

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

**Component:** 3

**Land element:** Valley flat



Soils	General description	ASC	PPF
Major	Red and yellowish brown texture contrast soils	Red Kurosol	Dr2.21
Minor	Red and yellowish brown texture contrast soils, yellowish brown gradational soils	Red Dermosol, Brown Dermosol, Yellow Sodosol	Gn2.64, Gn2.74, Dy2.21

**Physical characteristics:**

Horizon	Depth (cm)	Representative profile description Site ID: O&K 521
A1	0-9	Dark brown (7.5YR3/2) fine sandy loam; massive earthy; very firm consistence; clear transition to:
A2	9-30	Brown (7.5YR5/3) fine sandy loam; massive earthy; very firm consistence; abrupt transition to:
AB	30-40	Strong brown (7.5YR4/6) fine sandy clay loam; weak blocky structure; strong consistence; abrupt transition to:
B2	40-75	Yellowish red (5YR4/8) clay; strong subangular blocky structure; strong consistence; gradual transition to:
B3	75-130+	Yellowish red (5YR4/8) fine sandy clay loam; moderate subangular blocky structure; strong consistence



**Chemical characteristics:**

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Moderately acidic	Very low	N/A	Non sodic	N/A	N/A
A2	Strongly acidic	Very low	N/A	Non sodic	N/A	N/A
AB	Strongly acidic	Very low	N/A	Non sodic	N/A	N/A
B2	Strongly acidic	Very low	N/A	Non sodic	N/A	N/A
B3	Strongly acidic	Very low	N/A	Non sodic	N/A	N/A