Priority Watershed Assessment
 - Phase 1- Scottie Creek
 - Next Steps - Discussion
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Elephant Hill Fire Recovery- Governance

- During the summer of 2017 the EH fire burnt close to 200,000 hectares. Landscape recovery will take decades.
- The Ministry of Forests, Lands, Natural Resource Operations and Rural Development (FLNRORD) and the Secwempc First Nations have created a Government to Government committee, called the *Elephant Hill Wildfire Recovery Joint Leadership Council* (JLC).
- The *Elephant Hill Wildfire Technical Committee* (EHWTC) was also created. An access sub-group was formed from the EHWTC.
- Forest Carbon Initiative funding

The background of the slide is a photograph of a forest path. The path is made of dirt and is bordered by large, light-colored rocks on the right side. The forest is dense with green trees and foliage. A large, semi-transparent circular overlay is positioned in the lower-left quadrant of the image, containing the title and a definition.

Access Management

- Definition: "The placement, management and reclamation of linear infrastructures (i.e., roads) and the associated impacts arising from the use of that infrastructure by industry and all other public groups." (ASRD 2012)

Ecological Impacts of Roads

- Exacerbate stream sedimentation
- Loss of riparian function
- Wildlife avoidance of important habitats (Moose, Deer, Bear)
- Increase stream peak flows
- Reduction in carbon sequestration
- Increased access by people into sensitive areas



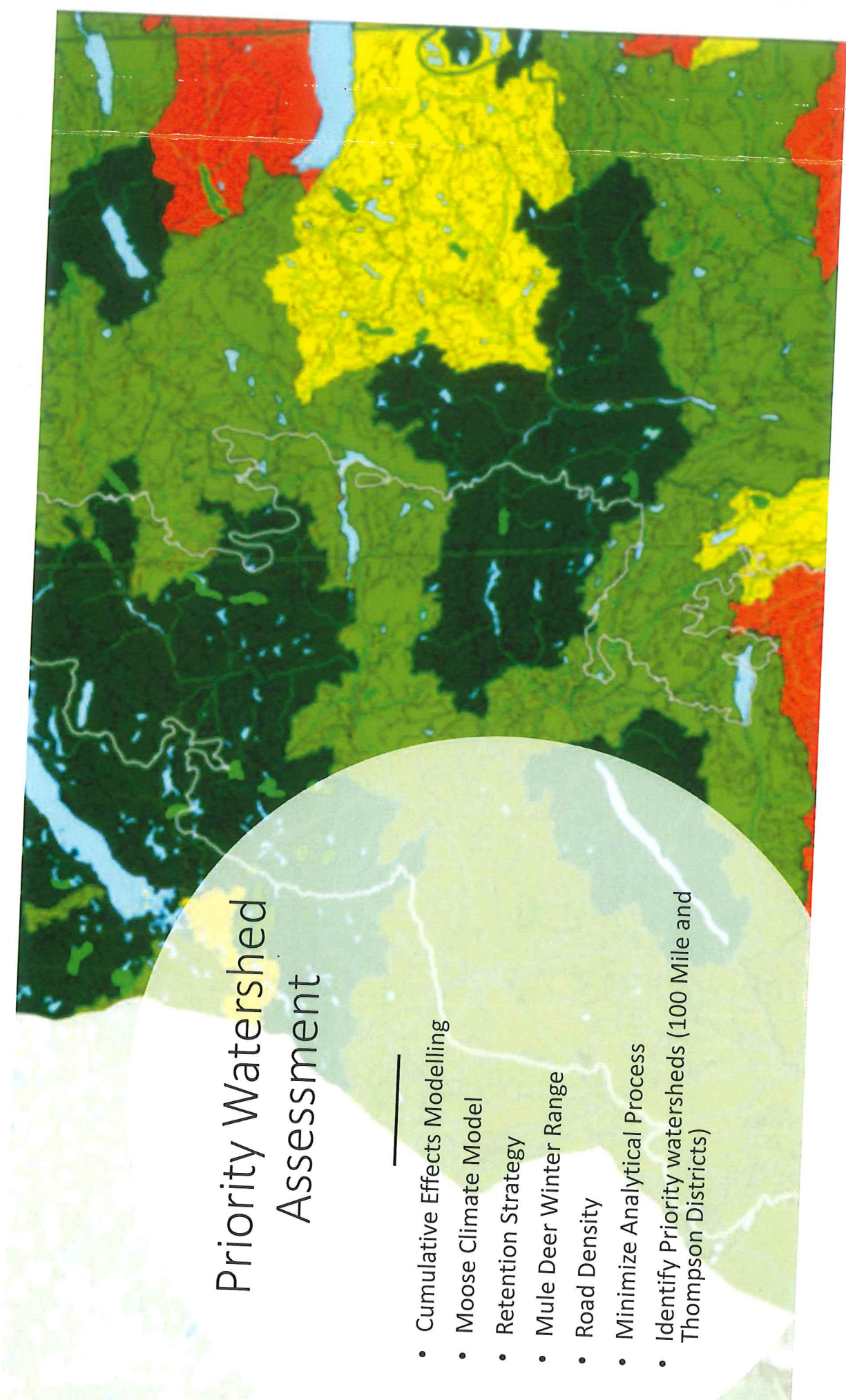
EH Access Management Principles

Access Principles for New Development

- Utilize existing roads
- No loop roads
- No new Connector Roads
- Construct to a minimum width
- Maintain natural drainage patterns
- Manage for peak flows - increase drainage structure size
- Aim to achieve Net Zero New Road

Principles for Landscape Level Access Management Planning

- Prioritize watersheds for access management planning.
- Collaboration with stakeholders and license holders at planning stage.
- Reduce loop and connector roads.

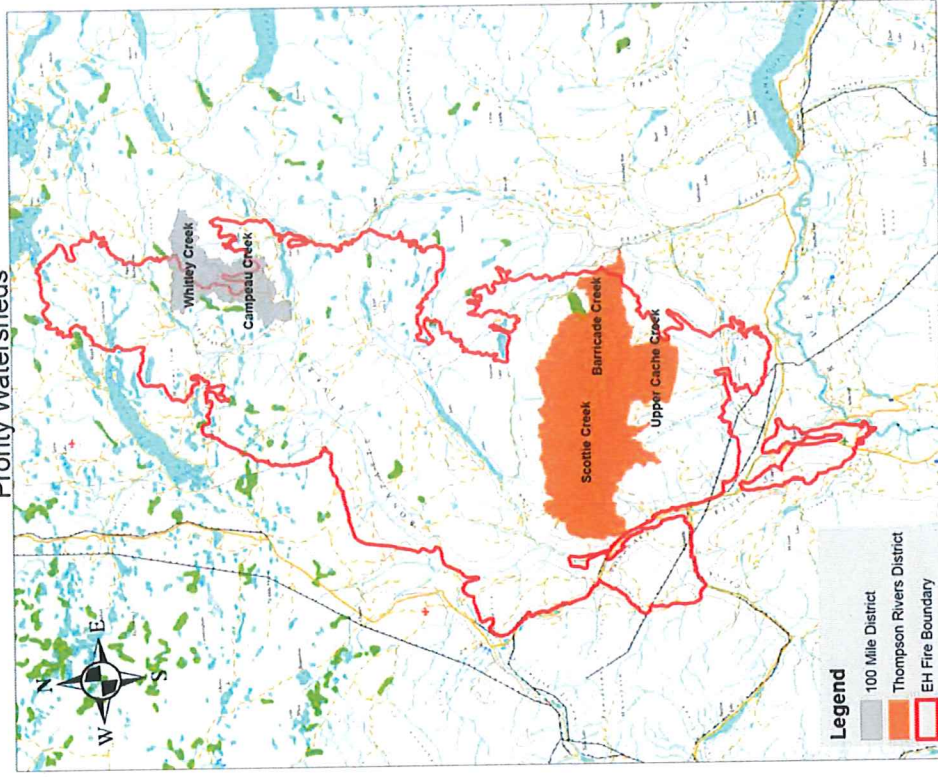


Priority Watershed Assessment

- Cumulative Effects Modelling
- Moose Climate Model
- Retention Strategy
- Mule Deer Winter Range
- Road Density
- Minimize Analytical Process
- Identify Priority watersheds (100 Mile and Thompson Districts)

Priority Watersheds

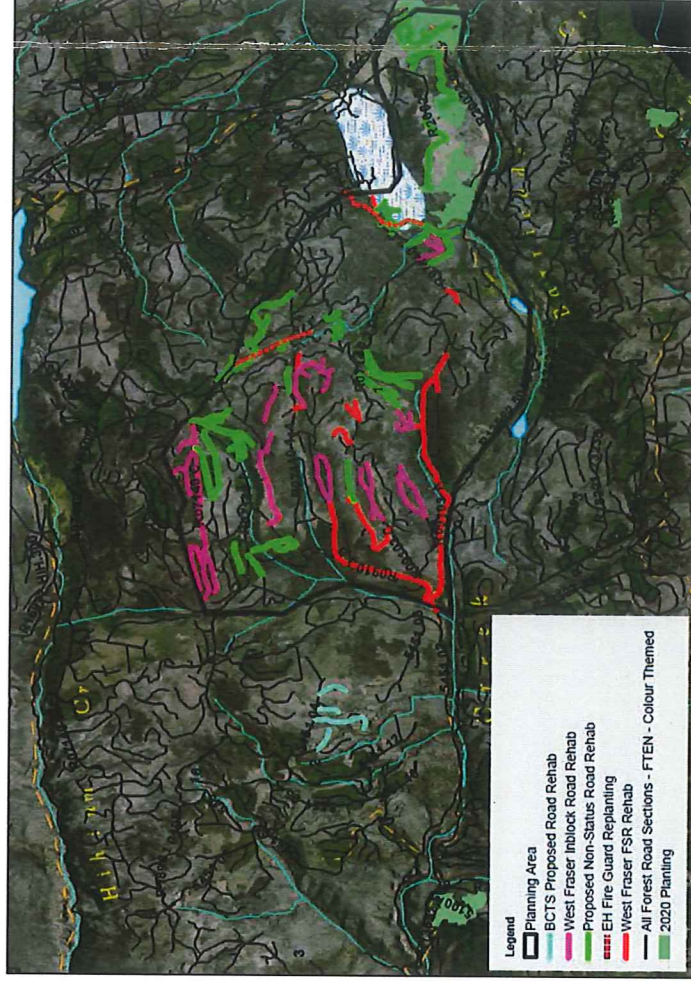
EH Access Management Planning Priority Watersheds



Phase 1- Road Access (Scottie Creek)

- Incorporated Access Management Principles
- High value moose habitat
- Incorporate Old Growth Management Area
- Green tree layer
- Roads prioritized near watercourses
- Avoid cultural sensitive sites
- High road density area
- Synergize with tree planting

EH Access Planning Draft Road Rehabilitation- Phase 1



Discussion – Next Steps

- Upper Cache Creek Watershed
- Archeology field meeting
- Public Engagement (Wrap up)
- Silviculture and road mapping
- Update EH technical working group

