

Soil landform map unit: LHSy3; Low hills on Carboniferous sediments, type 3

Component: 1

Land element: Broad hill crest



Soils	General description	ASC	PPF
Major	Red texture contrast soils	Red Chromosol	Dr2.21
Minor	Red gradational soils	Red Dermosol	Gn2.11

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: NELRA 38
A1	0-5	Dark greyish brown (10YR4/2) silty loam, weak subangular blocky structure; rough ped fabric; very weak consistence; pH 7.0; clear transition to:
A2	5-20	Dark greyish brown (7.5YR5/4) silty loam; massive; earthy fabric; very weak consistence; pH 7.0; clear transition to:
B21	20-90	Yellowish red (5YR5/6) medium clay; moderate subangular blocky structure; smooth ped fabric; strong consistence; pH 7.0; gradual transition to:
B22	90-170	Yellowish red (5YR5/6) medium clay; moderate subangular blocky structure; smooth ped fabric; weak consistence; common gravel; pH 6.0; clear transition to:
C	170-180+	Light clay and weathered parent material



Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Neutral	Very low	Moderately well drained	N/A	No	Very low
A2	Neutral	Very low	Moderately well drained	N/A	Yes	Low
B21	Neutral	Very low	Moderately well drained	N/A	Yes	Low
B22	Moderately acid	Very low	Moderately well drained	N/A	Yes	Low