



GILMORE PROJECT REGOLITH LANDFORM UNITS

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TRANSPORTED REGOLITH

Alluvial sediments

- AL01** Alluvium - clay, sand and gravel; variable thickness of alluvium (up to at least 60 m). Fluctuates to 2 km wide
- AL02** Alluvium - clay, sand and minor gravel; variable thickness. Narrow channel floodplains and meander channels
- AL03** Alluvium, Tertiary land adjacent to some creeks in south of map area
- AL04** Thick clayey alluvium. Shagreened alluvial plain with gradient generally <math>< 0.2\%</math>
- AL05** Undifferentiated thick alluvium. Collecting low angle alluvial fans with gradient generally 2.0-4% towards trunk drainage lines
- AL06** Alluvium, Undifferentiated alluvial fans; slope 2-20 m/m
- AL07** Gravelly alluvial sands; alluvium in alluvial fans, slope generally 20-30 m/m. High gamma spectrometric response.
- AL08** Alluvium, Alluvial fans, slope 1-10 m/m
- AL09** Partly weakly cemented gravel, sand and clay/silt (detrital magnetite pebbles). Eroded alluvial fans
- AL10** Partly weakly cemented gravel, sand and clay/silt (detrital magnetite pebbles). Crest of meander bar

Colluvial sediments

- CH01** Sheetwash colluvium, Alluvium, buried channel alluvium
- CH02** Sheetwash colluvium, local buried alluvium, local alluvial alluvium (10-30 m/m)
- CH03** Sheetwash colluvium with magnetite lag, Low slope (20-30 m/m) depositional slopes. High thorium spectrometric response
- CH04** Sheetwash colluvium over aprons. Thicker slopes (slope >20m/m), local alluvium range mostly <math>< 20\text{ m}</math>
- CH05** Sheetwash colluvium and medium over aprons, including possible colluvially transported sandstone clay and silt; local aprons, rises with local low hills in corrected aspect and backed drainage basin

Acolian sediments

- AC01** Acolian sediment in benches on east (downwind) side of anomalies, overlying thick undifferentiated alluvial sediments of the Bland paleosol.
- AC02** Quartzite sandstone sand, irregular dunes and sheets. Partly overlies alluvium in Wyalong paleosol, elsewhere overlies aprons
- AC03** Quartzite sand, small bench dunes
- AC04** Paludal (swamp) sediments

Palaeo-sediments

- PS01** Fine palaeo-sediments in ephemeral swamps overlying undifferentiated thick alluvial sediments of the Bland paleosol. Undifferentiated weathered bedrock at depth

IN SITU REGOLITH

- RS01** Residual material
- RS02** Residual and locally transported colluvium over aprons, including eroded plains
- RS03** Residual and locally transported colluvium over aprons. Res. with smooth slopes, local low hills and eroded plains
- RS04** Residual material, including magnetite lag, over granite aprons. Erosional/ribs. Locally includes topographically inverted sediment in the Wyalong paleosol
- RS05** Residual material, including magnetite lag, over granite aprons. Erosional/ribs. High thorium spectrometric response. Locally includes topographically inverted sediment of the Wyalong paleosol

Saprosols

- SA01** Saprosols, medium and possible local colluvium. Erosional plains and low relief rounded residual crests
- SA02** Saprosols, minor residual and colluvium. Eroded crests and rounded crests
- SA03** Saprosols, colluvium, minor alluvium. Low hills with local outcrops of crests; colluvial lower slopes. Dominantly in granite bench in south of map area
- SA04** Saprosols, unweathered bedrock, minor aprons and colluvium. Rocky steep rises
- SA05** Slightly weathered to fresh bedrock. Rocky low hills. Partial thin veneer of colluvium

REDROCK

- RM01** Unweathered bedrock, aprons, minor colluvium and aprons. Rocky hills, mountains, escarpments and steep foothills (>10 m/m)

Anthropogenic RL Tailing dam at Gulgung Mine

- TA01** Anthropogenic RL Tailing dam at Gulgung Mine

- DR** Drainage
- RD** Road
- T** Town
- ASB** ASB Survey boundary

Scale 1:130 000

Universal Transverse Mercator Projection - Zone 55
Horizontal Datum - WGS 84

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