

**Soil landform map unit:** LHSy2; Low hills on Permian sediments, type 2

**Component:** 2

**Land element:** Moderate hill slopes



Soils	General description	ASC	PPF
Major	Red texture contrast soil	Red Chromosol	Dr2.11
Minor	Red gradational soils and yellow texture contrast soils	Red Dermosol, Brown Chromosol	Gn4.51, Dy3.22

**Physical characteristics:**

Horizon	Depth (cm)	Representative profile description Site ID: NELRA 255
A11	0-10	Dark brown (7.5YR3/3) loam; few stones; moderate subangular blocky structure; rough ped fabric; weak consistence; pH 6.0; clear transition to:
A12	10-25	Reddish brown (5YR4/4) light sandy clay loam; weak subangular block structure; rough ped fabric; weak consistence; slightly stony; pH 6.0; clear transition to:
B2	25-70	Yellowish red (5YR4/6) light medium clay; moderate subangular blocky structure; rough ped fabric; very firm consistence; slightly stony; pH 6.0



**Chemical characteristics:**

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Moderately acid	Very low	Well drained	Sodic	Non slaking	Very low
A2	Moderately acid	Very low	Well drained	Sodic	Slaking	Low
B2	Moderately acid	Very low	Moderately well drained	Non sodic	Slaking	Low