

Soil landform map unit: LHSy4: Low hills on Ordovician sediments, type 4, Northern Footslopes

Component: 3

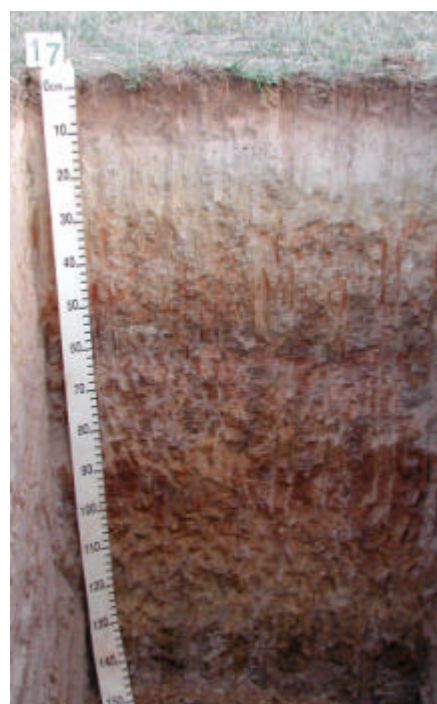
Land element: Gentle slopes and flats



Soils	General description	ASC	PPF
Major	Bleached and mottled grey/red gradational soil	Bleached Grey Dermosol	Gn4.64

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: NELRA 263 (W17)
A1	0-10	Dark greyish brown (10YR4/2) loam, fine sandy; weak subangular blocky structure; rough faced ped size 2-50 mm; weak consistence when dry; pH 6.0; clear transition to:
A2	10-30	Light grey (10YR7/2) conspicuously bleached, fine sandy clay loam; massive structure; earthy fabric; weak consistence when dry; very few fine subrounded quartz cobbles; pH 5.5; gradual transition to:
B2	30-50	Light reddish brown (5YR6/3) light clay; moderate subangular blocky structure; (5-50 mm); rough fabric; weak consistence when moist; distinct dusky red coarse mottles are common; pH 5.5; clear transition to:
D1	50-100	Brown (10YR5/3) medium clay; weak prismatic structure; (10-50 mm;) smooth ped fabric; weak consistence when moist; fine to medium size subrounded and subangular metamorphic pebbles are common; many distinct reddish brown coarse mottles are common; pH 5.8; clear transition to:
D2	100-140+	Brown (10YR4/3) light clay; massive structure; earthy fabric; weak consistence when moist; fine to medium size subrounded and subangular metamorphic pebbles are common; many medium size distinct reddish brown coarse mottles; pH 6.2



Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Strongly acid	Very low	Well	Non sodic	Non slaking	Very low
A2	Strongly acid	Very low	Moderately	Non sodic	Slaking	Moderate
B2	Moderately acid	Very low	Imperfectly - poorly	Strongly sodic	Slaking	High
D1	Moderately acid	N/A	N/A	N/A	N/A	N/A
D2	Moderately acid	N/A	N/A	N/A	N/A	N/A