Range soils

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Landform	Dissected hilly country.
Woody vegetation	Silver-leaved ironbark, narrow-leaved ironbark and bloodwood woodland with understorey of grevilleas, breadfruit, wattles and quinine.
Expected pasture	*Denotes non-native "Expected Pasture Composition" species.
composition	Pastures often dominated by Aristida and the annual fire grass species.
Preferred	Black speargrass, kangaroo grass, golden beard grass, gulf bluegrass, spinifex, lemon-scented grass, giant speargrass, silky browntop, plume sorghum.
Intermediate	Cotton panic, sandstone panic, wiregrasses.
Non-preferred	
Annual grasses	Fire grass, comet grass, silkytop grass, slender wanderrie grass, Themeda arguens.
Suitable sown pastures	Shrubby stylos.
Introduced weeds	
Soil	Shallow soils.
Description	<i>Surface:</i> Variable gravel cover; sometimes hard-setting; <i>Surface texture:</i> variable, sandy clay; <i>Subsoil texture:</i> limited by underlying bedrock.





Features	Shallow, generally stony and rocky soils.
i catures	Chanow, generally story and rocky solis.

Water availability

Fertility Low

Salinity Non-saline

Low

Non-sodic Sodicity

pН

Variable, slightly acid soils.

Long-term carrying capacity information (A condition)

Based on fully watered area for 1AE = 450 kg animal consuming 8kg DM/day Median annual rainfall 692 - 927 mm LTCC Pasture type Safe annual Median tree Median annual utilisation cover pasture growth pasture growth (%) (ha/AE) (TBA m²/ha) (DM kg/ha) (FPC %) Native species 0 TBA/FPC 920 - 2040 15% 10 - 21 7 TBA 18 FPC

15%

20 – 65

300 - 980

Enterprise	Breeding
Land use and management recommendations	 Suitable for grazing of native pastures. Rotational wet seasons spelling to maintain perennial pasture composition. Manage grazing pressure to ensure at least 50% ground cover at break of season. Strategic burning (late dry hot burn) to manage woody thickening (e.g. breadfruit, wattles).
Land use limitations	Skeletal, shallow and rocky soils limit productivity.
Conservation features and related management	 Subject to degradation from high total grazing pressure and may become vulnerable to weed invasion (e.g. mimosa). Some areas are subject to timber harvesting.
Regional Ecosystems	2.10.2x10a-c, 2.10.2x2, 2.10.2x3a-b, 2.10.2x5a-c, 3.12.21, 7.12.7c-d, 9.11.12, 9.11.15a-b, 9.11.16, 9.11.24c, 9.11.25, 9.12.12, 9.12.14, 9.12.15, 9.12.17, 9.12.2, 9.12.27, 9.12.29, 9.12.33a, 9.12.43a-b, 9.12.4a-c, 9.12.6a-b, 9.12.6e, 9.12.7a-c.
Land system, Local Pasture Unit	Ortona (10), Leichhardt (16), Belmore (17) (Perry <i>et al</i> 1964).



NG08 Range soils



Area of land type in region: 5% Median rainfall (region): 544 – 1297 mm Average rainfall (region): 580 – 1370 mm Area of land type with FPC: 91% Median FPC: 18% Median TBA: 7 m2/ha

