**Landform**

Mountains and ranges.

**Woody vegetation**

Woodland of silver-leaved ironbark, narrow-leaved ironbark, bloodwood, desert oak, ghost gum with an understorey of rough-barked apple and prickly pine.

* Denotes non-native “Expected Pasture Composition” species.

**Expected pasture composition**

- **Preferred**
  - Desert bluegrass, black speargrass, cotton panic, kangaroo grass, hairy panic, finger panic (umbrella) grass, silky browntop, soft spinifex.

- **Intermediate**
  - Golden beard grass, curly windmill grass, pitted bluegrass, white grass, *Austrochloris dichanthisoides*.

- **Non-preferred**
  - Dark and feathertop wiregrass, erect kerosene grass, barbwire grass, mountain wanderrie, silky oil grass, lovegrasses, bottlewasher grasses, five-minute grass.

**Annual grasses**

Small burr grass.

**Suitable sown pastures**

Oversow with legumes; shrubby, Caribbean and Caatinga stylos.

**Introduced weeds**

**Soil**

Red sandy loam (kandosols).
**Description**

**Surface:** Firm to hard-setting; **Surface texture:** sandy clay loam to clay loam  
**Subsoil texture:** clay loam to light clay.

**Water availability**
Low

**Rooting depth**
0.6 to >1 m.

**Fertility**
Low total nitrogen; very low phosphorus.

**Salinity**
Non-saline

**Sodicity**
Non-sodic

**pH**
Neutral to acid.

**Utilisation**

**Enterprise**
Breeding

**Land use and management recommendations**

**Land use limitations**
- Regrowth  
- Phosphorus deficient.

**Conservation features and related management**
- Important water recharge areas.  
- *Eucalyptus tenuipes* is at its northern limits of distribution on the Junee tableland and other tablelands in the Duaringa environments.  
- Some areas are rich in ‘wildflower species’. Some tablelands have important wetlands e.g. closed depressions, in an otherwise dry landscape.  
- These tablelands should be kept as winter and drought pasture reserves.  
- Stock grazing pressure should be managed through strategic placement of water points located off the tableland areas.  
- Tree retention prevents hardening and leaching of the red soils.

**Regional ecosystems**
11.7.4, 11.5.9b-c.

**Land units; Agricultural management unit; Soil associations**
Land units (Gunn et al 1967; Story et al 1967) Lennox 1 & 2, Tichbourne 2, Monteagle 1, Humboldt 1, Junee 1 & 3, Durandella 1; Soil associations (Burgess 2003) Bills Hut, Red Cliff.