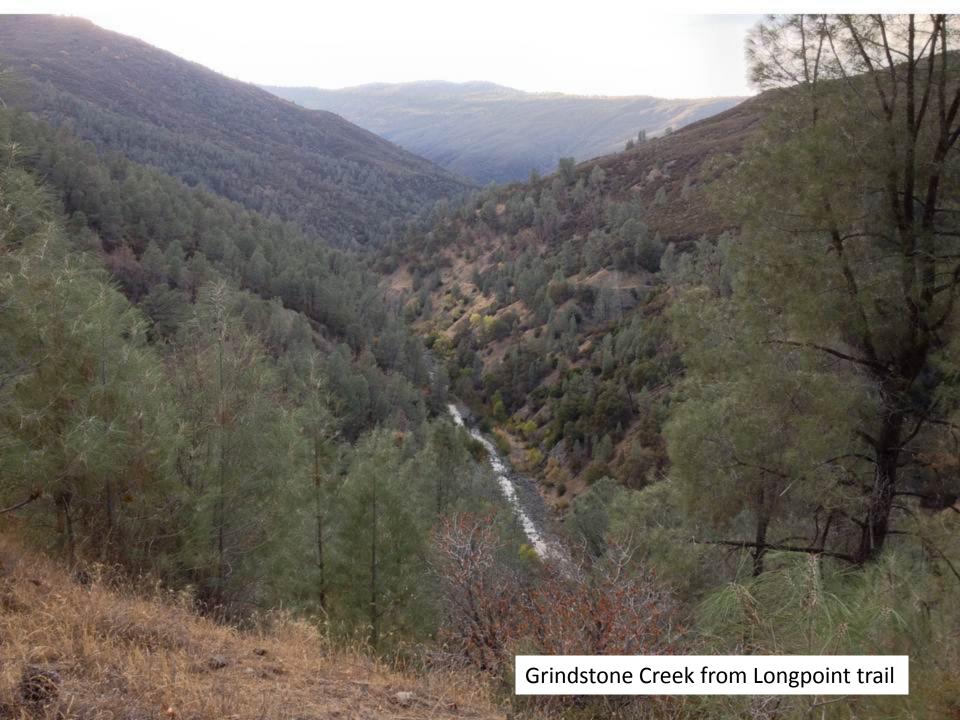
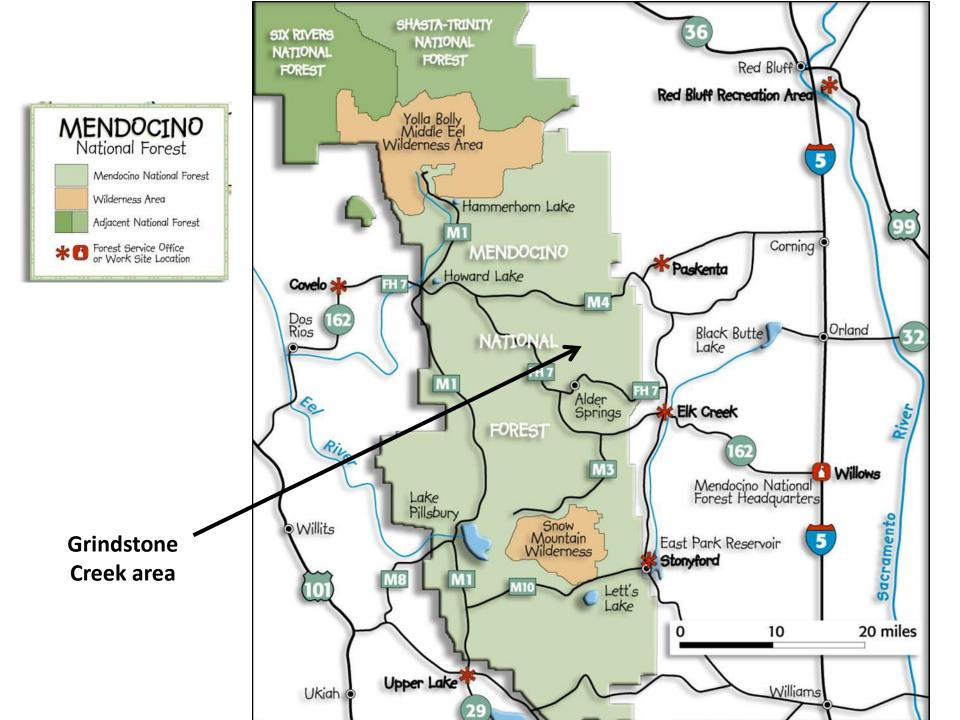
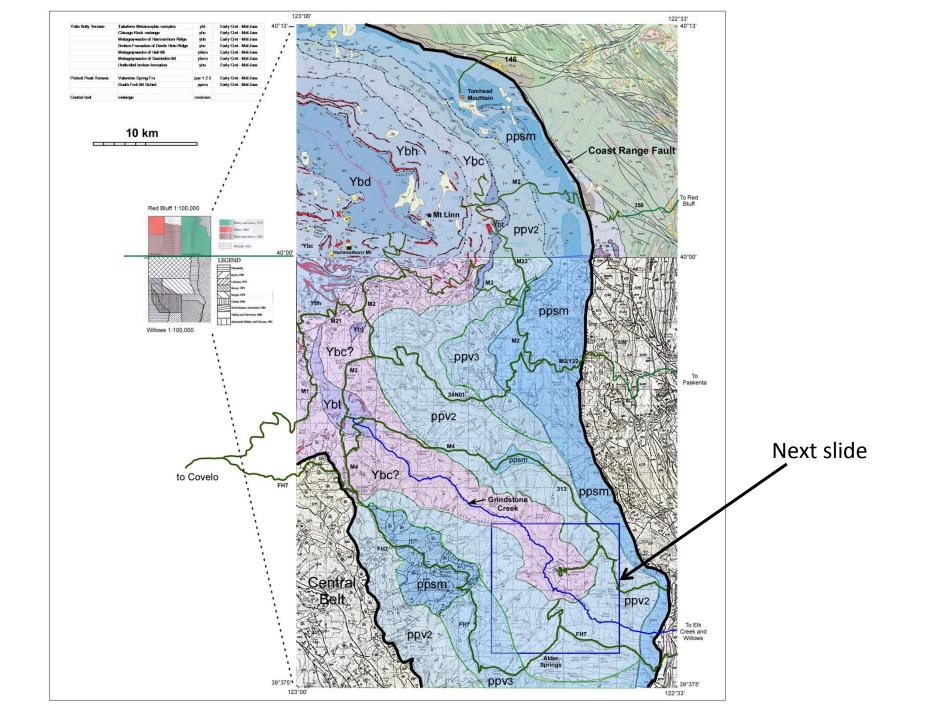
# Franciscan complex exposed in Grindstone Creek Upstream area

Work in Progress
Tom MacKinnon
tom.mackinnon@comcast.net

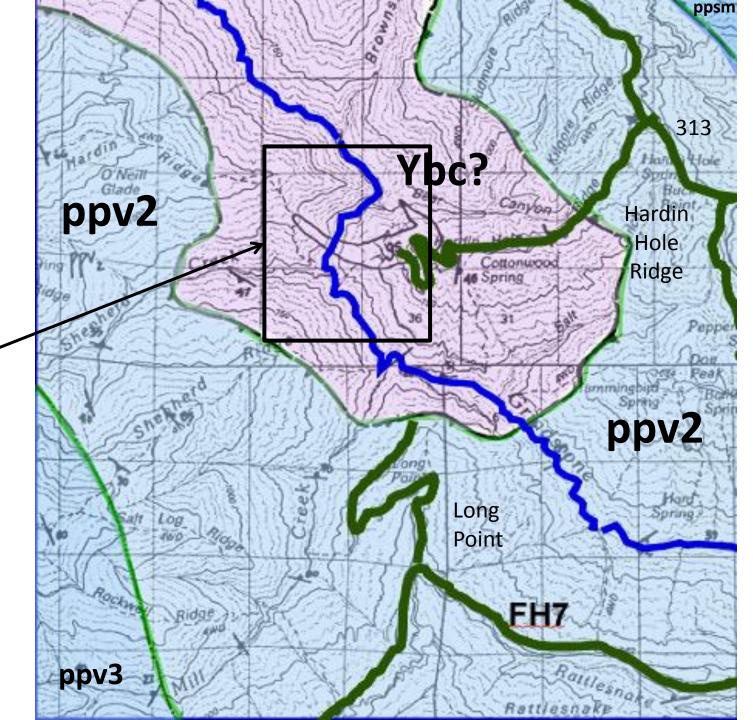


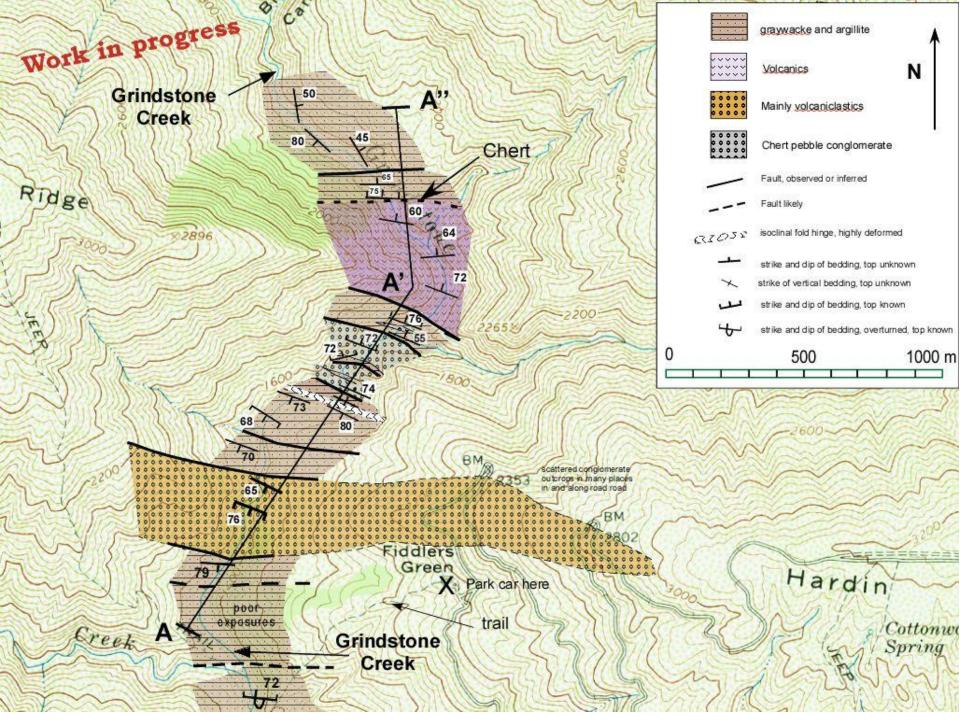




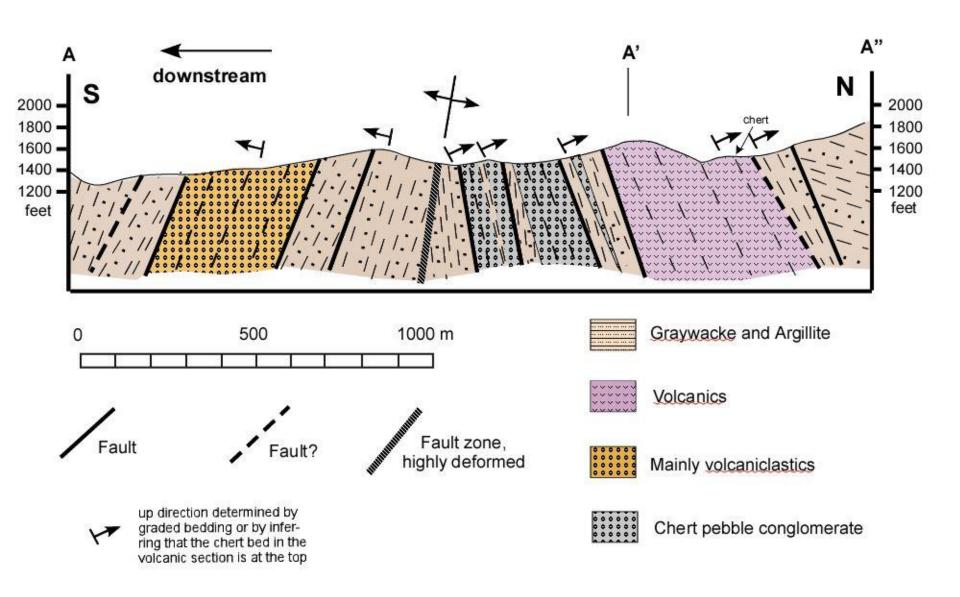
Willows 1:100,000 Geologic map

Upstream area





## Work in progress



## Graywacke and Argillite

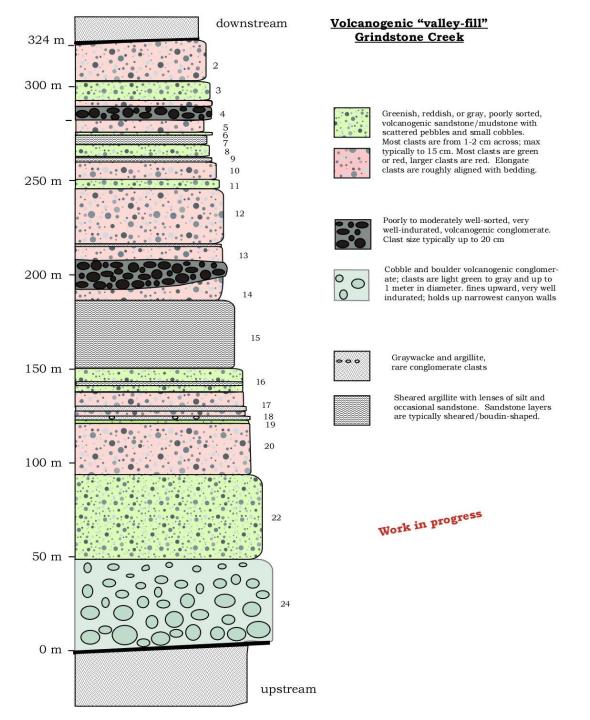






#### Volcaniclastic section

- ~ 325 meters thick
- 100% exposure
- Deposited by sediment gravity flows
- Sediment is mainly of volcanic origin
- ~10-15% is graywacke/argillite







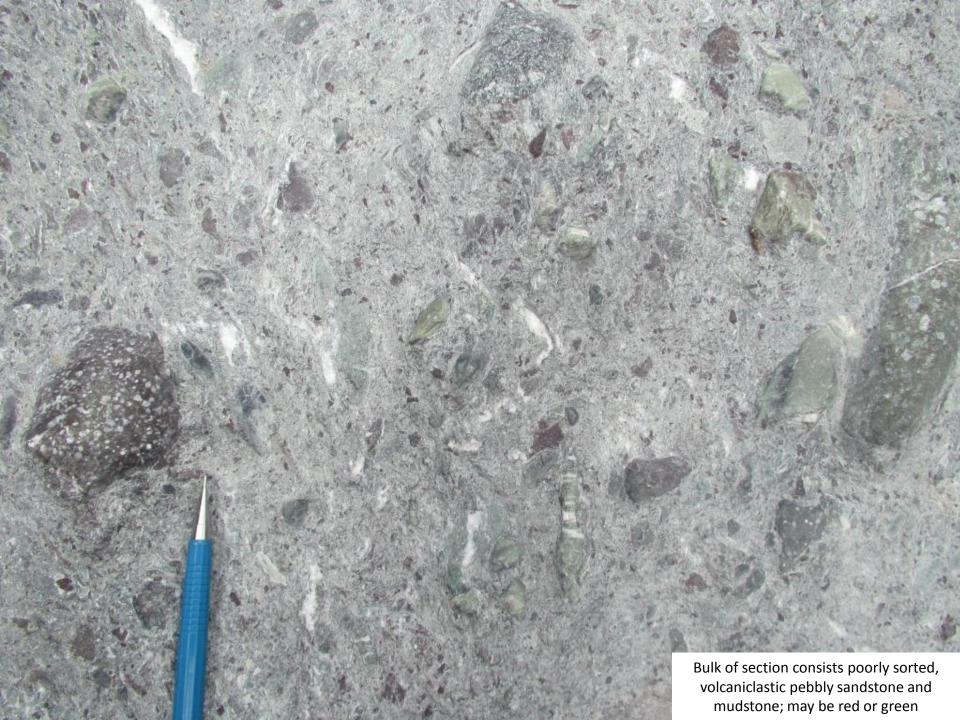




















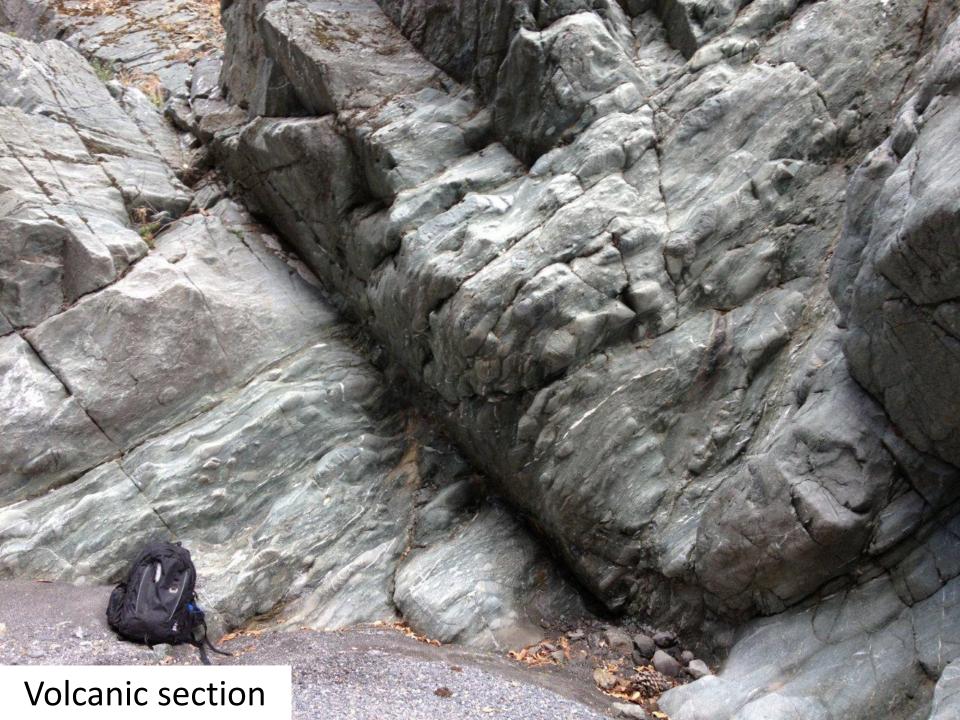




### Volcanic sequence

- ~ 400 meters thick
- 100% exposure
- Seamount origin?
- Chert at top











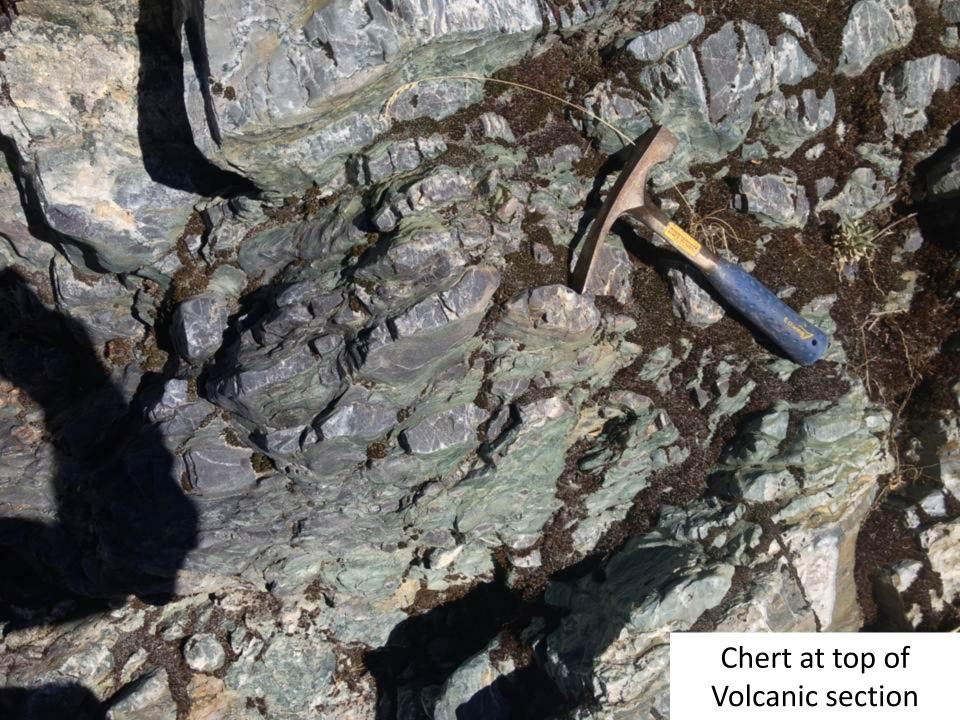












## Chert-Pebble Conglomerate











## Hinge zone of Isoclinal fold

