

Soil landform map unit: CLSy2; Colluvial, Ordovician sedimentary, type 2

Component: 1

Land element: Mid slopes



Soils	General description	ASC	PPF
Major	Red, structured gradational soil	Red Dermosol	Gn4.11/4
Minor	Red, weakly structured gradational soil, occasionally brown	Red Kandosol	Gn2.11/4

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: Kiewa 343
A1	0-10	Dark brown (7.5YR3/2) organic silty loam; weak subangular blocky structure; firm consistence when dry; slightly gravelly; pH 5.3; clear transition to:
A2/B1	10-20	Dark reddish brown (5YR3/4) silty loam; moderate subangular blocky structure; very firm dry consistence; slightly gravelly; pH 5.2; gradual transition to:
B21	20-60	Dark red (2.5YR3/6) clay loam; moderate subangular blocky structure; strong consistence when dry; slightly gravelly; pH 5.3; gradual transition to:
B22	60-120+	Dark red (2.5YR3/6) light clay; weak/moderate subangular blocky structure; very firm consistence when dry; slightly gravelly; pH 4.9

Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Strongly acidic	Very low	N/A	Very low	N/A	Very low
A2/B1	Strongly acidic	Very low	N/A	Very low	N/A	Low
B21	Strongly acidic	Very low	N/A	Very low	N/A	Low
B22	Strongly acidic	Very low	N/A	Very low	N/A	Low