

Soil landform map unit: CLSy1; Colluvial footslopes and valleys derived from Ordovician sediments

Component: 1

Land element: Moderate hill slopes



Soils	General description	ASC	PPF
Major	Weakly bleached reddish brown gradational soils	Red Dermosol	Gn4.14
Minor	Reddish brown gradational soils	Red Dermosol	Gn4.10

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: O&K 531 (SCA 1984)
A1	0-5	Dark yellowish brown (10YR3/4) sandy clay loam; weak subangular blocky structure; rough ped fabric; very weak consistence; slightly gravelly; pH 5.5; abrupt transition to:
A2	5-15	Brown (7.5YR4/4) sandy clay loam; weak subangular blocky structure; rough ped fabric; very weak consistence; slightly gravelly; pH 5.3; clear transition to:
B1	15-25	Yellowish red (5YR3/6) light clay; weak subangular blocky structure; rough ped fabric; very strong consistence; slightly gravelly; pH 5.1; gradual transition to:
B21	25-120	Dark red (2.5YR3/8) clay loam; moderate subangular blocky structure; rough ped fabric; very firm consistence; slightly gravelly; pH 4.8; clear transition to:
B22	120-160+	Dark red (2.5YR3/8) clay loam; strong subangular blocky structure; rough ped fabric; very firm consistence; gravelly and stony; pH 4.8



Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Strongly acid	Very low	N/A	Non sodic	N/A	N/A
A2	Strongly acid	Very low	N/A	Non sodic	N/A	N/A
B21	Strongly acid	Very low	N/A	Non sodic	N/A	N/A
B22	Strongly acid	Very low	N/A	Non sodic	N/A	N/A