

Soil landform map unit: HSs1; Hills on metamorphic schist, type 1, Kiewa Valley

Component: 2

Land element: Moderate mid slopes



Soils	General description	ASC	PPF
Major	Red gradational soils, hard setting,	Red Dermosol	Gn4.11/4
Minor	Shallow stony loam	Acidic Paralithic Leptic Rudosol	Uc1.43

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: Kiewa 354
A1	0-10	Dark brown (10YR3/3) organic fine sandy loam; moderate subangular blocky structure; weak consistence when dry; gravelly; pH 5.2; clear transition to:
A2	10-20	Dark brown (7.5YR 3/4) clay loam; moderate subangular blocky structure; weak consistence when dry; pH 4.9; gradual transition to:
B1	20-50	Yellowish red (5YR 3/6) light clay; moderate subangular blocky structure; consistence when moderate moist; pH 5.2; gradual transition to:
B2	50-100+	Dark red (2.5YR3/6) light clay; moderate subangular blocky structure; moderate moist consistence; pH 5.6



Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Strongly acidic	Very low	Rapid	Very low	N/A	Very low
A2	Strongly acidic	Very low	Rapid	Very low	N/A	Low
B2	Strongly acidic	Very low	Well	Very low	N/A	Low