










-  Eocene granites
-  Dike swarm
-  Grabens of the TCFZ
-  Twin Peaks caldera
-  Thunder Mountain caldera
-  Van Horn Peak cauldron complex
-  Faults associated with the Trans-Challis fault zone; bar and ball on down thrown side
-  Strike-slip faults that may predate development of the Trans-Challis fault zone
-  Panther Creek fault of previous workers

*Challis Volcanic Field and Trans-Challis Fault Zone. Regional map of the main calderas of the Challis Volcanic field, the Trans-Challis fault zone (TCFZ) and younger normal faults. BCP=Bighorn Crag pluton; CC=Corral Creek cauldron segment; CG=Custer graben; CP=Casto pluton, CR=Castle Rock cauldron segment; KG=Knapp Creek graben; PC=Pistol Creek dike swarm; PCHG=Panther Creek half graben; TM=Thunder Mountain cauldron complex; TP=Twin Peaks caldera; VH=Van Horn Peak cauldron complex. Sources: Shockey (1957); Bennett (1977); Harrison (1985); Ekren (1988); Janecke (1994); Evans and Connor (1993); Fisher et al. (1992); Janecke and Snee (1993); Modreski (1985). (Modified from Janecke et al., 1997, Figure 1).*