

Soil landform map unit: ALP3; Alluvial plain, type 3, broad river valleys **Component:** 3

Land element: Drainage areas and depressions



Soils	General description	ASC	PPF
Major	Grey structureless soil	Grey Kandosol	Gn2.81

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: NELRA51 (Co7)
A1	0-40	Very dark grey (10YR3/1) sandy clay loam; weak subangular blocky structure; ped size 5-10 mm; rough fabric; weak consistence; pH 5.5; gradual wavy transition to:
B2	40-90	Greyish brown (2.5Y5/2) sandy clay; weak platy structure; ped size 10-20 mm; rough fabric; weak consistence; distinct medium size yellowish brown mottles are common; pH 6.6; gradual transition to:
C	90-120	Grey (2.5Y6/1) sand; apedal single grained structure; distinct medium size dark yellowish brown mottles are common; pH 6.6



Chemical characteristics

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Strongly acid	Very low	Moderately well drained	Non sodic	Water stable	Nil
B21	Slightly acid	Very low	Imperfectly drained	Non sodic	Complete	Nil
C	Slightly acid	Very low	Imperfectly drained	Non sodic	Marginal	Marginal