

Soil landform map unit: FLP3; Floodplain, type 3, upper river valleys

Component: 3

Land element: Terrace flat



Soils	General description	ASC	PPF
Major	Brown/yellow texture contrast or gradational soils, often mottled	Brown Chromosol, Brown Dermosol	Dy3.42/Gn3.02

Physical characteristics:

Horizon	Depth (cm)	Representative profile description
NELRA 261 (W21)		
A1	0-5	Dark greyish brown (10YR4/2); light sandy loam; weak subangular blocky structure; pH 5.5; clear transition to:
A2	5-30	Light brownish grey (10YR 6/2), many mottles, orange; sporadic bleach; light sandy clay loam; moderate prismatic structure; weak consistence when moist; pH 6.5; clear/gradual transition to:
B21	30-45	Light olive brown (2.5YR5/4); few mottles, orange, grey, light medium clay, sandy; strong prismatic parting to angular blocky structure; very firm s consistence when slightly moist; pH 6.5; gradual transition to:
B22	45-100	Yellowish brown (10YR5/4), common mottles, orange, grey; medium clay, sandy; strong prismatic parting to angular blocky structure; strong consistence slightly moist; pH 7.0; gradual transition to:
B3/1B2	100-180+	Greyish brown (2.5YR5/2), many mottles, orange; medium clay, silty; weak prismatic; strong consistence when dry; few manganese flecks; pH 7.0



Chemical characteristics:

Horizon	pH	Salinity	Internal drainage	Sodicity	Slaking	Dispersion
A1	Moderately acidic	Very low	Well	Non sodic	Non slaking	Very low
A2	Moderately acidic	Very low	Imperfect	Non sodic	Slaking	Low
B21	Moderately acidic	Very low	Imperfect	Non sodic	Slaking	Moderate
B22	Neutral	Low	Poor	Moderately sodic	Slaking	Moderate
B3/1B2	Neutral	Low	Very poor	Moderately sodic	Slaking	Moderate