

Soil landform map unit: LHG2: Low hills on granite, type 2, Shelley / Koetong / Yackandandah

Component: 1

Land element: Moderate rolling slopes



| Soils | General description | ASC | PPF |
|-------|---|-------------------------------|-------------|
| Major | Gritty, red texture contrast soils | Red Chromosol | Dr2.41 |
| Minor | Red gradational and yellow texture contrast soils | Red Dermosol, Brown Chromosol | Gn4.11, Dy3 |

Physical characteristics:

| Horizon | Depth (cm) | Representative profile description Site ID: NELRA 271 (WD42) |
|---------|------------|--|
| A1 | 0-10 | Dark greyish brown (10YR4/2) coarse heavy sandy loam; weak subangular blocky structure; firm consistence when dry; slightly gravelly; pH 6.5; clear transition to: |
| A2 | 10-25 | Brown (10YR5/3) coarse sandy loam; massive; very firm consistence when dry; gravelly; pH 6.5; gradual transition to: |
| B2 | 25-90+ | Yellowish red (5YR4/6) light medium clay, sandy; strong prismatic parting to angular blocky structure; very firm consistence when dry; slightly gravelly; pH 5.8 |



Chemical characteristics:

| Horizon | pH | Salinity (EC) | Internal drainage | Sodicity | Slaking | Dispersion |
|---------|-------------------|---------------|-------------------|-----------|-------------|------------|
| A1 | Moderately acidic | Very low | Well | Non sodic | Non slaking | Very low |
| A2 | Moderately acidic | Very low | Moderately well | Non sodic | Slaking | Low |
| B2 | Moderately acidic | Very low | Moderate | Non sodic | Slaking | Low |