

# Structural Mapping Project: Northwest Thousand Springs Valley

Suzanne Bannan



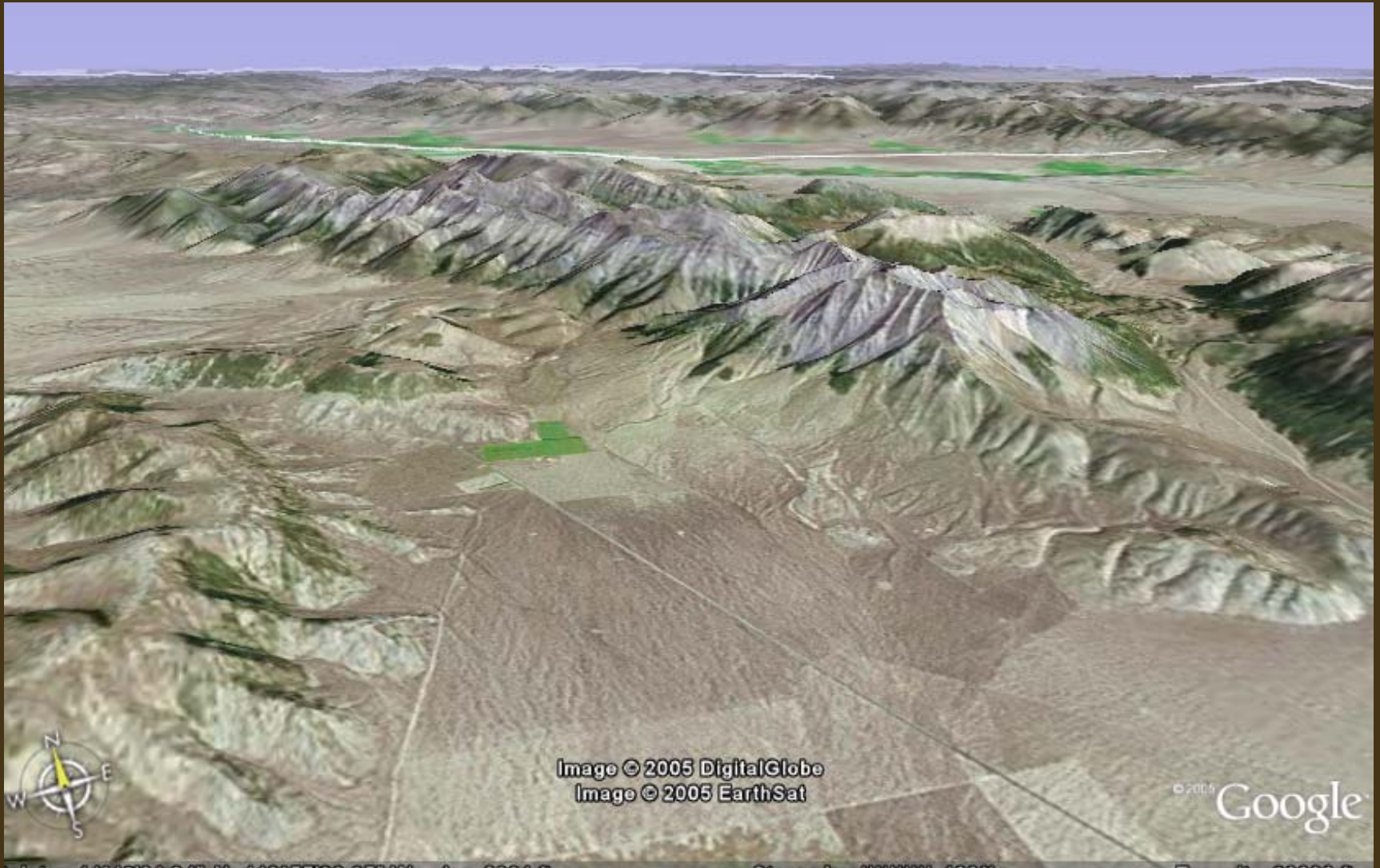


Image © 2005 DigitalGlobe  
Image © 2005 EarthSat

© 2005 Google

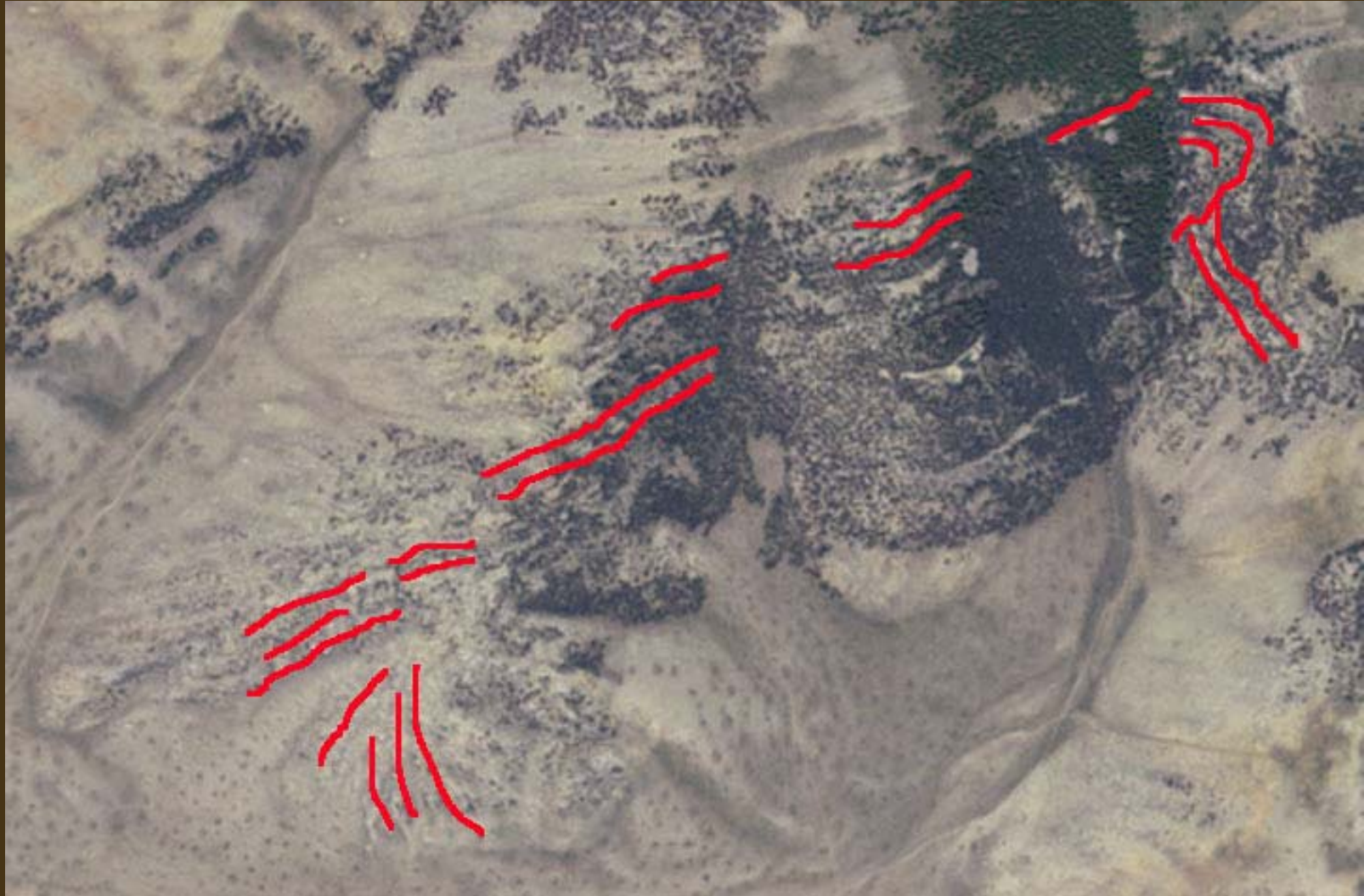
Latitude: 44°42'34.24" N, Longitude: 120°05'W, elevation: 8834 ft, Altitude: 10000 ft, Elevation: 8834 ft



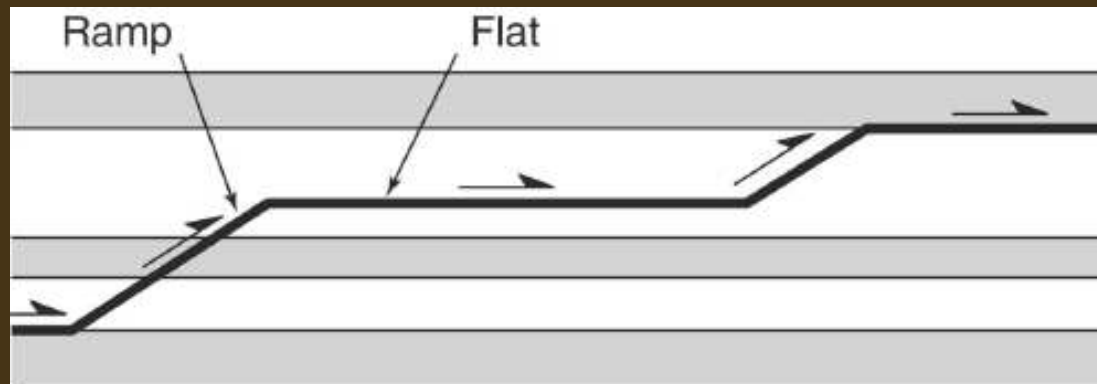




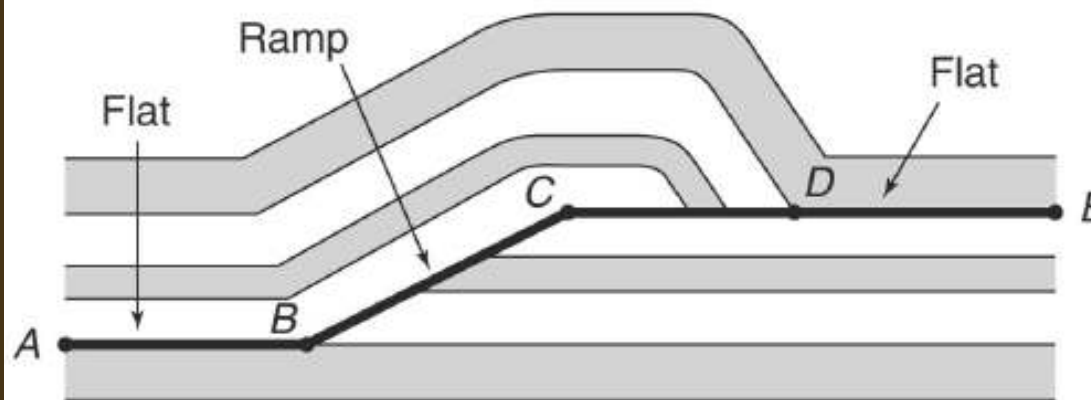
# Areas to check in field



# Thrust Fault

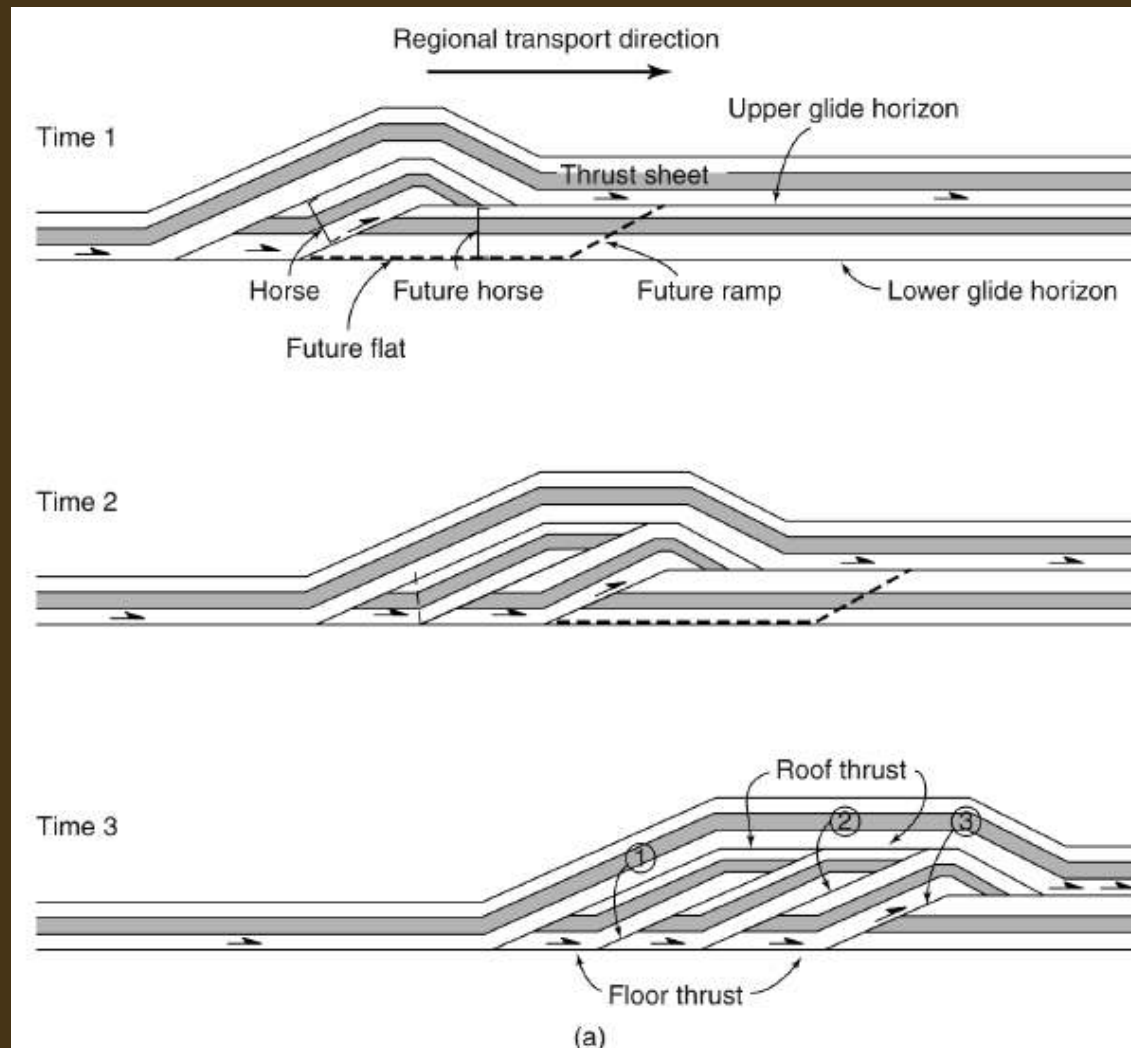


(a)



(b)

# Thrust Sheet





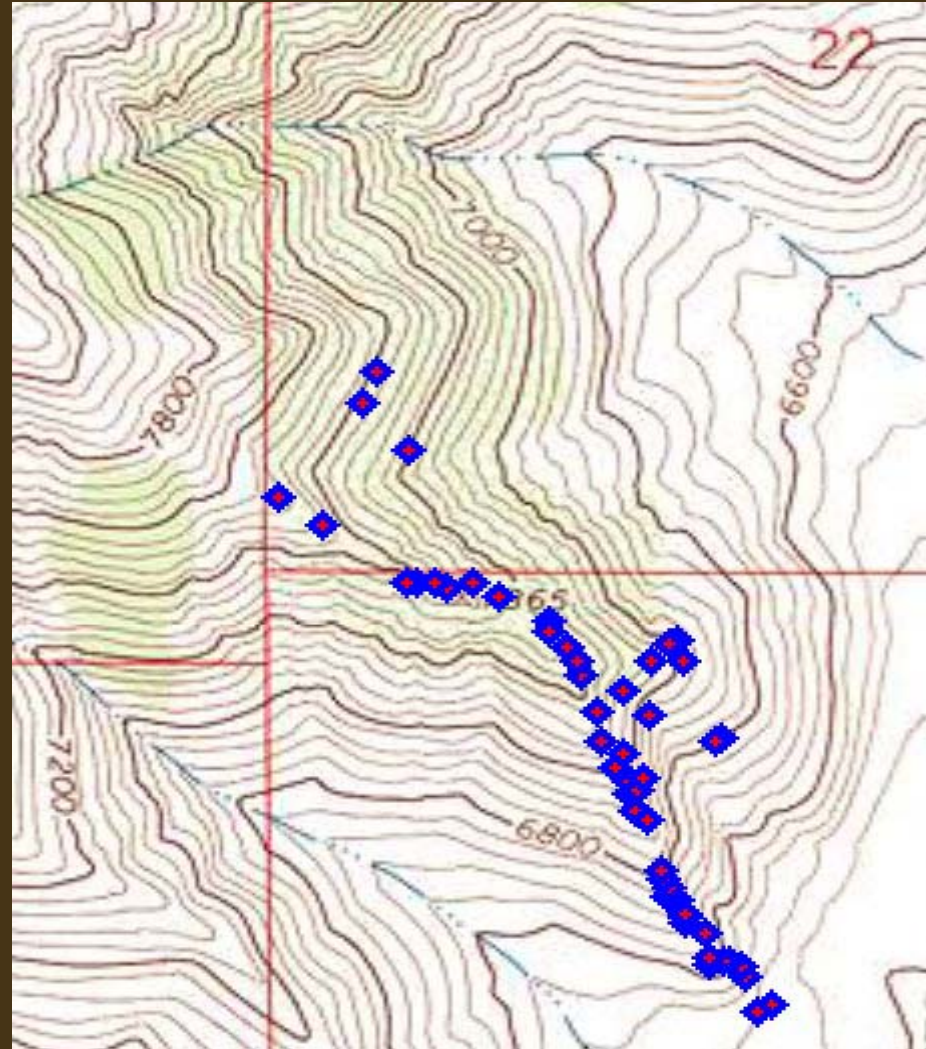
# Methodology

- Collect strike and dip data
- Plot strike and dip data on map
- Make interpretations from field data





# Data Points





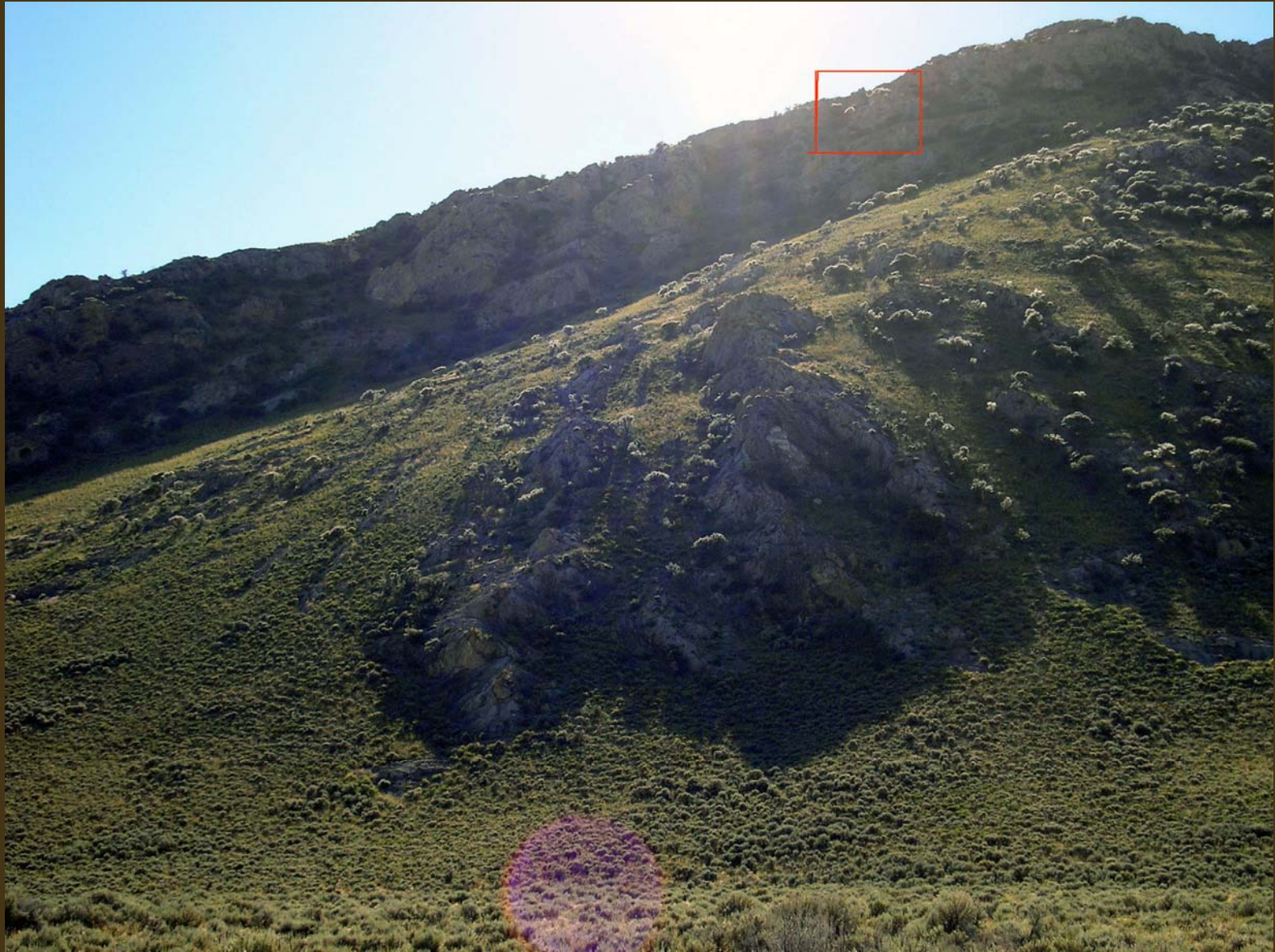
















# Conclusions

- Thrust faults are found and assumed to be Mesozoic in age
- Thrusting appears to be southwest to northeast
- Deformation is complex
- Geothermal deposits are found
- More work could be done to understand structural characteristics

