

**Soil landform map unit:** ALP1; Alluvial plain with prior stream channels, associated with the Ovens River

**Component:** 2

**Land element:** Plain



Soils	General description	ASC	PPF
Major	Brown texture contrast soils	Brown Sodosol	Dy3.23
Minor	Brown texture contrast soils with bleached A2 horizons	Brown Sodosol	Dy3.43

**Physical characteristics:**

Horizon	Depth (cm)	Representative profile description Site ID: NELRA 253
A1	0-10	Dark greyish brown (10YR4/2) fine sandy clay loam; weak prismatic structure; rough fabric; weak consistence; pH 6.0; abrupt transition to:
A2	2-10	Light brownish grey (10YR6/2) light medium clay; weak prismatic structure; rough fabric; weak consistence; pH 6.5; clear transition to:
B21	10-50	Yellowish brown (10YR5/4) medium heavy clay; strong lenticular structure; smooth fabric; firm consistence; pH 7.0; clear transition to:
B22	50-90	Yellowish brown (10YR5/4) heavy clay; moderate prismatic structure; rough fabric; very firm consistence; pH 8.5; gradual transition to:
B23	90-170+	Yellowish brown (10YR5/4) medium heavy clay; moderate angular blocky structure; smooth fabric; very weak consistence; pH 8.5



**Chemical characteristics:**

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Moderately acid	Very low	Imperfectly drained	Sodic	Slaking	Moderate
A2	Moderately acid	Very low	Imperfectly drained	Sodic	Slaking	High
B21	Nuetral	Very low	Poorly drained	Sodic	Slaking	High
B22	Strongly alkaline	Low	Very poorly drained	Sodic	Slaking	Very high
B23	Strongly alkaline	Moderate	Very poorly drained	Sodic	Slaking	High