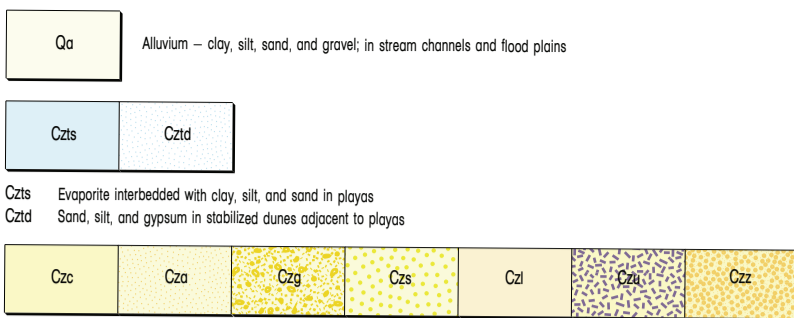


PHANEROZOIC

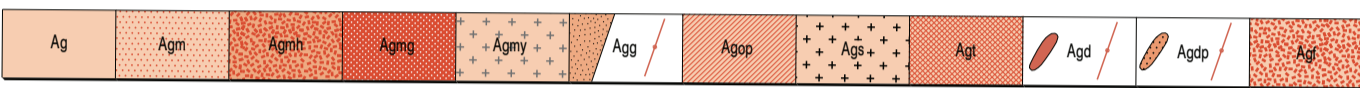
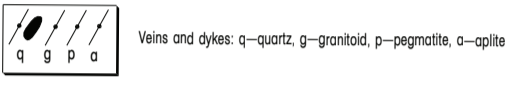
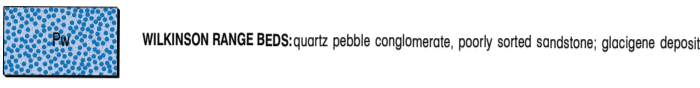
QUATERNARY



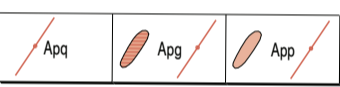
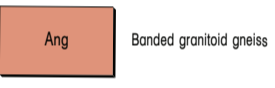
- Czts Evaporite interbedded with clay, silt, and sand in playas
- Cztd Sand, silt, and gypsum in stabilized dunes adjacent to playas
- Czc Colluvium - gravel and sand as sheetwash and talus
- Cza Colluvium - ferruginous clay, silt, and sand as extensive sheetwash fan
- Czg Quartzo-feldspathic sand over granitoid rock
- Czs Sandplain - yellow sand with some pisolitic laterite pebbles; includes stabilized dunes
- Czi Laterite
- Czu Silica cap rock over serpentized peridotite
- Czz Silcrete

PALAEZOIC

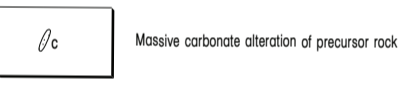
PERMIAN?



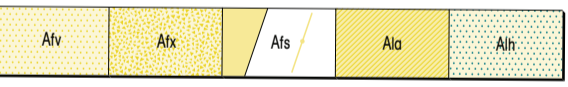
- Ag Granitoid rock, undivided; includes altered and weathered rock
- Agm Monzogranite; with biotite
- Agmh Monzogranite; with hornblende and biotite
- Agmg **GALVALLEY MONZOGRANITE:** with biotite; prominent K-feldspar megacrysts; local foliation defined by aligned K-feldspar and biotite
- Agmy **YARRI MONZOGRANITE:** with biotite; K-feldspar phenocrysts; pervasive regional foliation; with quartz veins; locally folded
- Agg Granodiorite to monzogranite; with biotite or hornblende and biotite; interlayered with leucogranitoid rock; regional foliation
- Agop **PORPHYRY QUARTZ MONZONITE:** with biotite after hornblende and prominent K-feldspar phenocrysts
- Ags Syenite and quartz syenite; numerous mafic schlieren and xenoliths
- Agt Tonaltite to granodiorite; with biotite and numerous mafic enclaves; interlayered with leucogranitoid rock; pervasive regional foliation
- Agd Quartz diorite to quartz monzodiorite; with hornblende, clinopyroxene and amphibole, and/or biotite; small dykes and stocks
- Agdp Monzodiorite, porphyritic; with numerous small plagioclase phenocrysts and abundant K-feldspar megacrysts; locally few quartz phenocrysts; with biotite and hornblende; local diorite where K-feldspar is absent
- Agf Strongly foliated granitoid rock; local gneissic layering; includes amphibolite lenses



- Apq Felsic porphyry with quartz and/or feldspar phenocrysts
- Apg Granitoid and leucogranitoid porphyry, undivided; local strong foliation
- App Plagioclase porphyry; mostly strongly schistose



- As Sedimentary rock, undivided
- Ash Grey slate, siltstone, and fine-grained sericitic schist; well foliated
- Asg Greywacke, quartzo-feldspathic; with pebbly layers and minor siltstone
- Asp Polymictic conglomerate, with subordinate sandstone; faceted pebbles and boulders
- Asf Quartzo-feldspathic, micaceous slate, siltstone, and sandstone; commonly schistose; interlayered with feldspar-phyric schist of felsic volcanic and volcanoclastic derivation; includes chloritic and carbonate-bearing schist
- Asi Greywacke of intermediate volcanoclastic derivation; with amphibole and feldspar
- Ac Chert, locally grey-white banded; includes partly silicified, grey to black slate; locally pyritic or magnetite-bearing
- Aci Banded iron-formation, oxide facies; finely layered quartz-magnetite rock interleaved with chert and siliceous slate; interpreted from aeromagnetic data where dashed



- Afv Felsic volcanic and volcanoclastic rock; variably foliated; with prominent feldspar and/or quartz phenocrysts or clasts; includes fragmental rock and finely layered tuff
- Afx Felsic fragmental volcanic rock
- Afs Quartzo-feldspathic micaceous schist; locally feldspar- and/or quartz-phyric; felsic volcanic, subvolcanic, and/or volcanoclastic derivation
- Ala Quartz-aluminosilicate rock, with andalusite and/or kyanite; within felsic volcanic and volcanoclastic rock
- Alh Quartz-chloritoid-aluminosilicate rock; with andalusite and/or kyanite; local quartz phenocrysts; within felsic volcanic and volcanoclastic rock



- Aiv Intermediate volcanic rock; andesite to andesitic basalt with plagioclase and hornblende phenocrysts; fragmental textures common; variably foliated; chlorite and carbonate alteration common; interlayered with intermediate schist (Ais) and intermediate greywacke (Asi)
- Aip Intermediate volcanic rock, with numerous plagioclase phenocrysts; variably foliated
- Ais Intermediate schist; hornblende-quartz-feldspar schist; irregular hornblende content; locally feldspar-phyric or garnetiferous; interlayered with felsic and mafic schists
- Aisc Intermediate schist, strongly altered and foliated; with feldspar clasts and chlorite aggregates; includes chlorite-carbonate, chlorite-sericite, and epidote-chlorite schists



- Ao Mafic intrusive rock, undivided; dolerite-gabbro
- Aop Dolerite-gabbro, with plagioclase phenocrysts
- Aog Gabbro; with minor pyroxenite and quartz gabbro



- Ab Basalt, undivided; includes hornblende-feldspar and chlorite schist
- Abp Basalt, with medium- to coarse-grained feldspar phenocrysts
- Abd Basalt-dolerite; numerous fine- to medium-grained dolerite-textured layers and lenses within fine-grained basalt
- Abi Basalt and andesitic basalt; amygdaloidal, feldspar-phyric with fragmental textures
- Abc Basalt, strongly carbonated
- Aba Basaltic schist and amphibolite
- Abf Basalt and basaltic schist interlayered with feldspar-phyric felsic schist (Afs), intermediate schist (Ais), and intermediate sedimentary rock (Asi); includes dolerite lenses
- Ama Amphibolite and quartz-feldspar-hornblende schist; pervasively foliated and recrystallized; generally banded; with local clinopyroxene



- Au Ultramafic rock, undivided; includes talc-chlorite schist
- Aup Peridotite, serpentized; with scattered poikilitic pyroxene phenocrysts
- Aux Pyroxenite

ARCHAEOAN

Metamorphosed at greenschist to amphibolite facies