PRELIMINARY GEOLOGIC MAP OF THE STOCKTON FLAT WELL QUADRANGLE, LYON AND STOREY COUNTIES, NEVADA

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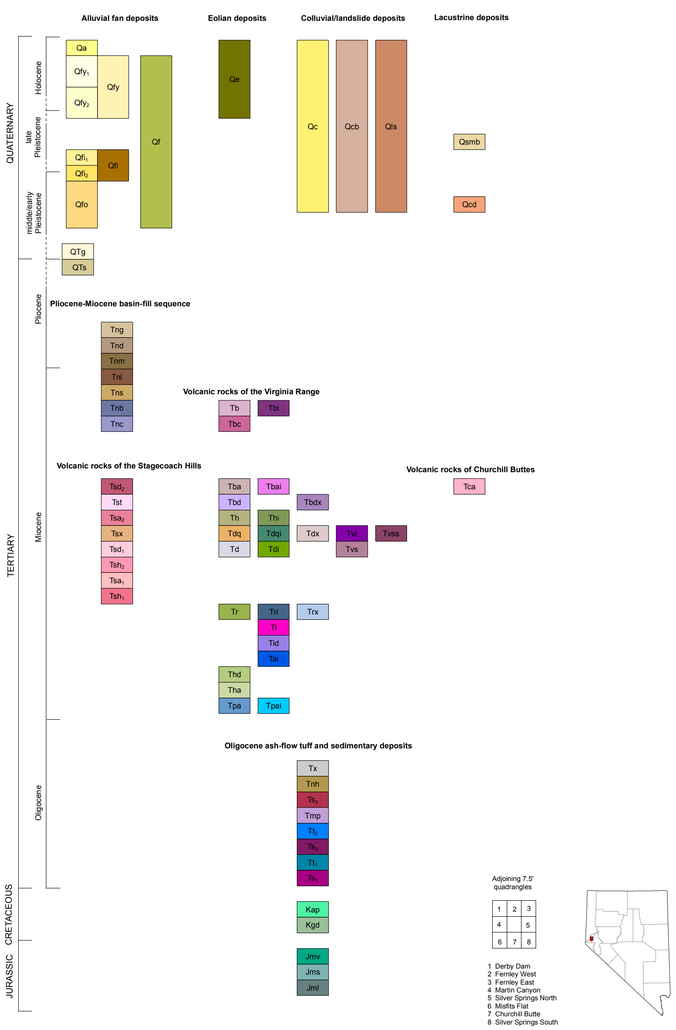
- Qa — Deposits in recently active washes
- Qe — Eolian deposits
- Qc — Colluvial deposits
- Qcb — Colluvial deposits composed of basalt (Tb)
- Qls — Landslide deposits
- Qfy — Young fan deposits
- Qfy_1 — Late to middle Holocene fan deposits
- Qfy_2 — Early Holocene to latest Pleistocene fan deposits
- Qf — Fan deposits (undifferentiated)
- Qsmb — Sehoo beach gravel
- Qfi — Intermediate-age fan deposits
- Qfi_1 — Late Pleistocene fan deposits
- Qfi_2 — Late to middle Pleistocene fan deposits
- Qfo — Old fan deposits
- Qcd — Calcareous deposits
- QTg — Pleistocene and Pliocene gravel
- QTs — Pleistocene and Pliocene sediment
- Tng — Late gravel
- Tnd — Debris-flow deposits
- Tnm — Mesozoic-clast conglomerate
- Tnl — Limestone
- Tns — Sandstone, siltstone, diatomite, and tuff
- Tnb — Basalt lava
- Tnc — Conglomerate
- Tb — Basalt lavas
- Tbi — Basalt dikes
- Tbc — Basalt conglomerate
- Tsd_2 — Upper plagioclase-biotite-hornblende dacite lava
- Tst — Tuff and tuffaceous sediments
- Tsa_2 — Upper plagioclase-hornblende-pyroxene andesite lavas
- Tsx — Andesitic to dacitic breccia and conglomerate
- Tsd_1 — Lower plagioclase-biotite-hornblende dacite lava dome
- Tsh_2 — Upper plagioclase-hornblende andesite lava
- Tsa_1 — Lower plagioclase-hornblende-pyroxene andesite lavas
- Tsh_1 — Lower plagioclase-hornblende andesite lava dome
- Tba — Coarse plagioclase basaltic andesite
- Tbai — Coarse plagioclase basaltic andesite dikes
- Tbd — Plagioclase-biotite dacite lava domes
- Tbdx — Plagioclase-biotite dacite breccia and conglomerate
- Th — Finely porphyritic plagioclase-hornblende andesite lava
- Thi — Finely porphyritic plagioclase-hornblende andesite dikes
- Tdq — Plagioclase-biotite-hornblende-quartz dacite lava domes
- Tdqi — Plagioclase-biotite-hornblende-quartz dacite dikes
- Td — Plagioclase-biotite-hornblende dacite lava domes
- Tdi — Plagioclase-biotite-hornblende dacite dikes
- Tdx — Plagioclase-biotite-hornblende dacite breccia and conglomerate
- Tvt — Ash-flow tuff
- Tvs — Tuffaceous sedimentary deposits
- Tvss — Silicified tuffaceous sedimentary deposits
- Tr — Rhyolite lava domes
- Tri — Rhyolite dikes
- Trx — Rhyolite breccia and conglomerate
- Tid — Coarse biotite dacite intrusions
- Tai — Andesite dikes
- Ti — Miscellaneous dikes
- Thd — Plagioclase-hornblende dacite lavas
- Tha — Plagioclase-hornblende andesite lavas
- Tpa — Plagioclase-pyroxene andesite lavas
- Tpai — Pyroxene andesite dikes
- Tca — Plagioclase-pyroxene andesite lavas
- Tx — Megabreccia
- Tnh — Nine Hill Tuff
- Ts_3 — Upper conglomerate
- Tmp — Mickey Pass Tuff (?)
- Tt_3 — Plagioclase-biotite tuff
- Ts_2 — Middle conglomerate
- Tt_1 — Basal ash-flow tuff
- Ts_1 — Basal conglomerate and sedimentary rocks
- Kap — Aplite and pegmatite dikes
- Kgd — Granodiorite intrusion
- Jmv — Meta-andesite
- Jms — Metasedimentary rocks
- Jml — Limestone and marble



Contact Solid where certain and location accurate, long-dashed where approximate, dotted where concealed.

Internal contact Solid where certain and location accurate; queried if identity or existence uncertain.

Normal fault Solid where certain and location accurate, long-dashed where approximate, dotted where concealed; queried if identity or existence uncertain. Ball on downthrown side.

Mainly strike-slip fault Solid where certain and location accurate, long-dashed where approximate, dotted where concealed; queried if identity or existence uncertain. Arrows show relative motion.

Anticline Long-dashed where approximate.

Monocline Long-dashed where approximate, dotted where concealed; queried if identity or existence uncertain. Arrow shows direction of dip.

Head or main scarp of landslide Long-dashed where inactive, subdued, indistinct and (or) approximate. Hachures point downscarp.

Former shoreline Long-dashed where approximate.

Vein, veinlet, or mineralized stringer Solid where certain and location accurate.

Strike and dip of bedding
Inclined · Vertical · Horizontal

Strike and dip of compact foliation in ash-flow tuff
Inclined · Vertical

Strike and dip of flow banding or flow foliation in volcanic rocks
Inclined · Vertical

Individual blocks within landslide deposits (Qls)

Subsidence areas due to piping

Scale 1:24,000

0 — 0.5 — 1 kilometer

0 — 0.5 — 1 mile

0 — 1000 — 2000 — 3000 — 4000 — 5000 feet

CONTOUR INTERVAL 10 METERS

Base map: U.S. Geological Survey Stockton Flat Well 7.5' Quadrangle, 1985

Projection: Universal Transverse Mercator, Zone 11, North American Datum 1927 (m)

Adjoining 7.5' quadrangles

1	2	3
4		5
6	7	8

1 Derby Dam
2 Fernley West
3 Fernley East
4 Martin Canyon
5 Silver Springs North
6 Misfits Flat
7 Churchill Butte
8 Silver Springs South

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DRAFT
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