

Soil landform map unit: MSs1; Mountains on Ordovician schist, type1, Upper Murray Valley / Tawonga

Component: 3

Land element: Moderate mid to lower slopes



Soils	General description	ASC	PPF
Major	Red clay loam to light clay texture contrast soils	Red Chromosols	Dr2.32
Minor	Red clay loam to light clay gradational soils	Red Dermosols	Gn3.18

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: NELRA 202 (UM2)
A11	0-15	Brown (10YR5/3) loam, fine sandy; strong subangular blocky structure; ped sizes 5-10 mm; rough fabric; firm consistence when dry; pH 6.0; clear transition to:
A12	15-25	Light yellowish greyish brown (2.5Y6/3) fine sandy clay loam; moderate subangular blocky structure; ped sizes 2-5 mm; rough fabric; weak consistence; very few cobble sized rounded schistose fragments; pH 5.5; abrupt transition to:
B21	25-115	Yellowish red (5YR4/6) light clay; moderate angular blocky structure; smooth fabric; weak consistence; few fine to medium sized angular platy schistose fragments; few fine sized distinct pale brown mottles; pH 6.5; diffuse transition to:
B22	115-150+	Yellowish red (5YR4/6) silty clay loam; weak subangular blocky structure; ped sizes 50-100 mm; rough fabric; very weak consistence; common medium to coarse sized angular platy schistose fragments; many coarse sized distinct brown mottles; pH 7.0



Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A11	Strongly acid	Very low	Well	Very low	Slaking	Nil
A12	Strongly acid	Very low	Well	Very low	Slaking	Low
B21	Moderately acid	Very low	Moderately	Very low	Slaking	Nil
B22	Moderately acid	Very low	Moderately	Very low	Slaking	Nil