

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

Component: 2

Land element: Lower slopes



Soils	General description	ASC	PPF
Major	Red gradational soils	Red Dermosol	Gn4.11
Minor	Reddish texture contrast soils	Red Chromosol	Um6.13, Dr2.41

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: NELRA 265
A1	0-10	Very dark brown (7.5YR2.5/2) coarse loamy sand; weak subangular blocky structure; rough ped fabric; firm consistence when moderately moist; very few fine quartz gravels; pH 5.5 clear transition to:
B1	10-30	Reddish brown (5YR4/3), light clay; massive, earthy fabric; firm consistence when moderately moist; very few fine quartz gravels; pH 5.0 gradual transition to:
B21	30-90	Dark red (10R3/6) heavy clay loam; moderate subangular blocky structure; rough ped fabric; firm consistence when moist; few fine to coarse quartz gravels; pH 6.0; distinct transition to:
B22	90-120	Dark red (2.5YR3/6) heavy clay loam; weak subangular blocky structure; rough ped fabric; firm consistence when moist; moderately gravelly; pH 5.5; clear transition to:
BC	120-150+	Light brownish grey (10YR6/2) heavy clay loam; weak subangular structure; smooth ped fabric; firm consistence when moist; abundant fine to coarse cobbles; many orange and yellow mottles; pH 6.5



Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Strongly acidic	Low	Well	Non sodic	Non slaking	Nil
B1	Strongly acidic	Very low	Moderate	Non sodic	Slaking	Nil
B21	Strongly acidic	Very low	Moderate	Non sodic	Slaking	Nil
B22	Moderately acidic	Very low	Moderate	Non sodic	Slaking	Nil