

| SILVAN (Sil) LAND SYSTEM (Area: 47 km²; 1.6%) | | | |
|---|--|-------------------------|--|
| Hills on olivine basalt with deep red friable gradational soils; open-forest of messmate-peppermint-stringybark, mostly cleared and cultivated. | | | |
| | | | |
| LAND COMPONENT | 1 | 2 | 3 |
| Proportion (%) | 50 | 35 | 15 |
| CLIMATE | Annual precipitation 900-1400 mm | | |
| GEOLOGY | Tertiary olivine basalt caps, mostly over Silurian mudstones, but locally over Devonian granodiorite or metamorphic rocks | | |
| TOPOGRAPHY | | | |
| Elevation (m) | 170-350 | | |
| Local Relief (m) | 60-100 | | |
| Land Form | Convex hills with deeply incised V-shaped drainage lines | | |
| Position | Steep slopes | Moderately steep slopes | Crests and gentle slopes |
| Sideslope (%) | 30-40 | 15-30 | 2-15 |
| Slope Shape | Convex to linear | Convex | Convex |
| NATIVE VEGETATION | | | |
| Structure | Open-forest | | |
| Association | Messmate, broad-leaved peppermint, red stringybark, candlebark | | |
| SOILS | | | |
| Group | Red friable gradational soil, generally deep and locally truncated by erosion. | | |
| Northcote Class | Gn 3.11 | | |
| Surf. Texture | Silt loam | | |
| Subsurf. Texture | Silty clay loam to silty clay | | |
| Permeability | High, but moderate in deep subsoil | | |
| Soil Depth (m) | >2.00 | | |
| LAND USE | Almost wholly cleared. Much intensive cropping (vegetables, small fruit as well as orchards), nurseries. Local and rural subdivision | | |
| HAZARDS | High sheet erosion; Minor landslip | Moderate sheet erosion | Low sheet erosion; Poor water retention by earthen embankments |
| CAPABILITY | | | |
| Urban Subdivision | III | III | I |
| Rurban Subdivision | | | |
| Agriculture | B | B | A |
| Agriculture | 3 | 2 | 1 |