

**Colluvial units**

- C* Colluvium derived from different rock types; includes gravel, sand, and silt
- Cg* Quartzofeldspathic gravel, sand, and silt, commonly derived from granitic rock and associated weathering products
- Ck* Colluvium dominated by calcrete; includes loose nodules and irregular fragments
- Cq* Quartz-vein debris
- Ct* Lithic-rich colluvium
- Cz* Colluvium of silcrete; includes gravel, sand, and silt

**Low-gradient slope units**

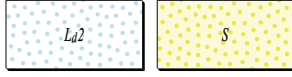
- W* Clay, silt, and sand in extensive fans; local ferruginous gravel
- Wg* Clay, silt, and sand, commonly derived from granitic rock
- Wk* Clay, silt, and sand, with abundant calcrete nodules

**Alluvial units**

- A* Clay, silt, sand, and gravel in channels and on floodplains
- Ap* Clay and silt in claypans
- Ak* Calcrete and carbonate-cemented alluvium in fluvial channels

**Lacustrine units**

- Ld1* Dune and lake deposits; active systems within and adjacent to playa lakes; non-vegetated or poorly vegetated
- Lm* Mixed dune, evaporite, and alluvial deposits, typically adjacent to playa lakes
- Lp* Saline and gypsiferous evaporite deposits, clay, silt, and sand in playa lakes



**Lacustrine unit**

- Ld2* Stabilized dunes within and adjacent to playa lakes; typically vegetated

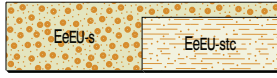
**Sandplain unit**

- S* Residual and eolian sand with minor silt and clay; low, vegetated dunes locally common

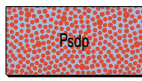


**Residual or relict units**

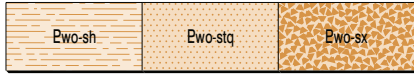
- Rf* Ferruginous duricrust, massive to rubby; includes iron-cemented reworked products
- Rgp* Quartzofeldspathic sand, gravel, and minor silcrete over granite; sparse granite outcrop; includes mottled and leached zones of weathering profile
- Rk* Calcrete
- Rz* Silcrete
- Rzi* Ferruginous silcrete



- EeEU-s* **Eundynie Group:** undivided siliclastic rocks, locally spongilitic, bituminous, calcareous, or bioclastic; generally poorly indurated; locally silicified and ferruginized
- EeEU-stc* Fossiliferous sandstone, massive to weakly bedded with abundant shell fragments



- Psdg* Diamicrite; polymict with boulders of garnet gneiss, granite, schist, and metasedimentary rocks



**WOODLINE FORMATION**

- Ewo-sh* Shale
- Ewo-stq* Quartz sandstone; minor conglomerate
- Ewo-sx* Sedimentary breccia



- Ewbi-o* **BINRINGIE DYKE:** mainly dolerite and gabbro; includes cumulate and granophytic differentiates



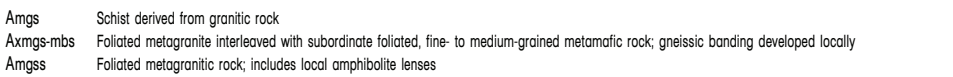
- g* Granitic dyke
- zq* Quartz vein or pod; massive, crystalline, or brecciated



- AER-gc* Quartz monzonite; commonly porphyritic
- AER-gcap* Fine-grained porphyritic quartz monzonite
- AER-gcp* Porphyritic quartz monzonite



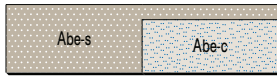
- Amgs* Schist derived from granitic rock
- Axmgs-mbs* Foliated metagranite interleaved with subordinate foliated, fine- to medium-grained metamorphic rock; gneissic banding developed locally
- Amgss* Foliated metagranitic rock; includes local amphibolite lenses



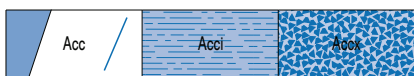
- Ag* Granitic rock, undivided; includes deeply weathered rock
- Agc* Quartz monzonite; commonly porphyritic
- Agca* Fine-grained quartz monzonite
- Agce* Equigranular quartz monzonite; locally porphyritic
- Agcg* Megacrystic quartz monzonite
- Agcp* Porphyritic quartz monzonite
- Agmq* Quartz-rich monzogranite



- Ams* Schist; deeply weathered
- Amsbg* Biotite-garnet schist
- Amscm* Chlorite-muscovite schist



- Abe-s* **MOUNT BELCHES FORMATION:** undivided and commonly deeply weathered; varying proportions of wacke and mudstone, typically biotitic; rare banded iron-formation and pebbly sandstone beds; generally weakly metamorphosed but locally strongly hornfelsed
- Abe-c* Chert; metamorphosed (in section only)



- Amda* Para-amphibolite
- Amts* Schist derived from sandstone
- As* Sedimentary rock, undivided; includes sandstone, siltstone, shale, and chert; metamorphosed; commonly deeply weathered
- Ascp* Conglomerate; polymictic; metamorphosed
- Asgp* Conglomerate with subordinate sandstone; pebbles and boulders include granitic rock, chert, felsic porphyritic rock, and mafic rock; matrix or clast supported, metamorphosed
- Ash* Shale with subordinate chert; minor siltstone and sandstone; variably foliated; commonly silicified; metamorphosed; may include some slate and phyllite
- Asl* Siltstone; metamorphosed
- Ass* Sandstone to siltstone; local conglomerate; metamorphosed
- Ast* Sandstone, locally pebbly; subordinate conglomerate and siltstone; metamorphosed
- Astb* Sandstone derived from mafic rocks; metamorphosed
- Astq* Medium- to coarse-grained, quartz-rich sandstone; metamorphosed; common micaceous intervals; local quartzite
- Acc* Chert and banded chert; locally includes silicified (black) shale, slate, or exhalite; metamorphosed
- Acci* Chert and banded chert; ferruginous; locally includes silicified (black) shale, and slate; metamorphosed
- Accx* Chert breccia, commonly cemented with goethite; metamorphosed



- Amfs* Quartzofeldspathic micaceous schist derived from felsic volcanic or volcanoclastic protolith
- Amfak* Meta-andesite; carbonate-altered
- Af* Felsic volcanic and volcanoclastic rocks; metamorphosed; commonly deeply weathered and kaolinized
- Afa* Andesite, commonly with plagioclase and/or hornblende phenocrysts; metamorphosed
- Afd* Dacite; commonly tuffaceous; locally brecciated; includes minor rhyolite, rhyodacite, and andesite; metamorphosed
- Afrp* Quartz-feldspar porphyritic rock; weak to schistose foliation; metamorphosed
- Afrv* Rhyolitic volcanoclastic rock; metamorphosed (in section only)
- Afrvt* **Bedded rhyolitic volcanoclastic rock with minor felsic volcanic rock; metamorphosed;** c. 2680 Ma from GSWA sample ID 177919 located approximately 6 km NW of Urania



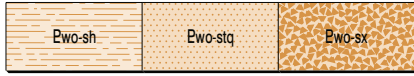
- Aod* Dolerite; minor basalt or gabbro components; metamorphosed
- Aog* Gabbro; minor pyroxenite or quartz gabbro components; metamorphosed



- Amba* Amphibolite, fine to medium grained; commonly weakly foliated or massive
- Ambs* Foliated, fine-grained metamorphic rock; locally hornfelsed or epidotized
- Ab* Fine to very fine grained mafic rock, undivided; metamorphosed; commonly deeply weathered
- Abb* Basalt; locally porphyritic; includes dolerite-textured zones; metamorphosed
- Abbg* Amygdaloidal basalt; metamorphosed
- Abbo* Pillow basalt; metamorphosed
- Abbp* Porphyritic to glomeroporphyritic basalt; fine to coarse plagioclase phenocrysts; local intense epidotization; metamorphosed
- Abbv* Basalt with volcanoclastic textures; metamorphosed
- Abbx* Basaltic fragmental rock; oglomerate, hyaloclastite peperite or breccia; metamorphosed



- Amu* Meta-ultramafic rock, undivided; includes talc-chlorite(-carbonate) and tremolite-chlorite schist
- Amusr* Tremolite(-chlorite-talc-carbonate) schist; locally serpentinized; kamatiitic or pyroxenitic protolith
- Amust* Talc-chlorite(-carbonate) schist; minor tremolite-chlorite schist



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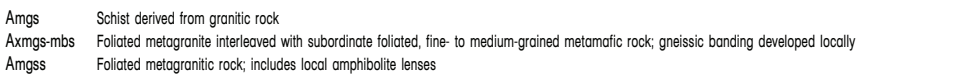
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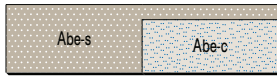
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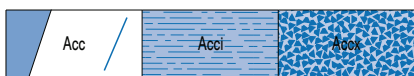
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