

Red basalt



| | |
|-------------------------------------|--|
| Landform | Irregular stony plains and low hills. |
| Woody vegetation | Narrow-leaved ironbark woodlands with gum-topped bloodwood, ghost gum, grevilleas. |
| Expected pasture composition | <i>* Denotes non-native "Expected Pasture Composition" species.</i> |
| Preferred | Black speargrass, kangaroo grass, forest bluegrass, Queensland bluegrass, giant speargrass. |
| Intermediate | Silky browntop, lemon-scented grass, gulf bluegrass, pitted bluegrass, plume sorghum, Indian couch*. |
| Non-preferred | Wiregrasses. |
| Annual grasses | Fire grass, comet grass, lovegrasses. |
| Suitable sown pastures | Buffel grass, leucaena, Angleton bluegrass, creeping bluegrass, Caatinga stylo, desmanthus, butterfly pea. |
| Introduced weeds | Rubbervine, lantana, grader grass. |
| Soil | Red brown clay loams (euchrozems, krasnozems). |

| Description | Surface: Usually stony; Surface texture: clay loam; Subsoil texture: clay loam to medium clay. | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|-----------------|--|--|-------------------------------------|--|--|--|--|--------------|--|--|--|-----------------|----------------|-----------|-------------|-----|-----------|--|-----------------|-----------|-----|---------|
| Features | Free draining and high fertility. Rocks throughout profile. | | | | | | | | | | | | | | | | | | | | | | | | | |
| Water availability | Moderate to high. | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fertility | High; high nitrogen (14 mg/kg); high phosphorus (40 mg/kg); high potassium (0.6 cmol /kg). | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salinity | Non-saline | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sodicity | Non-sodic | | | | | | | | | | | | | | | | | | | | | | | | | |
| pH | Neutral to slightly acid (6.8) throughout profile. | | | | | | | | | | | | | | | | | | | | | | | | | |
| Long-term carrying capacity information (A condition) | <table border="1"> <tr> <td colspan="5">Based on fully watered area for 1AE = 450 kg animal consuming 8kg DM/day</td> </tr> <tr> <td colspan="5">Median annual rainfall 716 – 742 mm</td> </tr> <tr> <th>Pasture type</th> <th>Median tree cover (TBA m²/ha) (FPC %)</th> <th>Median annual pasture growth (DM kg/ha)</th> <th>Safe annual utilisation pasture growth (%)</th> <th>LTCC (ha/AE)</th> </tr> <tr> <td>Native species</td> <td>0 TBA/FPC</td> <td>1080 - 1890</td> <td>30%</td> <td>5.2 – 9.0</td> </tr> <tr> <td></td> <td>7 TBA 18 FPC</td> <td>360 - 760</td> <td>30%</td> <td>13 – 27</td> </tr> </table> | Based on fully watered area for 1AE = 450 kg animal consuming 8kg DM/day | | | | | Median annual rainfall 716 – 742 mm | | | | | Pasture type | Median tree cover (TBA m ² /ha) (FPC %) | Median annual pasture growth (DM kg/ha) | Safe annual utilisation pasture growth (%) | LTCC (ha/AE) | Native species | 0 TBA/FPC | 1080 - 1890 | 30% | 5.2 – 9.0 | | 7 TBA 18 FPC | 360 - 760 | 30% | 13 – 27 |
| Based on fully watered area for 1AE = 450 kg animal consuming 8kg DM/day | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Median annual rainfall 716 – 742 mm | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pasture type | Median tree cover (TBA m ² /ha) (FPC %) | Median annual pasture growth (DM kg/ha) | Safe annual utilisation pasture growth (%) | LTCC (ha/AE) | | | | | | | | | | | | | | | | | | | | | | |
| Native species | 0 TBA/FPC | 1080 - 1890 | 30% | 5.2 – 9.0 | | | | | | | | | | | | | | | | | | | | | | |
| | 7 TBA 18 FPC | 360 - 760 | 30% | 13 – 27 | | | | | | | | | | | | | | | | | | | | | | |
| Enterprise | Breeding and growing. | | | | | | | | | | | | | | | | | | | | | | | | | |
| Land use and management recommendations | <ul style="list-style-type: none"> • 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. eucalypts). • Salt and sulphur supplements required in wet season. | | | | | | | | | | | | | | | | | | | | | | | | | |
| Land use limitations | <ul style="list-style-type: none"> • Rocks throughout profile. | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conservation features and related management | <ul style="list-style-type: none"> • Subject to weed infestation by rubbervine (<i>Cryptostegia grandiflora</i>), lantana and grader grass (<i>Themeda quadrivalvis</i>). | | | | | | | | | | | | | | | | | | | | | | | | | |
| Regional Ecosystems | 7.8.7a, 9.8.1a. | | | | | | | | | | | | | | | | | | | | | | | | | |
| Land system, Local Pasture Unit | Boonderoo (60) (Perry <i>et al</i> 1964); LPU 28 (Tothill and Gillies 1992). | | | | | | | | | | | | | | | | | | | | | | | | | |

NG09 Red basalt



Area of land type in region: 0.01%
Median rainfall (region): 544 – 1297 mm
Average rainfall (region): 580 – 1370 mm
Area of land type with FPC: 96%
Median FPC: 18%
Median TBA: 7 m²/ha



Queensland
Government