

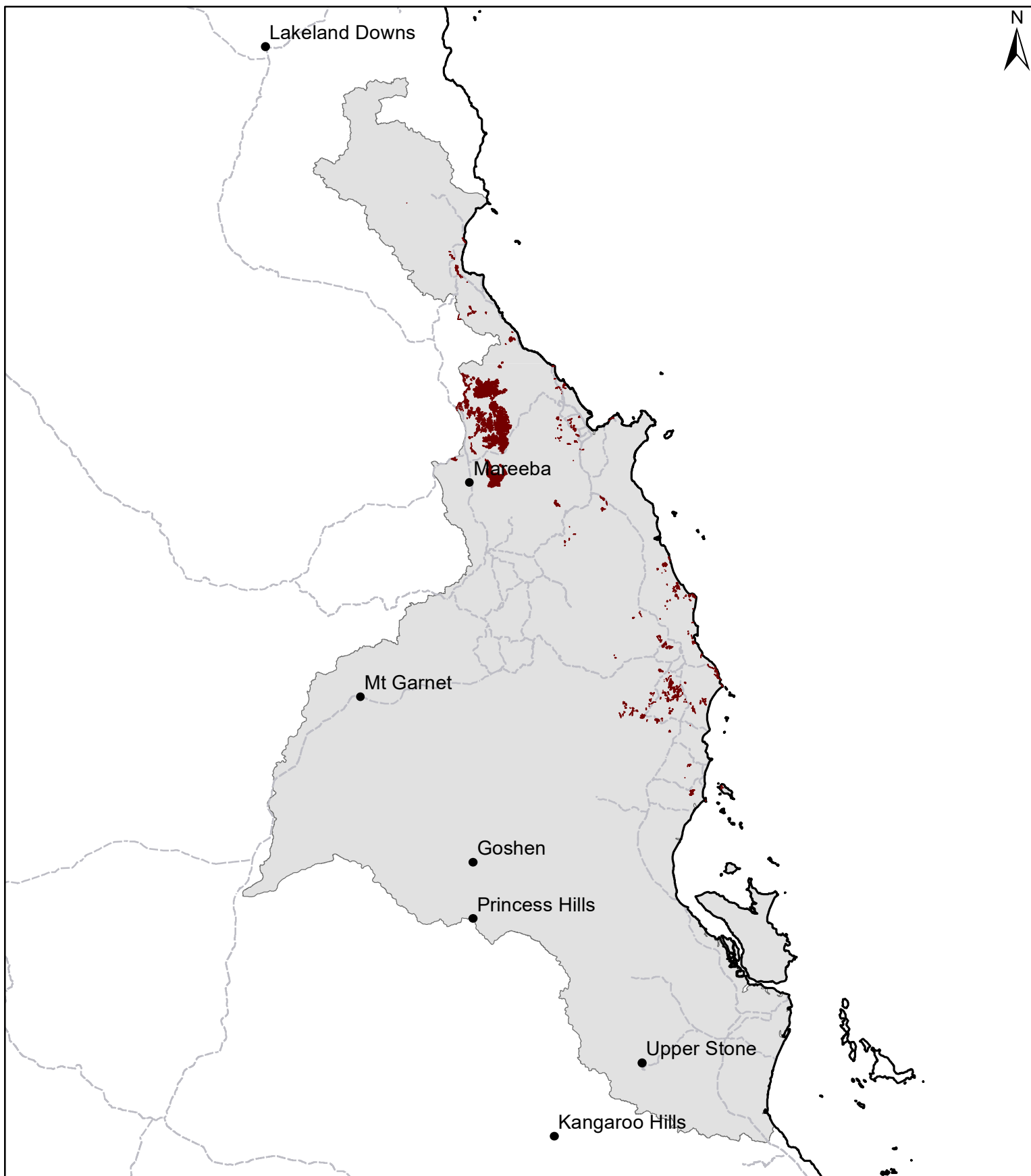
# Sandy red earths



|                              |  |
|------------------------------|--|
| Landform                     | Upper slopes on level to gently undulating plains.   |
| Woody vegetation             | Bloodwood woodland with associated narrow-leaved ironbark and understorey of grevilleas and wattles. |
| Expected pasture composition | * Denotes non-native "Expected Pasture Composition" species.   |
| Preferred                    | Black speargrass, kangaroo grass, golden beard grass, forest bluegrass.                              |
| Intermediate                 | Cotton panic, lovegrasses, northern wanderrie.   |
| Non-preferred                | Wiregrasses.   |
| Annual grasses               | Fire grass, comet grass, fairy grass.  |
| Suitable sown pastures       | Shrubby and Caribbean stylos.  |
| Introduced weeds             |  |
| Soil                         | Free draining, grey to red surface grading to red clay soils.  |
| Description                  | <b>Surface:</b> Loose; <b>Surface texture:</b> sandy loam; <b>Subsoil texture:</b> medium clay.      |
| Features                     | Free draining. Ironstone nodules in subsoils.  |

|   |   |   |  |   |                     |
|---|---|---|--|---|---------------------|
| Water availability                                    | Low   |   |  |   |                     |
| Fertility   | Low. Low nitrogen (1 mg/kg); low phosphorus (2–4 mg/kg); low potassium (0.1 cmol /kg).  |   |  |   |                     |
| Salinity  | Non-saline  |   |  |   |                     |
| Sodicity  | Non-sodic   |   |  |   |                     |
| pH  | Neutral (6.4) at surface; increasing acidity down the profile.  |   |  |   |                     |
| Long-term carrying capacity information (A condition) | Based on fully watered area for 1AE = 450 kg animal consuming 8kg DM/day  |   |  |   |                     |
|   | Median annual rainfall 833 – 1491 mm  |   |  |   |                     |
|   | Pasture type  | Median tree cover<br><br>(TBA m²/ha)<br>(FPC %) | Median annual pasture growth<br><br>(DM kg/ha) | Safe annual utilisation pasture growth<br><br>(%) | LTCC<br><br>(ha/AE) |
|   | Native species  | 0 TBA/FPC                                       | 3980 - 4190                                    | 20%   | 3.5 – 3.7           |
|   | 12 TBA<br>30 FPC  | 1480 - 2110                                     | 20%  | 6.9 – 9.9   |                     |
| Enterprise  | Breeding herds.   |   |  |   |                     |
| Land use and management recommendations               | <ul style="list-style-type: none"><li>• Suitable for grazing of native pastures.</li><li>• Rotational wet seasons spelling to maintain perennial pasture composition.</li><li>• Manage grazing pressure to ensure at least 50% ground cover at break of season.</li><li>• Strategic burning (late dry hot burn) to manage woody thickening (e.g. wattles).</li><li>• Native pastures need to be burnt prior to over-sowing with stylos.</li></ul> |   |  |   |                     |
| Land use limitations                                  | <ul style="list-style-type: none"><li>• Timber thickening limits pasture productivity.</li><li>• Low fertility limits possibilities for sown grasses.</li><li>• Phosphorus supplements are required in wet season.</li></ul>  |   |  |   |                     |
| Conservation features and related management          | <ul style="list-style-type: none"><li>• Significant habitat for arboreal mammals and for animals using hollows.</li></ul>   |   |  |   |                     |
| Regional Ecosystems                                   | 7.11.16a-c, 7.11.18a-h, 9.11.7a-b.  |   |  |   |                     |
| Soil associations                                     | RERT, RERG, REPT, REPR, KPR (Grundy and Bryde 1989).  |   |  |   |                     |

## WT06 Sandy red earths



Area of land type in region: 1%  
Median rainfall (region): 629 – 1491 mm  
Average rainfall (region): 664 – 1647 mm  
Area of land type with FPC: 85%  
Median FPC: 30%  
Median TBA: 12 m<sup>2</sup>/ha



**Queensland**  
Government