

Soil landform map unit: FLP1; Floodplain, type 1, Murray River

Component: 2

Land element: Flat; away from river



Soils	General description	ASC	PPF
Major	Grey and brown gradational soils, grey and brown texture contrast soils	Grey Kandosol	Uf4.2
Minor	Brown loams and gradational soils, generally friable	Brown Dermosol	Um5.52

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: NELRA 260
A1	0-25	Dark brown (10YR4/3) light clay, silty; strong prismatic parting to subangular blocky structure; rough ped fabric; weak consistence when slightly moist; pH 6.0; sharp transition to:
A2	25-50	Greyish brown (2.5Y5/2) silty clay; massive; earthy fabric; firm consistence when slightly moist; pH 6.0; diffuse transition to:
B21	50-95	Light brownish grey (2.5Y6/3) light clay, fine sandy; weak prismatic structure; firm consistence when slightly moist; common brownish yellow mottles; pH 7.5; diffuse transition to:
B22	95-140+	Light brownish grey (2.5Y6/3) light clay, fine sandy; weak prismatic structure; firm consistence when slightly moist; many brown and grey mottles; pH 8.2



Chemical characteristics:

Horizon	pH	Salinity	Internal drainage	Sodicity	Slaking	Dispersion
A1	Moderately acid	Very low	Moderate	Non sodic	Non slaking	Very low
A2	Moderately acid	Very low	Imperfect	Non sodic	Slaking	Low
B21	Neutral	Very low	Moderately well	Non sodic	Slaking	Low
B22	Moderately alkaline	Very low	Moderately well	Non sodic	Slaking	Moderate