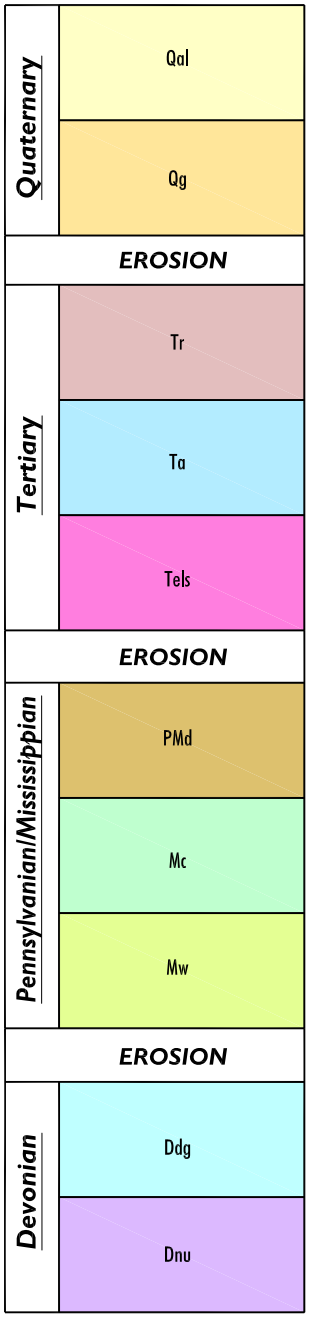

Alluvium and Colluvium
Alluvium and colluvium deposited along active stream channels, valleys and alluvial fans

Gravel, Sand and Silt
Older alluvial gravel and sand deposits as major valley fill and playa lake deposits

Rhyolite Tuff
Massive rhyolitic lapilli tuff and minor volcanic breccia, locally glassy texture with phenocrysts of biotite and hornblende

Basalt
Dark fine grained volcanic rocks

Limestone (Oil Shale Unit)
Limestone, thin bedded light gray and tan, interbedded with laminated shale, siltstone, oil shale and tuff

Diamond Peak Formation (Tonka Formation)
Conglomeration and sandstone with minor marly shale interbeds; thickness 4700+ feet

Chainman Shale
Predominantly light gray and black, soft, carbonaceous shale with lesser amounts of gray siltstone, lenticular tan quartzose sandstone, and minor conglomerate and limestone; thickness 1600+ feet

Webb Formation
Predominantly laminated to thin-bedded, gray carbonaceous and siliceous mudstone and claystone that weathers grayish brown to black, thin sandstone and minor limestone; thickness 730-800+ feet

Devils Gate Formation
Predominantly thin to thick interbedded blue-gray limestone and black to white dolomite; thickness 800+ feet

Nevada Formation
Upper dolomite member - brown and gray dolomite in alternating layers; thickness 940+ feet

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U.S. Department of the Interior
Bureau of Land Management
Elko District Office
Elko, Nevada

Geologic Stratigraphic Section
Emigrant Project
Elko County, Nevada
FIGURE 3-2