

**Soil landform map unit:** HSs3; Hills on Ordovician schist, type 3, Upper Murray Valley

**Component:** 2

**Land element:** Moderate slopes



Soils	General description	ASC	PPF
Major	Dark brown and reddish brown duplex soils	Red Chromosol	Dr2.12
Minor	Dark brown and reddish brown gradational soils	Red Dermosol	Gn3.12

**Physical characteristics:**

Horizon	Depth (cm)	Representative profile description Site ID: NELRA 231 (UM31)
A11	0-5	Dark brown (7.5YR3/2) organic sandy clay loam; moderate fine sized subangular blocky structure; rough ped fabric; weak consistence when moderately moist; common medium sized coarse gravels; pH 5.5; clear transition to:
A12	5-20	Dark reddish brown (5YR3/2) sandy clay loam; moderate subangular blocky structure; ped sizes 5-10 mm; rough fabric; weak consistence when moderately moist; common medium sized coarse gravels; pH 5.5; gradual transition to:
B2	20-50	Reddish brown (2.5YR4/4) light clay; strong angular blocky structure; ped sizes 5-10 mm; smooth fabric; weak consistence when moderately moist; many fine to coarse sized fragments; pH 6.0; diffuse transition to:
B3	50-80+	Dusky red (10R3/4) light clay; pH 7.0



**Chemical characteristics:**

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A11	Moderately acid	Non saline	N/A	Non sodic	N/A	N/A
A12	Moderately acid	Non saline	N/A	Non sodic	N/A	N/A
B2	Moderately acid	Non saline	N/A	Non sodic	N/A	N/A