Plate 1: Paleogene subcrop data for the Sevier hinterland

Subcrop age data compilation:

- Subcrop age beneath exposures of Paleogene uncertainty
- Youngest permissible subcrop age beneath Paleogene unconformity (where not exposed)
- Youngest permissible subcrop age beneath Paleogene unconformity in drill hole
- Youngest permissible subcrop age beneath Paleogene unconformity in drill hole
- Extensive exposure of rocks in hanging wall of Roberts Mountains thrust

Data sources:
- Wernicke et al. (1988)
- Cole and Cashman (1999): Nevada Test Site/Nellis Air Force Range

With additions from:
- Dunne (1986): Eastern Sierra thrust belt
- Walker et al. (1995): Clark Mountains

Thrust correlation scheme in Utah:
- Christie-Blick (1983): Sheeprock Mountains

Additional referenced data sources:
- DeCelles and Coogan (2006)
- Morris (1983)
- French (1998): Railroad Valley Nevada

Drillhole data from:
- Hess et al. (2004): Nevada

Additional referenced data sources:
- 1. Hess and Blake (1976)
- 4. Druculic et al. (2006a)
- 5. Graham (1982)

Contractual Structures

Wells area:
- IT: Independence thrust

Central Nevada thrust belt:
- Eureka area to Pancake Range:
  - HF: Hoosier fault
  - PSF: Pinto Summit fault
  - MNT: Mortez-Nager thrust
  - MPT: Moody Peak thrust
  - DWT: Duckwater thrust
  - PCT: Pancake thrust
  - MSG: McClure Spring syncline

Grant/Quinn Canyon thrusts:
- TMA: Timber Mountain anticline
  - SCT: Schofield Canyon thrust
  - RT: Rinneck thrust
  - SMT: Sawmill thrust

Garden Valley thrust system:
- FT: Feeding thrust
  - LT: Lincoln thrust
  - SPF: Schofield Pass fault
  - ST: Schofield thrust
  - GGT: Golden Gate thrust
  - MT: Mount Irish thrust
  - PT: Pahranagat thrust
  - EPF: East Pahranagat fault

Sevier fold-thrust belt:
- Nevada Test Site/Nellis Range:
  - BRT: Belted Range thrust
  - MTT: Mokelumne thrust
  - PNT: Panama thrust
  - CPT: CP thrust
  - SRT: Symbol Range thrust
  - SDT: Spotted Range thrust
  - PA: Pinto anticline

North of Nellis Range:
- BICT: Big Cow thrust
  - FRT: Fishhook Ridge thrust
  - East of Nellis range:
    - GPT: Gass Peak thrust
    - DLT: Dry Lake thrust
  - MMT: Muddy Mountains thrust
  - GT: Glendale thrust
  - WTT: Willow Tank thrust
  - MT: Moomon thrust
  - TST: Tule Spring thrust

South of Las Vegas Valley:
- WPT: Wheeler Pass thrust
  - LCNT: Lee Canyon thrust
  - GMT: Green Monster thrust
  - KT: Keystone thrust
  - CT: Contact thrust
  - RST: Red Spring thrust
  - BST: Bird Spring thrust

Sevier fold-thrust belt, continued:
- Southeast California:
  - WpPT: Winters Pass
  - - Pachall thrust
  - MPT: Mosquito Pass thrust
  - RMT: Roaney/Mollusk Mine thrust
  - LCT: Last Chance thrust
  - GRT: Grapevine thrust
  - MCT: Marble Canyon thrust
  - LMT: Lemonege thrust
  - SPT: Schwaub peak thrust
  - CRT: Cline thrust
  - BVT: Butte Valley thrust
  - BRT: Blue Mountain thrust
  - PVT: Pavan thrust
  - RT: Red Ridge thrust
  - BMT: Blue Mountain thrust
  - Northern Utah:
    - CNT: Charleston-Nebo thrust
    - NQT: North Quereth thrust
    - MDT: Midas thrust
    - STT: Stockton thrust
    - TVT: Tintic Valley thrust
  - CBT: Broad Canyon thrust
  - DRT: Delphi Ranch East thrust
  - CTD: Cedar thrust
  - SVT: Skull Valley thrust
  - GCT: Government Canyon thrust
  - PLT: Pole Canyon thrust
  - SRT: Sheeprock thrust

Apparent trace of Roberts Mountains thrust system:
- Last Chance thrust system

Nellis Air Force Range and Nevada Test Site

Additional referenced data sources:
- Dunne (1986): Eastern Sierra thrust belt
- Walker et al. (1995): Clark Mountains

Thrust correlation scheme in Utah:
- Christie-Blick (1983): Sheeprock Mountains

Additional referenced data sources:
- DeCelles and Coogan (2006)
- Morris (1983)
- French (1998): Railroad Valley Nevada

Drillhole data from:
- Hess et al. (2004): Nevada

Additional referenced data sources:
- 1. Hess and Blake (1976)
- 4. Druculic et al. (2006a)
- 5. Graham (1982)