

**Soil landform map unit:** ALP2; Older alluvial plain associated with the Ovens River

**Component:** 2

**Land element:** Drainage depression or swamp



Soils	General description	ASC	PPF
Major	Black or grey cracking clay soils	Black Vertosols	Ug5.11

**Physical characteristics:**

Horizon	Depth (cm)	Representative profile description Site ID: NELRA 3
A1	0-10	Dark greyish brown (10YR3/2) light clay; moderate structure; firm consistence; high repellance; pH 6.5; clear transition to:
B2	10-100	Very dark grey (10YR3/1) medium clay; strong structure; firm moist consistence; pH 7.0; abrupt transition to:
D1	100-120	Grey (7.5YR6/1) silty clay loam; weak structure; very firm dry consistence; pH 8.5; clear transition to:
D2	120-130	Grey (10YR6/1) fine sandy clay loam; weak structure; very firm dry consistence; pH 8.0



**Chemical characteristics:**

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Moderately acid	Very low	N/A	N/A	Non slaking	Very low
B2	Moderately acid	Very low	N/A	N/A	Slaking	High
D1	Moderately alkaline	Very low	N/A	N/A	Slaking	Very high
D2	Moderately alkaline	Very low	N/A	N/A	Slaking	High