

Soil landform map unit: CLGn; Colluvium derived from metamorphic gneiss

Component: 1

Land element: Upper slopes



Soils	General description	ASC	PPF
Major	Red gradational and red texture contrast	Red Kandosol and Red Chromosol	Gn2.12, Dr2.41
Minor	Red and yellow texture contrast soils	Red Chromosol	Dr2.21, Dy2.41

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: NELRA 270 (W24)
A1	0-10	Brown (10YR5/3) sandy clay loam; weak subangular structure; pH 5.5 clear transition to:
A2/B1	10-25	Brown (7.5YR 5/4) sandy clay; weak massive; weak consistence when dry; pH 5.0; clear transition to:
B21	25-70	Reddish brown (2.5YR4/4) sandy clay; weak subangular blocky structure; weak consistence when moist ; pH 6.0; diffuse transition to:
B22	70-120	Reddish brown (2.5YR4/4) sandy clay; massive; weak consistence when moist; pH 7.0; diffuse transition to:
B23	120-155+	Reddish brown (5YR4/4), many mottles (10YR6/3); sandy clay; moderate subangular blocky structure; weak consistence when moist ; pH 7.0



Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Strongly acidic	Low	Well	Non sodic	Non slaking	Very low
A2/B1	Strongly acidic	Very low	Moderately well	Moderately sodic	Slaking	Low
B21	Moderately acidic	Very low	Moderately well	Non sodic	Slaking	Low
B22	Neutral acidic	Very low	Moderately well	Non sodic	Slaking	Low
B23	Neutral acidic	N/A	Imperfect	N/A	N/A	N/A