- Miocene ash fall (Humboldt Fmn; ELM11-PN13 & ELM11-PN2)
- Basaltic trachyandesite intrusion (Tbta; 12JLS125)
- Miocene(?) andesite volcanic rocks (Ta; 12JLS225)
- Aphanitic black basaltic andesite flow (Tba; 12JLS124)
- tuff of Hackwood Ranch (Tthr; 11JLS105 & HACK-1)
- tuff of Dixie Creek -- Dark pumice (12JLS210)
- tuff of Dixie Creek -- Papery pumice (12JLS211)
- tuff of Dixie Creek (Ttdc; 10JLS05 & 10JLS06A)
- Subvolcanic intrusives (Tsvi; 10JLS11A; JLS-PLUG1)
- Rhyolite flows and domes (Tiwr; 10JLS10; 10JLS11B)
- Eocene–Oligocene Sulphur Spring Range volcanics (Ryskamp et al., 2008)
- Miocene basalt from Sulphur Spring Range (Ryskamp et al., 2008)
- Northeast Nevada Volcanic Field (Brooks et al., 1995)
- Eocene–Oligocene Carlin Trend volcanics (Ressel & Henry, 2006)
- Harrison Pass Pluton (Barnes et al., 2001)
- tuff of Dixie Creek (Palmer et al., 1991)
- tuff of Hackwood Ranch (Palmer et al., 1991)
- "Porter Complex" (Palmer et al., 1991)
- Diamond Hills Volcanics (Palmer et al., 1991)