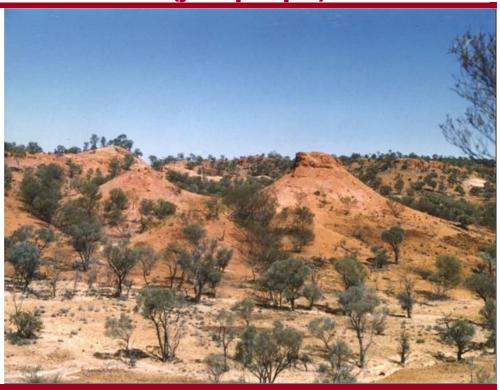
# Dissected residuals (jump-ups)



#### Landform

Actively eroding undulating plateaus, dissected low hills, mesas, buttes and tablelands, and scarps that form ranges and watershed boundaries (slopes 3–10%) with shallow soils and significant stone coverage.

#### **Woody vegetation**

Open eucalypt woodland to low shrubby woodlands of mulga or bendee - dominated communities associated with bastard mulga, lancewood, mountain yapunyah, western bloodwood and other wattles. A variable dense shrubby understorey of silver turkey bush, hopbushes or mint bushes is often found.

# Expected pasture composition

\* Denotes non-native "Expected Pasture Composition" species.

Preferred

Cotton panic, mulga oats, hairy panic, mulga Mitchell.

Intermediate

Dwarf mulga grass, bottlewasher grasses, purple lovegrass, woollybutt wanderrie grass, mountain wanderrie grass, five-minute grass.

Non-preferred

Coarse wiregrasses (e.g. many-headed, Jericho).

Annual grasses

Button grass, pretty wanderrie grass, rare panic. Bunched kerosene (non-preferred).

Common forbs

Daisy burrs, burrs, soft roly poly (western form), green pussytail, silvertail, ruby saltbush, green crumbweed, sidas (e.g. corrugated, flannel, ridge), purple pentatrope, potato bushes.

### Suitable sown pastures

Not suitable for sown pastures.

Introduced weeds

None of significance known to occur.



Soil

Very shallow to shallow (<50 cm) gravely lithosols and red earths.

Description

**Surface:** Loamy hard surfaces with significant stone or rock cover in parts; **Surface texture:** Sandy loam to loams; **Subsoil texture:** no or very limited horizon structure, underlain by weathered rock.

**Features** 

Surface sealing and hard-setting soil, stone with rock outcrops.

Water availability

Very low.

Rooting depth

Shallow to very shallow.

Infiltration

Poor; high runoff zones.

Fertility

Very low phosphorus, low nitrogen and carbon.

Salinity

Very low.

Sodicity

Non-sodic

рН

Variable, predominantly strongly acid to acid.

Utilisation

15%

## **Enterprise**

Adult wethers.

Land use and management recommendations

- Provides runoff to adjoining areas and alluvial plains following rain.
- Some mulga provides limited drought protein reserves.
- Often critical wildlife habitat.

#### Land use limitations

- Limited inherent productivity, further reduced by shrub invasion and/or thickening of various Acacia species, mint bushes, hopbushes, and cassias.
- Inherently infertile with low water holding capacity.
- Maintenance of vegetative cover essential to minimise excessive runoff and erosion of associated lands.

# Conservation features and related management

- These areas provide habitat for fauna of conservation significance (yellow footed rock wallaby); the rare square-tailed kite; a range of birds (white-backed swallow, spinifex pigeon), koalas, striped skinks (*Ctenotus* spp.) and some rare and threatened flora species (*Melaleuca kunzeoides*, *Xerothamnella parviflora*, *Hakea* sp., *Euphorbia sarcostemmoides*).
- Residuals may be heavily impacted by goats which decimate the ground layer.
- Maintenance of vegetative cover is important in minimising excessive runoff and erosion of associated lands.
- Control of feral animals can help prevent the degradation of the ground layer.

## Regional ecosystems

6.7.1, 6.7.2, 6.7.5, 6.7.6, 6.7.7, 6.7.13, 6.7.14, 6.7.15, 6.7.16, 6.7.17.

