

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

Component: 2

Land element: Gentle terrain



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

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: NELRA 265
A1	0-10	Brown (7.5YR5/2) clay loam, sandy; weak subangular blocky structure; firm consistence when slightly moist; pH 5.5; clear transition to:
B1	10-30	Reddish brown (5YR4/3) light clay; massive; firm, consistence when slightly moist; pH 5.0; gradual transition to:
B21	30-90	Dark red (10R3/6) heavy clay loam; moderate subangular blocky structure; firm consistence when moist; slightly gravelly; pH 6.0; diffuse transition to:
B22	90-120	Dark red (2.5YR3/6) heavy clay loam; weak subangular blocky structure; firm consistence when moist; moderately gravelly; pH 5.5; diffuse transition to:
B/C	120-150+	Light brownish grey (10YR6/2) heavy clay loam; weak subangular blocky structure; firm consistence when moist; very gravelly; mottled; pH 6.5



Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Strongly acidic	Very low	Well	Non sodic	Non slaking	Very low
B1	5.0	Very low	Moderately well	Non sodic	Slaking	Low
B21	Moderately acidic	Very low	Well	Non sodic	Slaking	Low
B22	Moderately acidic	Very low	Well	Non sodic	Slaking	Low