## Range soils

<table>
<thead>
<tr>
<th>Landform</th>
<th>Dissected hilly country.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Woody vegetation</td>
<td>Blue gum, grey box, narrow-leaved ironbark woodland with understorey of cypress pine, wattles and quinine.</td>
</tr>
<tr>
<td>Expected pasture composition</td>
<td>* Denotes non-native “Expected Pasture Composition” species.</td>
</tr>
<tr>
<td>Preferred</td>
<td>Black speargrass, kangaroo grass, giant speargrass, golden beard grass.</td>
</tr>
<tr>
<td>Intermediate</td>
<td>Wiregrasses.</td>
</tr>
<tr>
<td>Non-preferred</td>
<td>Shrubby and Caribbean stylos.</td>
</tr>
<tr>
<td>Annual grasses</td>
<td>Suitable sown pastures</td>
</tr>
<tr>
<td>Introduced weeds</td>
<td>Soil</td>
</tr>
<tr>
<td>Description</td>
<td>Shallow soils.</td>
</tr>
<tr>
<td>Surface:</td>
<td>Variable gravel cover; sometimes hard-setting; Surface texture: variable; Subsoil texture: limited by underlying bedrock.</td>
</tr>
<tr>
<td>Features</td>
<td>Shallow, generally stony and rocky soils.</td>
</tr>
</tbody>
</table>
**Land types of Queensland**

**Wet Tropics Region**

**Version 3.1**

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**Water availability**
- Low

**Fertility**
- Low

**Salinity**
- Non-saline

**Sodicity**
- Non-sodic

**pH**
- Variable, slightly acid soils.

**Utilisation**
- 15%

**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. wattles).

**Land use limitations**
- Skeletal, shallow and rocky soils limit productivity.

**Conservation features and related management**

**Regional ecosystems**
- 7.11.13, 7.11.14a-b, 7.11.14d, 7.11.19a, 7.11.21, 7.11.21a-b, 7.11.26a-f, 7.11.31a-d, 7.11.32a-i, 7.11.33a, 7.11.33c, 7.11.35a, 7.11.35c, 7.11.38a-c, 7.11.39a-c, 7.11.40a-i, 7.11.42a-b, 7.11.44, 7.11.45, 7.11.47, 7.11.49, 7.11.50b, 7.11.51, 7.11.51a-c, 7.11.5a-g, 7.11.6, 7.12.12a-c, 7.12.21a-b, 7.12.21d, 7.12.22a-b, 7.12.22d-e, 7.12.23a-f, 7.12.24a-c, 7.12.25a-b, 7.12.25d, 7.12.26a-e, 7.12.27a-b, 7.12.28a-b, 7.12.29a, 7.12.29c-d, 7.12.30a-b, 7.12.30d, 7.12.33a-b, 7.12.34, 7.12.37a-b, 7.12.37d-f, 7.12.37g-i, 7.12.4, 7.12.51a-b, 7.12.52, 7.12.54a-d, 7.12.54f-g, 7.12.56c, 7.12.57, 7.12.57a, 7.12.57c, 7.12.58, 7.12.59, 7.12.5a-d, 7.12.5f-i, 7.12.60a-c, 7.12.61a-c, 7.12.62a-c, 7.12.65c, 7.12.65e-h, 7.12.65j-k, 7.12.66a-c, 7.12.66e, 9.11.4a, 9.12.20, 9.12.30a, 9.12.31b, 9.8.13.

**Soil associations**
- PLMV, PLHV, SRHV, PLHG, PLHM, PLHS, PLDR, PMG, PHG, PHM, PHS, PSHB, REHG, RHG, SCHG, RHM, YEHM, NCHM, RHS, REHS, SCS, BGHS (Grundy and Bryde 1989).