

REEFTON SPUR (Res) LAND SYSTEM (Area: 703 km²; 23.7%)

Steep high ridges on sedimentary rocks with yellowish brown and reddish brown gradational soils; open-forest including mountain ash on large areas.

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|--------------------------|--|---|---|--|
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| LAND COMPONENT | 1 | 2 | 3 | 4 |
| Proportion (%) | 3 | 46 | 46 | 5 |
| CLIMATE | Annual precipitation 1200-1400 mm | | | |
| GEOLOGY | Folded siltstones, mudstones, shales and sandstones of Lower Devonian and Silurian age. | | | |
| TOPOGRAPHY | | | | |
| Elevation (m) | Base above 270; summits generally 600-1200 | | | |
| Local Relief (m) | Mostly 300-450 | | | |
| Land Form | Steeply dissected mountainous terrain with long ridges and spurs and deep winding valleys. | | | |
| Position | Drainage lines | Exposed slopes | Sheltered slopes | Spurs and ridge crests |
| Sideslope (%) | Stream grade: 1.5-2.5 | 30-70; ave. 45 | 30-70; ave. 45 | 5-30; ave. 15 |
| Slope Shape | - | Linear | Linear | Convex |
| NATIVE VEGETATION | | | | |
| Structure | Closed-forest | | Closed-forest | |
| Association | Manna gum, candlebark, mountain ash, tree ferns | <p>Lower slopes: Messmate, red stringybark, peppermints.</p> <p>Higher slopes: Messmate, mountain ash, peppermints</p> | <p>Lower slopes: Messmate, mountain ash, candlebark</p> <p>Higher slopes: Shining gum, alpine ash</p> | <p>Lower crests: Messmate, stringybarks, peppermints, silvertop.</p> <p>Higher crests: Alpine ash.</p> |
| SOILS | | | | |
| Group | Deep grey brown and yellowish brown loam | Upper slopes and crests mainly yellowish brown and reddish brown gradational friable soil of greatly variable depth. Lower slopes and footslope colluvial deposits have similar soils but can have yellow brown duplex soil with deep A horizons. | | |
| Northcote Class | Um 7.11, Um 6.1 | Gn 3.1, Gn 3.2, Dy 5.21, Dy 5.41 | | |
| Surf. Texture | Silt loam | Silt loam to very fine sandy loam | | |
| Subsurf. Texture | Silt loam | Silty clay loam to silty clay | | |
| Permeability | High | Moderate | High | Moderate |
| Soil Depth (m) | >1.50 | 0.50-3.00 | | 0.50-1.20 |
| LAND USE | Catchment, logging, recreation. Almost the entire area is forested. | | | |
| HAZARDS | Moderate gullyng. Moderate deposition. | High sheet erosion. | Moderate sheet erosion. | Low sheet erosion. |
| CAPABILITY | | | | |
| Urban Subdivision | IV | IV | IV | IV |
| Rurban Subdivision | D | D | D | D |
| Agriculture | 3 | 4 | 4 | 3 |