

Colluvial units

- C Colluvium derived from different rock types; includes gravel, sand, and silt
- Cf Colluvium, footslope
- Cg Quartzofeldspathic gravel, sand, and silt, commonly derived from granitic rock and associated weathering products
- Ck Colluvium dominated by reworked calcareous; includes loose nodules and irregular fragments
- Cz Colluvium of silcrete; includes gravel, sand, and silt
- Czi Colluvium dominated by ferruginous silcrete debris

Sheetwash units

- W Clay, silt, and sand in extensive fans; local ferruginous gravel
- Wz Wash of silcrete; includes gravel, sand, and silt

Alluvial units

- A Clay, silt, sand, and gravel in channels and on floodplains
- Aa Clay, silt, sand, and gravel on alluvial plains
- Ae Clay, silt, sand, and gravel in channels
- Ap Clay and silt in claypans
- Au Superficial channel commonly terminating at a sheetwash zone; ephemeral
- Av Clay, silt, sand, and gravel in alluvial fans
- Ak Calcrete and carbonate-cemented alluvium in fluvial channels

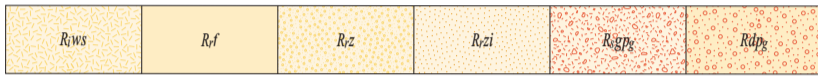
Lacustrine units

- Ld Sand, silt, and gypsum in dunes adjacent to and within playa lakes
- Lg Silt, sand and gravel in halophyte flats adjacent to playa lakes
- Lm Mixed dunes, evaporite, and alluvial deposits; typically adjacent to playa lakes
- Lp Saline and gypsiferous evaporite deposits, clay, silt, and sand in playa lakes



Sandplain units

- S Residual and eolian sand with minor silt and clay; low vegetated dunes locally common
- Sd Sand in stabilized dunes
- Si Longitudinal dunefield
- Sn Net-like dunefield



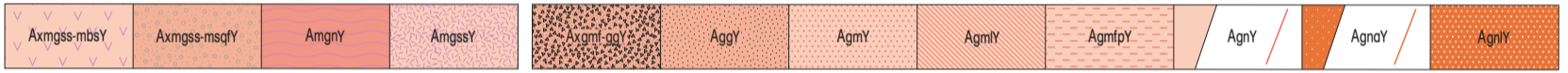
Residual or relict units

- Riws Residual sedimentary rocks; weathered
- Rf Ferruginous duricrust, massive to rubbly; includes iron-cemented reworked products
- Rz Silcrete
- Rzi Ferruginous silcrete
- Rgpg Quartzofeldspathic sand, gravel, and minor silcrete over granite; sparse granite outcrop; includes mottled and leached zones of weathering profile
- Rdp Silcrete and/or kaolinized granitic rock

CPpo-sepg PATERSON FORMATION: conglomerate (including diamictite), sandstone, and siltstone; largely glaciogene

Eod Dolerite dyke, sill or plug; fine- to medium-grained dolerite and gabbro; interpreted from aeromagnetic data where dashed

zq Quartz vein or pod; massive, crystalline, or brecciated; age uncertain
gp Pegmatite dyke or pod



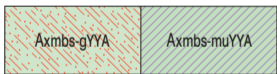
- Axmgs-mbsY Foliated metagranite interleaved with subordinate amphibolite and foliated metamorphic rock; gneissic banding developed locally (section only)
- Axmgs-msqfY Foliated metagranite interleaved with subordinate quartzofeldspathic schist
- AmgnY Granitic gneiss, locally migmatitic; includes local mafic bands and enclaves
- AmgssY Foliated metagranite, locally gneissic; may include amphibolite lenses; includes deeply weathered rock
- Axmfi-ggY Flow-banded monzogranite with granodiorite dykes; metamorphosed
- AggY Granodiorite with minor monzogranite, diorite, and microgranite; metamorphosed
- AgmY Monzogranite; common biotite and rare local hornblende; minor granodiorite and syenogranite; fine- to coarse-grained; equigranular to porphyritic; massive to weakly foliated; metamorphosed
- AgmIY Leucocratic monzogranite, fine- to coarse-grained; weakly to moderately foliated; metamorphosed
- AgmfpY Flow-banded monzogranite with porphyritic feldspar layers; metamorphosed
- AgnY Granitic rocks, undivided; metamorphosed; includes deeply weathered rock
- AgnaY Microgranite; locally schistose; includes deeply weathered rocks; metamorphosed
- AgnIY Leucocratic granite and microgranite; metamorphosed

Atp-xs-c TOBIN FORMATION: Sedimentary and felsic volcanic rocks; local intrusive rocks (section only)

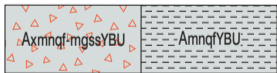


TOPPIN HILL FORMATION

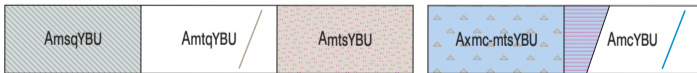
- Atp-mfrs Felsic schist (section only)
- Atp-fd Dacite, rhyodacite, and minor andesite; commonly feldspar-phryic; metamorphosed (section only)
- Atp-fnv Felsic volcanoclastic and volcanic rocks with minor sandstone to siltstone; metamorphosed (subsurface only)
- Atp-fr Rhyolite; metamorphosed (section and subsurface only)



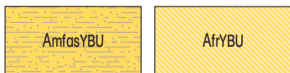
- Axmbs-gYYA Foliated metamorphic rock and local amphibolite interleaved with minor massive to weakly foliated granitic rock (section only)
- Axmbs-muYYA Metamorphic volcanic rock and meta-ultramafic rock, undivided; includes talc-chlorite(-carbonate) and tremolite-chlorite schist



- Axmqf-mgssYBU Quartzofeldspathic gneiss interleaved with foliated metagranite (section only)
- AmnqfYBU Quartzofeldspathic gneiss derived from felsic volcanic and/or sedimentary rock



- AmsqYBU Quartzose schist
- AmtqYBU Medium- to coarse-grained quartzite, banded quartzite, and quartz-rich metasedimentary rock; locally ferruginized
- AmtsYBU Psammitic schist
- Axmc-mtsYBU Metachert and psammitic schist; locally chlorite bearing
- AmcYBU Metachert

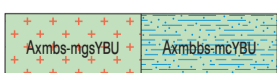


- AmfasYBU Meta-andesite; moderately to strongly foliated
- AfrYBU Rhyolite; metamorphosed



- Axmws-mfsYBU Mafic schist interleaved with schist derived from felsic volcanic and/or volcanoclastic rock
- AmwsYBU Mafic schist

AmosYBU Metagabbro and metadolerite; moderately to strongly deformed



- Axmbs-mgsYBU Fine-grained metamorphic rock intercalated with schistose metagranitic rock; moderately to strongly foliated
- Axmbs-mcYBU Fine-grained metamorphic rock and metachert; includes medium-grained mafic rock, local amphibolite, and minor metamorphosed pyroxene-spinifex textured basalt

AmuYBU Meta-ultramafic rock, undivided; includes talc-chlorite(-carbonate) and tremolite-chlorite schist (section only)