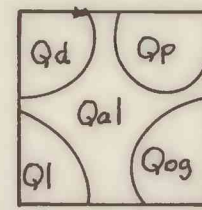


Explanation to accompany Preliminary geologic map of Pershing County, Nevada



Qls

Landslide deposits

Qal: surficial deposits, undivided
Qd: dunes
Qp: playa surfaces
Ql: Lake Lahontan gravels
Qog: unconsolidated older gravels

QTg

Older gravels; dissected,
Semi-consolidated

QTb

Vesicular olivine basalt

Tv

Volcanic rocks,
undivided

Ts

Sedimentary rocks

Tb

Basaltic volcanic
rocks

Ta

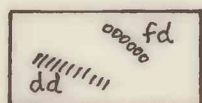
Andesitic volcanic
rocks

Tr

Salic volcanic
rocks, chiefly
rhyolite

Tcg

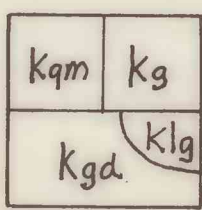
Conglomerate in
West Humboldt
Range



fd: Felsic dikes
md: Mafic dikes

Tqm Trp

Tqm: Quartz monzonite
Trp: Rhyolite porphyry



Kgd: Granodiorite; locally leucogranodiorite, Klg, in Seven Troughs Range
Kqm: Quartz monzonite
Kg: Granite

Jgb

Gabbro; commonly scapolitized
or albitized; locally rich in
magnetite.

Tu

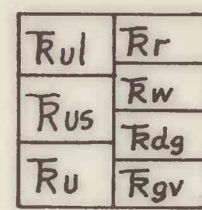
Volcanic and sedimentary
rocks, undivided

Tor

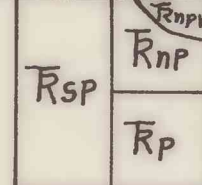
Older rhyolite in Seven Troughs
Range; commonly hydrothermally
altered.

JRu

Slate, phyllite, quartzite,
and limestone, undivided

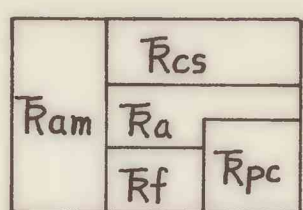


Ru: Undivided; age uncertain
Rul: Chiefly limestone; age uncertain
Rus: slate, hornfels, quartzite; age uncertain
Rr: Raspberry Formation
Rw: Winnemucca Formation
Rdg: Dun Glen Formation
Rgv: Grass Valley Formation
Rsp: Star Peak Group, undivided
Rnp: Natchez Pass Formation
Rp: Prida Formation
Rnpv: Mafic extrusive rocks

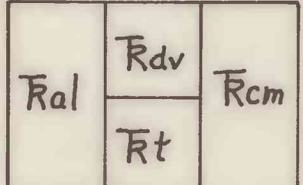


Ro

Osobb Formation



Ram: Rocks of middle August
sequence, undivided
Rcs: Cane Spring Formation
Ra: Augusta Mountain Formation
Rpc: Panther Canyon Formation
Rf: Favret Formation



Ral: Rocks of lower August
sequence, undivided
Rdv: Dixie Valley Formation
Rcm: China Mountain Formation
Rt: Tobin Formation

md

Metadiabase dikes; probably related
to mafic extrusive rocks (Rnpv)

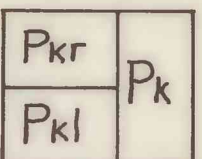
RPlg

RPlg: Leucogranite

Prp: Rhyolite porphyry;
intensely metasomatized

Pmvs

Metamorphosed volcanic
and sedimentary rocks;
age uncertain.



Pk: Koipato Group, undivided
Pkr: Rhyolite
Pkl: Greenstone

Pp

Pumpernickel Formation

PPh

Havallah Formation

Mi

Inskip Formation

Osr

Sonoma Range Formation

Cl

Leach Formation;
chiefly greenstone.
Probably Mississippian
or older.

Ch

Harmony Formation