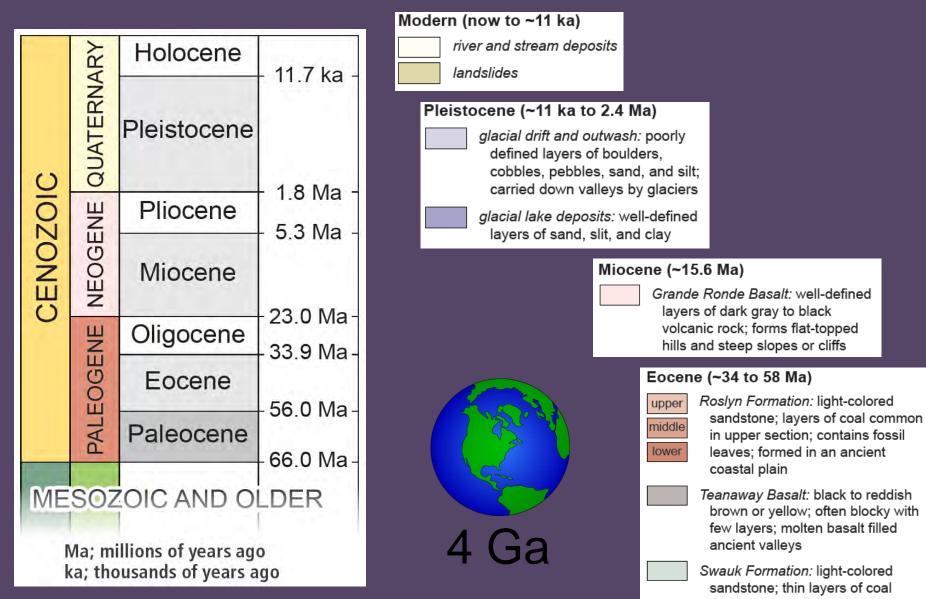
# Geology of the Teanaway Community Forest

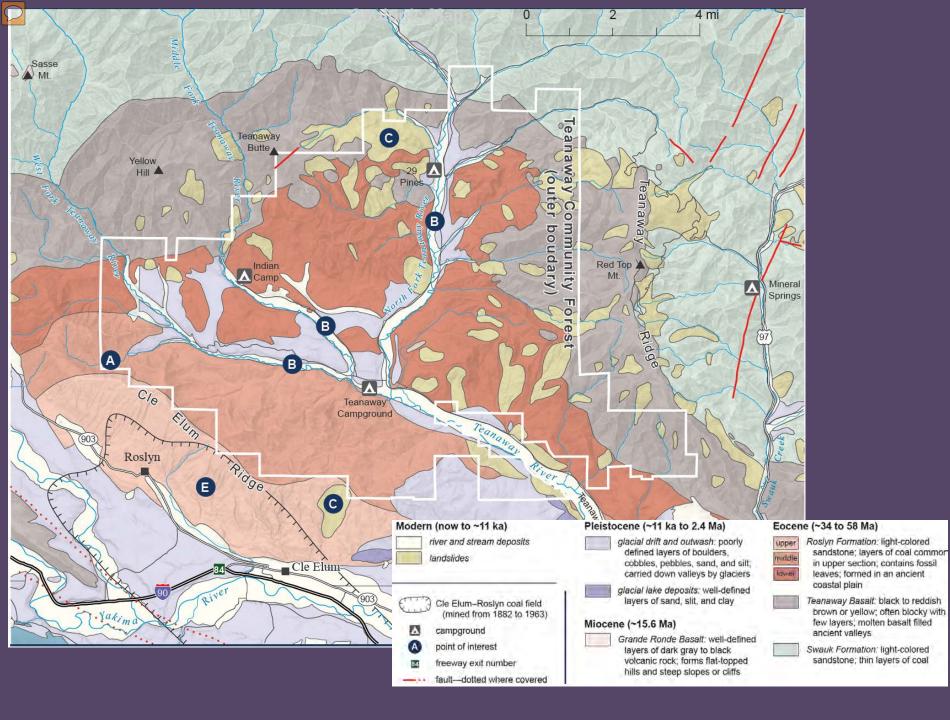


WASHINGTON STATE DEPARTMENT OF

#### "The present is the key to the past"

### **Geologic Time in the Teanaway**



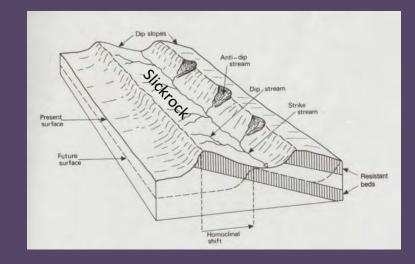


#### **Roslyn Formation**

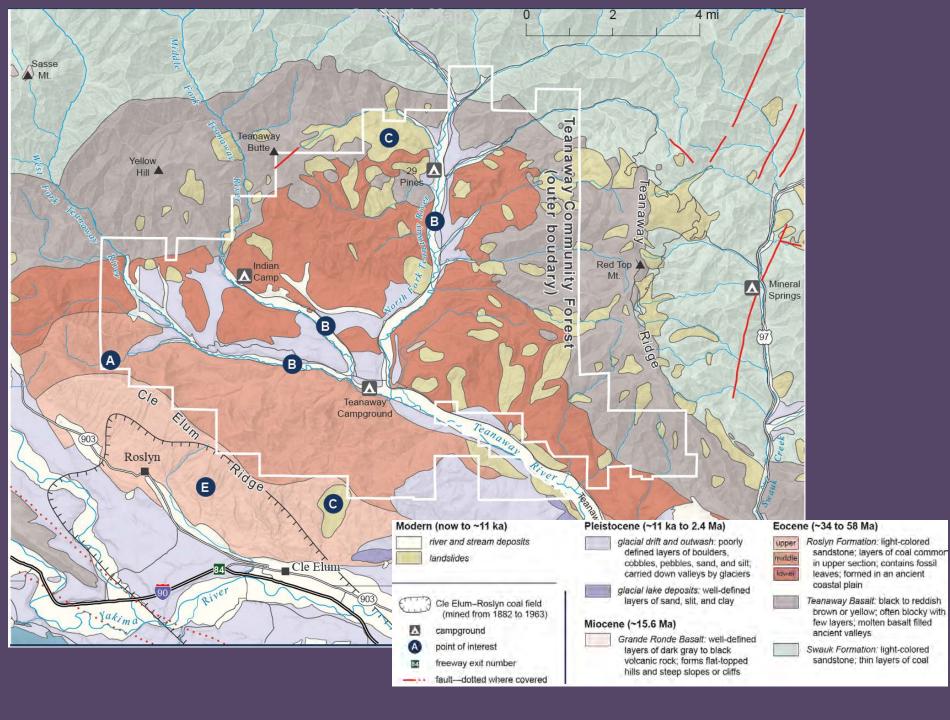
#### Eocene (~34 to 58 Ma)

upper	Roslyn Formation: light-colored
middle	sandstone; layers of coal common
midule	in upper section; contains fossil
lower	leaves; formed in an ancient
	coastal plain

- Teanaway Basalt: black to reddish brown or yellow; often blocky with few layers; molten basalt filled ancient valleys
- Swauk Formation: light-colored sandstone; thin layers of coal





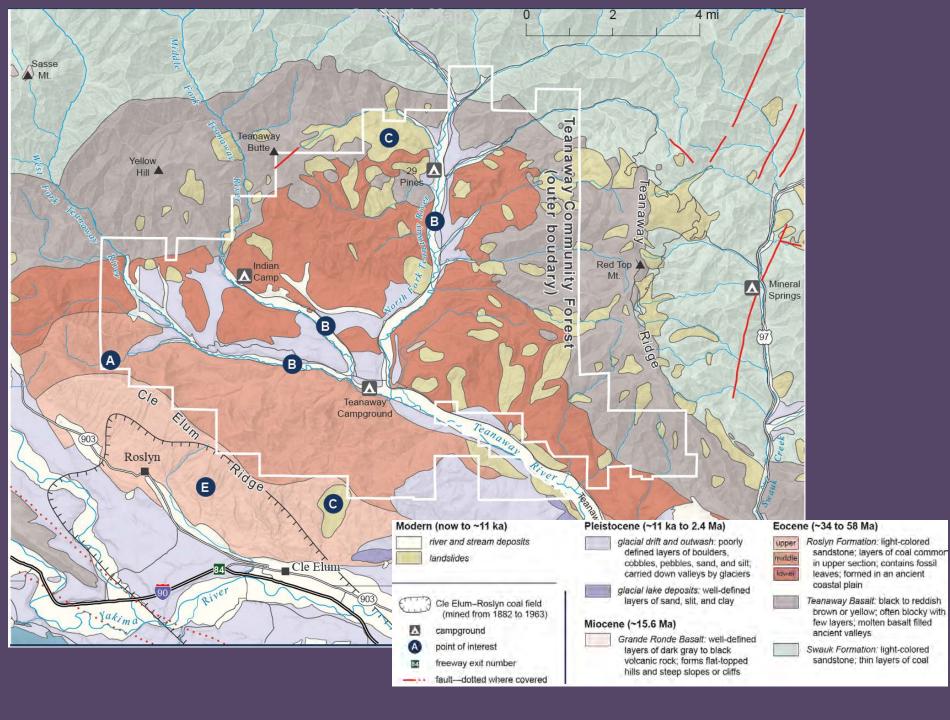


### **Teanaway Basalt**

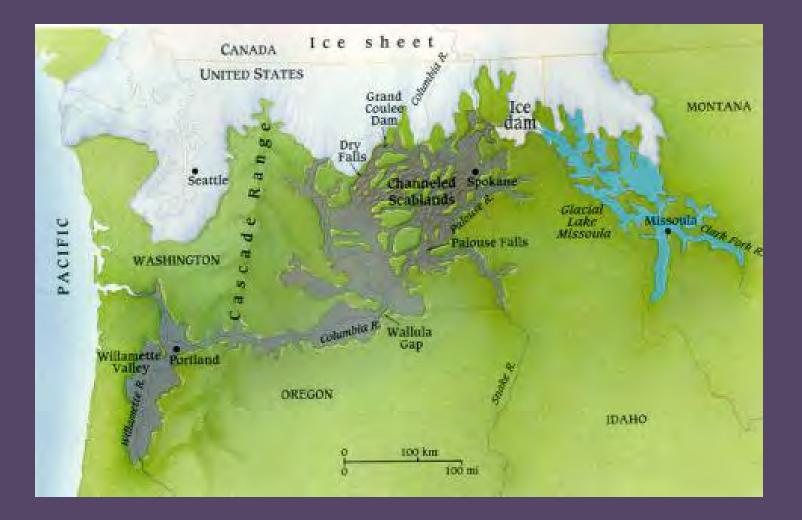
Eocene (~34 to 58 Ma)	
upper middle lower	Roslyn Formation: light-colored sandstone; layers of coal common in upper section; contains fossil leaves; formed in an ancient coastal plain
	Teanaway Basalt: black to reddish brown or yellow; often blocky with few layers; molten basalt filled ancient valleys
	Swauk Formation: light-colored sandstone; thin layers of coal







## **Glacial History**

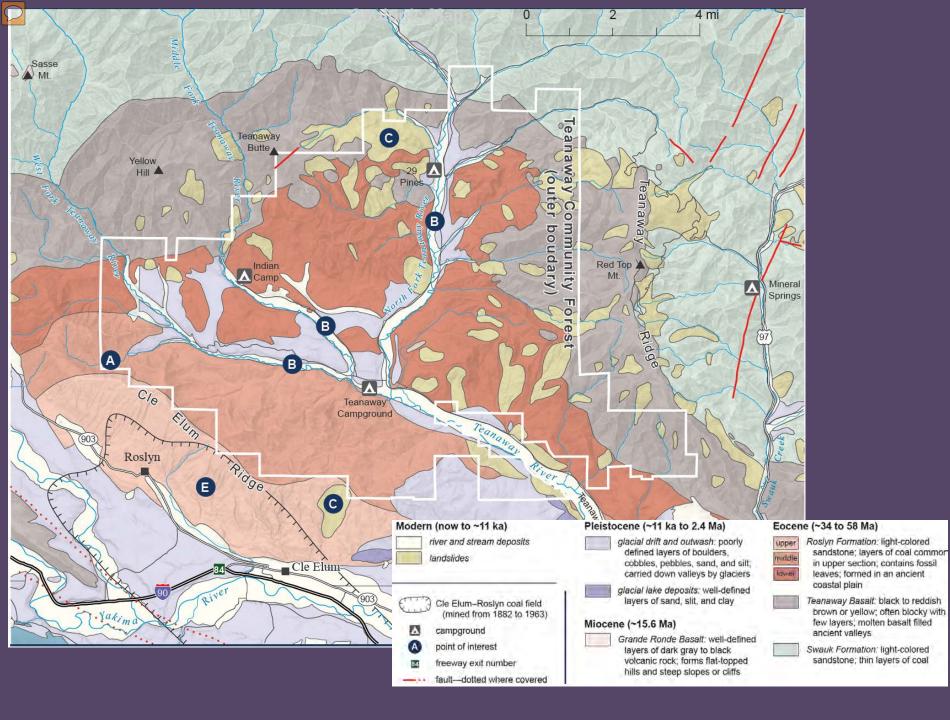


## Alpine Glaciation



## Glacial Dammed Lakes





## Landslides and Erosion

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