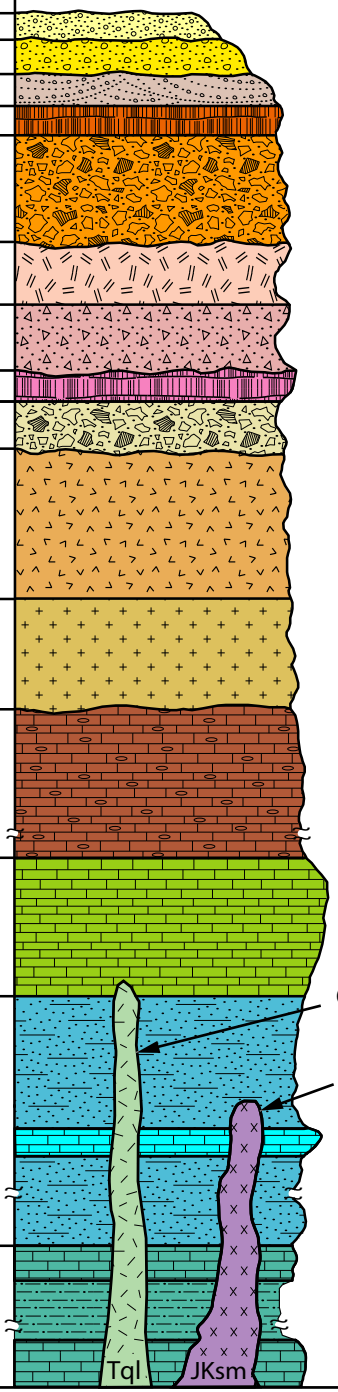
Cuprite, NV Stratigraphic Section

Age	Map/Drill H. Symbol	Thickness (meters)	Formation	Description
Quater-nary	Qa	0 - 3	Alluvium	Sand and gravel, locally bearing cobbles
	Qp	0 - 5	Pediment Alluvium	Sand, gravel, and cobbles on pediment
	TQoa	3	Old Alluvium	Contains limestone clasts
Miocene	Tb2	3	Pediment Basalt	Basalt with plagioclase phenocrysts (6.2 Ma)
	Trs	0 - 100	Rabbit Springs Formation	Conglomerate and sandstone with altered clasts of Harkless phyllite
	Tsf2	18 - 24	Stonewall Flat Tuff: Civet Cat Canyon Mb.	Gray sodic peralkaline rhyolitic ash-flow tuff containing sanidine phenocrysts (7.54 Ma)
	Tsf1	18 - 30	Stonewall Flat Tuff: Spearhead Mb.	Pink sodic peralkaline rhyolite ash-flow tuff containing sanidine phenocrysts (7.61 Ma)
	Tb1	0 -10	Porphyritic Basalt	Porphyritic flow with plagioclase and olivine phenocrysts
	Tch	0 - 15	Cuprite Hills Conglomerate	Conglomerate and sandstone with altered clasts of Harkless phyllite
	Tst	85 - 160	Siebert Tuff	Air-fall tuffs, including coarse-grianed tuff, pumice lapilli tuff and tuff breccia (12.7 - 16.0 Ma)
Oligocene	Tw	> 100	Ashflow Tuff	Crystal-rich rhyolite or quartz latite tuff containing quartz, sanidine, plagioclase, and biotite phenocrysts (27 Ma)
Mid. & Upper Cambrian	Ꞓe	~1700	Emigrant Fm.	Thinly interbedded limestone and chert
Lower Cambrian	Ꞓms	~140	Mule Spring Limestone	Finely crystalline limestone
	Ꞓh	~1000	Quartz Latite Dikes	Porphyritic quartz latite with alkali feldspar (now partially altered to sericite) and scarce biotite phenocrysts intrude Paleozoic units (Tertiary?)
			Syenomonzonite Dikes	Equigranular intrusive with K-feldspar and plagioclase (now partially altered to chlorite), biotite, and quartz (Jurassic - Cretaceous?)
	Ꞓhl			Limestone interbeds
			Harkless Fm.	Quartzite, phyllitic siltstone, chloritic - phyllite
	Ꞓp	~600	Poleta Fm.	Limestone, phyllitc siltstn., quartzite (unit not exposed at Cuprite)