Legend for Nevada State Digital Geologic Map

Quaternary Rocks

- Qal - Alluvium, undifferentiated
- Qya - Younger Alluvium
- Qs - Sand Dunes
- Qpl - Playa, Lake Beds and Flood Plains
- Qg - Glacial Moraines
- Qb - Basalt Flows

Quaternary or Tertiary Rocks

Sedimentary Rocks

- QToa - Older Alluvium and Alluvial Fans
- QTg - Older Gravels
- QThs - Hot Spring Travertine, Sinter and Tufa
- QTls - Landslides, Colluvium and Talus
- QTs - Tuffaceous Limestone, Silt, Sandstone and Conglomerate

Volcanic Rocks

- QTb - Basalt Flows
- QTa - Andesite Flows and Breccias
- QTr - Rhyolite Dome

Tertiary Volcanic and Sedimentary Rocks

- Tba - Andesite and Basalt Flows
- Tbg - Basalt, Gravel and Tuffaceous Sedimentary Rocks
- Ths - Tuffaceous Sedimentary Rocks
- Ts3 - Tuffaceous Sedimentary Rocks
- Tb3 - Basalt
- Ta3 - Andesite/Intermediate Flows and Breccias
- Tt3 - Silicic Ash Flow Tuffs
- Tr3 - Rhyolitic Flows, Shallow Intrusive Rocks
- Ts2 - Tuffaceous Sedimentary Rocks
- Tb2 - Basalt, Tuff and Breccia
- Ta2 - Andesite/Intermediate Flows and Breccias
- Tt2 - Silicic Ash Flow Tuff
- Tr2 - Rhyolitic Flows and Shallow Intrusive Rocks
- Ts1 - Lacustrine and Tuffaceous Sedimentary Rocks
- Ta1 - Andesite/Intermediate Flows and Breccias
- Tt1 - Silicic Ash Flow Tuffs
- Tr1 - Rhyolitic Flows and Shallow Intrusive Rocks

Mesozoic Sedimentary Rocks, Assemblages and Terranes

Cratonal Sequence

- Jas - Eolian Crossbedded Sandstone
- JTRch - Continentally derived Siltstone and Clay
- TRmt - Marine Siltstone, Limestone, Conglomerate

Siliciclastic Overlap Assemblage

- TRcl - Shale, Sandstone and Limestone

Humboldt Assemblage

- JTRs - Shale, Siltstone, Sandstone and Minor Carbonate
- TRc - Limestone, Dolomite, Shale, Sandstone and Conglomerate

Gold Range Assemblage

- JTRgor - Terrigenous Clastic and Volcanogenic Rocks

Localized Clastic Rocks

- TKcg - Conglomerate and Clastic Rocks
- Kcg - Siltstone, Shale, Conglomerate and Limestone
- Jcg - Conglomerate, Limestone and Quartz Sandstone

Jungo Terrane

- JO - Jungo terrane - Turbiditic, Fine-grained Terrigenous Clastic Rocks

Walker Lake Terrane

- WLB - Walker Lake terrane Luning-Berlin assemblage, Carbonate and Terrigenous Clastic Rocks
- WPL - Walker Lake terrane Pamlico-Lodi assemblge, Carbonate and Volcanogenic Rocks
- WPN - Walker Lake terrane, Pine Nut assemblage, Volcanogenic, Carbonate and Clastic Rocks

Quartz Mountain Terrane

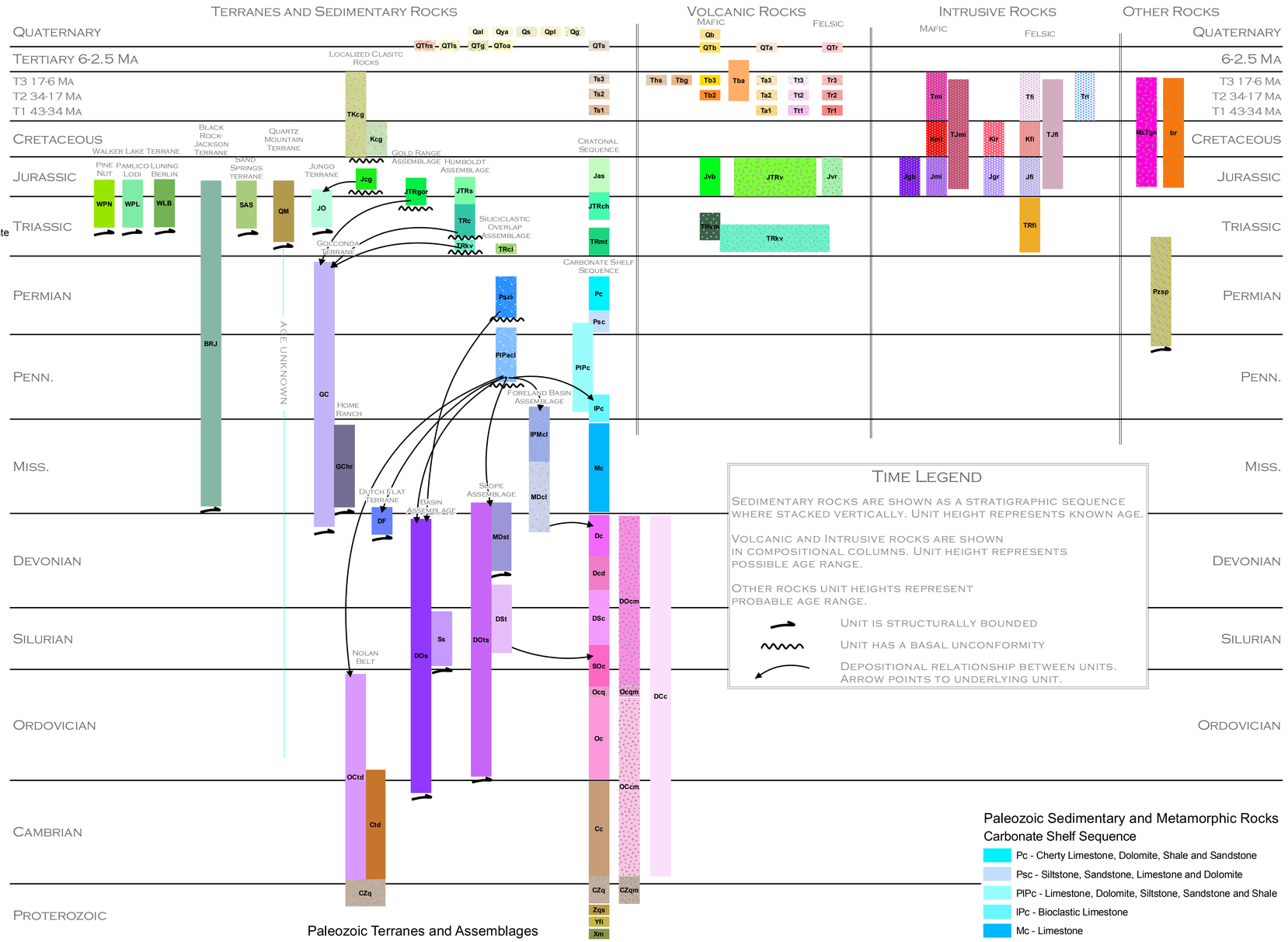
- QM - Quartz Mountain terrane, Orthoquartzite, Feldspathic Sandstone and Volcanic Rocks

Sand Springs Terrane

- SAS - Sand Springs terrane, Basinal Volcanogenic Rocks and Carbonate Turbidites

Black Rock-Jackson terrane

- BRJ - Black Rock-Jackson terrane, Basinal, Island Arc, Carbonate and Volcanogenic Rocks



Time Legend

Sedimentary rocks are shown as a stratigraphic sequence where stacked vertically. Unit height represents known age.

Volcanic and Intrusive rocks are shown in compositional columns. Unit height represents possible age range.

Other rocks unit heights represent probable age range.

- Unit is structurally bounded
- Unit has a basal unconformity
- Depositional relationship between units. Arrow points to underlying unit.

Paleozoic Terranes and Assemblages

Golconda Terrane

- GC - Golconda terrane, Basinal, Volcanogenic, Terrigenous Clastic and minor Carbonate Rocks
- GChr - Golconda terrane, Home Ranch subterrane, Limestone, Basalt, Chert, and Volcaniclastic Rocks

Siliciclastic Overlap Assemblage

- PaCl - Antler Sequence Sandstone, Conglomerate, Siltstone, Limestone, and Carbonaceous Limestone
- PlPaCl - Antler Sequence Conglomerate, Sandstone and Limestone

Foreland Basin Assemblage

- lPMcl - Shale, Siltstone, Sandstone and Conglomerate
- MDcl - Siltstone, Limestone, Shale and Sandstone

Dutch Flat Terrane

- DF - Dutch Flat terrane, Feldspathic Sandstone, Shale and Turbiditic Limestone

Slope Assemblage

- MDst - Shale, Graywacke, Siltstone, Chert, Conglomerate, and Limestone
- DSt - Platey Limestone, Dolomite and Chert
- DOts - Calcareous Shale, Siltstone, Chert, Quartzite, Greenstone

Basin Assemblage

- DOs - Shale, Chert, Quartzite, Greenstone and Limestone
- Ss - Feldspathic Sandstone, Siltstone, Shale and Chert

Nolan Belt

- OCtd - Shale, Chert, Phyllite, Quartzite and Limestone
- Ctd - Phyllite, Schist, Shale, Thin-bedded Limestone, Chert and Siltstone

Other Rocks

- br - Breccia; Volcanic, Thrust, Jasperoid and Landslide Megabreccia
- MzTgn - Gneiss, Schist and Migmatite
- Pzsp - Ultramafic Rocks, Serpentine

Tertiary and Mesozoic Intrusive Rocks

- Tfi - Felsic Intrusion
- Tri - Rhyolite Intrusion
- Tmi - Mafic Intrusion
- Kir - Intrusion
- Kfi - Felsic Intrusion
- Kmi - Mafic Intrusion
- Jfi - Felsic Intrusion
- Jgr - Intrusion
- Jmi - Mafic Intrusion
- Jgb - Gabbro complex, Anorthosite and Albitite
- TRfi - Felsic Intrusion
- TJfi - Felsic Intrusion
- TJmi - Mafic Intrusion

Mesozoic Volcanic Rocks

- Jvr - Rhyolite Flows, Tuffs and Volcaniclastic Rocks
- Jvb - Flows, Basaltic Tuffs and Lapilli Tuffs
- JTRv - Metavolcanic Rocks
- TRvm - Mafic Flows and Volcanic Breccias
- TRkv - Andesite, Rhyolite, Tuff and Volcaniclastic Rocks

Paleozoic Sedimentary and Metamorphic Rocks

Carbonate Shelf Sequence

- Pc - Cherty Limestone, Dolomite, Shale and Sandstone
- Psc - Siltstone, Sandstone, Limestone and Dolomite
- PlPc - Limestone, Dolomite, Siltstone, Sandstone and Shale
- lPc - Bioclastic Limestone
- Mc - Limestone
- Dc - Limestone and minor Dolomite
- Dcd - Dolomite, Sandstone and Limestone
- DSc - Dolomite
- SOc - Dolomite, Limestone and Shale
- Ocq - Quartzite
- Oc - Limestone, Dolomite and Quartzite
- Cc - Dolomite, Limestone and Shale

Undifferentiated and Metamorphosed Carbonate Shelf Sequence

- DCc - Dolomite and Limestone
- DOcm - Dolomite and Graphitic Marble
- Ocqm - Metaquartzite
- OCcm - Calcite Marble

Precambrian to Lower Cambrian Clastic Rocks

- CZq - Crossbedded Quartzite, Siltstone and Phyllite
- CZqm - Metaquartzite
- Zqs - Quartzite, Siltstone, Conglomerate, Limestone and Dolomite

Proterozoic Basement Rocks

- Yfi - Felsic Intrusive
- Xm - Gneiss and Schist