GEOLOGY AND ASSOCIATED LANDFORM

ALLUVIUM

TERTIARY BASALTS

DEVONIAN GRANITOIDS

Granitic Plains and Rises

Granitic Low hills, Hills and Entrenched Valleys

Granitic Mountains

Granitic Plateau and Escarpment

PALAEOZOIC SEDIMENTS

Limestone

Sedimentary Low hills and Hills

Sedimentary Mountains

Sedimentary Plateau and Escarpment

DEVONIAN ACID VOLCANICS (Rhyolitic)

Volcanic Hills

Volcanic Mountains

Volcanic Plateau and Escarpment

QUATERNARY SEDIMENTS (Unconsolidated Sediments - Coarse and Fine Textured)

Quaternary Dunes and Coastal Flats

Quaternary Plains and Rises

TERTIARY SEDIMENTS

Tertiary Plains and Rises

Tertiary Low hills, Hills and Entrenched Valleys

BASE MAP LEGEND

Major Road

Other Road

Major River

Stream

BENDOC 8623
CRAIGIE 8723

100 000 Tile Coverage

KEY TO MAP UNITS

Landform

P Plains
R Rises
L Low hills
H Hills
M Mountain
U Plateau
S Escarpment
E Entrenched valleys
D Dunes
W Swamps
C Coastal flats

Slope

l Level
g Gently undulating
u Undulating
r Rolling
s Steep
v Very steep
p Precipitious
d Dissected remnants

Geology

A Alluvium
B Basaltic
C Colluvium
G Granitic
L Limestone
S Sedimentary
V Volcanics
K Coarse textured Recent sediments
F Fine textured Recent sediments
T Tertiary sediments

Climate
(annual average rainfall)

d Dry (< 700 mm)
m Moderately humid (700 - 1000 mm)
h Humid (1000 - 1200 mm)
v Very humid (> 1200 mm)

Modifier

Alluvium

0 Undifferentiated alluvial units
1 Large alluvial unit associated with the Snowy River.
2 Large alluvial unit associated with the Cann River.

Tertiary Basalts

1 Unit based on basaltic outcrop at Bonang.
2 Unit based on basaltic outcrop at Tubbut.
3 Unit based on basaltic outcrop on Paradise Ridge Road.
4 Unit based on basaltic outcrop near Club Terrace.

Devonian Granitoids

1 Unit based around Howe Hill (Gabo Island granite pluton).
2 Unit based on outcrops of the Maramingo granite pluton and Genoa Peak granite east of Cann River Valley.
3 Unit primarily based on the Drummer granodiorite pluton.
4 Unit primarily based on the Noorinbee granodiorite pluton.
5 Unit primarily based on the Murrungowar granodiorite pluton.
6 Unit based on the Ellery granodiorite pluton in the upper Errinundra valley.
7 Unit primarily based on the Ellery granodiorite pluton on the upper Errinundra Plateau: very humid climatic regime.
8 Unit based on the Ellery granodiorite pluton rocky outcrop: very humid climatic regime.
9 Unit based on the undifferentiated granodiorite, Goongerah area.
10 Unit based on undifferentiated granodiorite (Ordovician-Silurian, Silurian-Devonian); dry to modearately humid climatic regime.

Paleozoic Sediments

1 Unit dominated by Ordovician sediments found east of Genoa.
2 Unit dominated by upper Ordovician sediments west of Genoa and east of the Cann River.
3 Unit based on Devonian sediments (including "red beds") around Wroxham and the Genoa River.
4 Unit based on the Devonian sediments ("red beds") in the Buldah area.
5 Unit dominated by upper Ordovician sediments west of the Cann River and East of the Yalmy fault: moderately humid and humid climatic regimes.
6 Unit dominated by Ordovician sediments north and west of the Yalmy Fault upland/plateau: dry and moderately humid climate regimes.
7 Unit dominated by upper Ordovician and metamorposed sediments on the plateau north of Errinundra: humid and very humid climate regime.
8 Unit generally found on metamorphosed Ordovician sediments north of Murrungowar to Errinundra: humid and very humid climate regime.
9 Unit on upper Ordovician sediments on the Errinundra Plateau: dry and moderately humid climatic regimes.

Devonian Acid Volcanics

1 Unit based on Snowy River volcanics formation, Rodger River area; humid or very humid climatic regime.
2 Unit based on Snowy River volcanics formation especially with massive lithologies, Rodger River area; moderately humid climatic regime.
3 Unit based on Snowy River volcanics formation, Gelantipy plateau area; humid and very humid climatic regime.

Tertiary Sediments

1 Unconsolidated parent material; sub-soils heavier than surface soil with a predominance of Duplex profile forms.
2 Unconsolidated parent material; soil profile dominated by coarse particle size fractions generally exhibiting Uniform coarse soil profile forms.

Examples

LrTm-1 Low rolling hills on Tertiary sediments, a moderately humid climate with a mean annual rainfall of between 700 - 1000 mm and a soil profile predominantly of Duplex form.

PRguKFm-1 Plain and Rise topography, gentle to undulating slope on coarse and fine Recent sediments, a moderately humid climate with a mean annual rainfall of between 700 - 1000 mm.