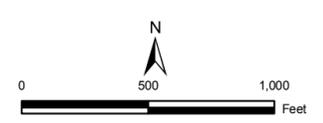


LEGEND

- W** Water
- Qa** **Quaternary Alluvium.** Gravel, sand, silt, clay in valleys.
- Qls** **Quaternary Landslides**
- Tml** **Monterey Shale, Lower Member** (Miocene age). Marine semi-siliceous biogenic shale, tan, with thin layers and nodules of light gray to tan dolomite.
- Tvt** **Vaqueros Sandstone** (Lower Miocene Age). Marine sandstone, light gray to tan, massive, arkosic, locally pebbly.
- Tvs** **Vaqueros Sandstone** (Lower Miocene to Upper Oligocene). Marine sandstone, light gray to tan, arkosic, lithified.
- Kas** **Atascadero Formation** (Upper Cretaceous). Marine sandstone, light gray to light brown, thick-bedded, competent, arkosic, micaceous, includes lenses of cobble conglomerate of meta-andesitic volcanic and plutonic rocks.
- sp** **Serpentine.** (Jurassic-Cretaceous) Franciscan Assemblage. Blue-green-gray metamorphosed mafic igneous rocks.
- fm** **Franciscan Assemblage.** (Jurassic-Cretaceous) Melange (mixture) of pervasively sheared, dark gray claystone and graywacke with blocks of greenstone and chert.
- fs** **Franciscan Assemblage.** (Jurassic-Cretaceous) Graywacke sandstone, gray, massive to bedded, fine-grained.
- fcg** **Franciscan Assemblage.** (Jurassic-Cretaceous) Conglomerate of cobbles and pebbles of black to gray chert and quartzite.
- BV Mine and Klauf Mine Parcel Boundaries
- Area of Pervasive Mineralization (Eckel 1941)
- Fault (Dashed where uncertain, dotted where concealed)
U = up thrust block and D = drop block

Source:

- Aerial: US Department of Agriculture National Aerial Imagery Program, 2005
- Asihene, E.B. 1962. *Geology of the Buena Vista Mercury Mine, Klauf Mining District, San Luis Obispo County, California.* University of California Los Angeles
- Dibblee, TW 2007a. [Mapped 1971] *Geological Map of the Cypress Mountain Quadrangle, San Luis Obispo County, California.* DF-284. Dibblee Geology Center Map.
- Dibblee, TW 2007b. [Mapped 1971] *Geological Map of the Lime Mountain Quadrangle, San Luis Obispo County, California.* DF-285. Dibblee Geology Center Map.
- Eckel, E.B., Yates, R.G., and Granger, H.E. 1941 *Quicksilver Deposits in San Luis Obispo County and Southwestern Monterey County, California.* U.S Geological Survey Bulletin 922-R



**FIGURE 2-8
KLAU AND BUENA VISTA
MINES GEOLOGY**

KLAU AND BUENA VISTA MINES
SAN LUIS OBISPO COUNTY, CALIFORNIA