

Soil landform map unit: ALP5; Alluvial plain, type 5,etc

Component: 2

Land element: Plain



Soils	General description	ASC	PPF
Major	Greyish brown bleached texture contrast soil	Grey Chromosol	Dy3.42
Minor	Greyish yellow bleached gradational soil	Grey Dermosol, and Grey Kandosol	Gn4.52, Gn2.95

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: NELRA 257
A1	0-7	Greyish brown (10YR5/2) heavy fine sandy loam; moderately hydrophobic; massive; earthy fabric; weak slightly moist consistence; pH 5.9; sharp transition to:
A2	7-25	Greyish brown (10YR5/2) bleached (10YR7/2) heavy fine sandy loam; massive; earthy fabric; weak slightly moist consistence; few ferromanganiferous nodules; pH 6.5; gradual wavy transition to:
B21	25-45	Pale brown (10YR6/3) light clay; massive; earthy fabric; weak moist consistence; few ferromanganiferous nodules; many orange, yellow mottles; pH 5.5; diffuse wavy transitions to:
B22	45-80	Light brownish grey (10YR6/2) light clay; many orange, yellow mottles strong subangular blocky structure; rough ped fabric; weak moist consistence; few ferromanganiferous nodules; pH 6.5; diffuse wavy transition:
B23	80-120	Light brownish grey (10YR6/2) many orange, yellow mottles ; medium heavy clay; weak subangular blocky structure; rough ped fabric; weak moist consistence; pH 7.0; diffuse wavy transition:
B24	120-140+	Light brownish grey (10YR6/2) many orange, red mottles; medium clay; strong angular blocky structure; smooth ped fabric; weak moist consistence; very few calcareous soft segregations; pH 8.5

