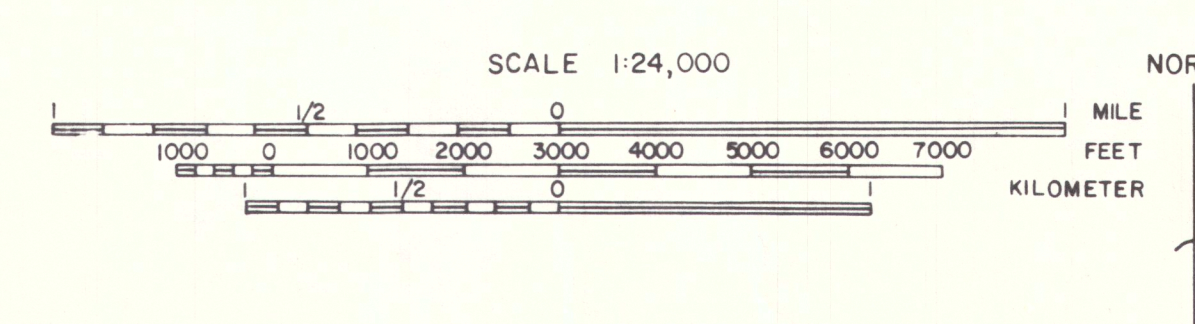


- 11 Alluvium (Qat) - poorly sorted gravel, sand, and silt.
- 12 Tan deposits (Qat) - non-sorted to poorly sorted fragments of volcanic rocks.
- 13 Red spring deposits (Qat) - silicified and oxidized sand and gravel, and clasts of siltstone or sandstone.
- 14 Basaltic andesite (Kamb) - (Qat-Tert) - bluish dark gray locally vesicular lava flows. Flows overlap uppermost magmatite of Santa Fe Formation.
- 15 Santa Fe Formation (Qat-Tert) - light brown indurated coarsely crystalline and locally conchoidal (Kamb) of volcanic rocks. Locally abundant secondary chalcocite, quartz veins and vein fillings.
- 16 Yellow quartz latite of Wicks (Qat) - (Qat) - medium gray to white quartzite to light brown andesite to porphyritic quartz latite and latite flow breccia.
- 17 Andesite (Qat) - white to yellowish porphyritic rock as dikes, commonly contains 10-20 percent sandstone and siliceous quartz porphyry.
- 18 Smoking Gun Tuff (Qat) - pale red, medium light gray, and pinkish-gray ash flow tuff, densely welded with concretion formation.
- 19 Superlamp Tuff (Qat) - very light gray, greenish-gray, and grayish-yellow-green air-fall tuff and tuffaceous sandstone.
- Copper Flat Stock (Upper Cretaceous)**
- 20 Quartz Monzonite - light pinkish-gray to light gray with hypidiomorphic granular to porphyritic to fine-grained granitic texture. Contains euhedral orthoclase laths, subhedral oligoclase, quartz, biotite, hornblende, and hornblende.
- 21 Quartz latite dike - light gray to light pinkish-brown porphyry containing phenocrysts of oligoclase, quartz, and quartz in a matrix of small feldspar microclites. Dikes are generally radial to Copper Flat Stock, and are locally mineralized with pyrite, chalcocite, and gold.
- Wick Spring Canyon Stock (Upper Cretaceous)**
- 22 Quartz Monzonite - light pinkish-gray hypidiomorphic to xenomorphic granular medium-grained rock containing orthoclase, oligoclase, quartz, biotite, hornblende, epidote, and accessory spines, ferric oxides, and apatite.
- 23 Quartz monzonite - light gray hypidiomorphic granular medium-grained rock containing orthoclase, biotite, hornblende, biotite, and iron oxides.
- 24 Andesitic rocks of Copper Flat (Upper Cret.) - dark gray, medium gray, and greenish-gray andesitic to porphyritic andesite and andesite breccia lava flows. Andesite is pyroclitic near Copper Flat Stock and along faults within andesite.
- 25 Magdalena Group (Middle Penn.) - limestone, shale, and very minor chert and limestone-conglomerate. Very limited outcrop in map area.
- 26 Lake Valley Limestone (Lower Perm.) - very limited outcrop in map area.
- 27 Fusshelman Dolomite (Middle Silurian) - medium gray to light olive-gray dolomite, medium to thick bedded, very finely crystalline to conchoidal, generally weathers brown.
- 28 El Paso Limestone (Lower Ord.) - medium light-gray to medium dark-gray limestone, thin to medium bedded, agentic to finely crystalline and locally pelletal. Unit is most often strongly silicified in map area.
- 29 Bliss Sandstone (Lower Ord.-Upper Carbonian) - light brown, dark greenish-gray, olive-gray, well indurated quartzitic sandstone. In map area unit is thin bedded and glauconitic and iron oxides are common.



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