

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

**Component:** 1

**Land element:** Upper slopes and crests



Soils	General description	ASC	PPF
Major	Red gradational soils, hard setting, unstructured, gravelly	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 345
A1	0-5	Dark brown (10YR3/3); organic fine sandy loam; massive; firm consistence when dry; gravelly; pH 4.7; clear transition to:
A2	5-20	Dark reddish brown (7.5YR 4/4); fine sandy loam; massive; firm consistence when dry; moderately gravelly; pH 5.0; gradual change to:
C	20-45+	Weathered phyllites with soil in cracks



**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
C	Strongly acidic	Very low	Well	Very low	N/A	Low