

Soil landform map unit:

ALP5; Alluvial plain, type 5,
Barnawartha North

Component: 1

Land element:

Levee, near plain



Soils	General description	ASC	PPF
Major	Sandy red texture contrast soil	Red Chromosol	Dr2.22
Minor	Sandy red gradational soil	Red Kandosol	Gn2.11

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: NELRA259
A1	0-5	Greyish brown (10YR5/2) fine sandy loam; weak platy structure; rough fabric; weak dry consistence; pH 6.0; clear transition to:
A2	5-30	Strong brown (10YR5/6) loamy sand; massive structure; earthy fabric; firm dry consistence; very few coarse fragments; pH 6.5; abrupt transition to:
B21	30-55	Yellowish red (5YR5/6) light clay with coarse sand; weak lenticular and prismatic structure rough fabric; firm moderately moist consistence; few subrounded quartz and metamorphic fragments; pH 5.0; gradual transition to:
B22	55-85	Yellowish red (5YR5/6) light clay with coarse sand; weak lenticular and prismatic structure; rough fabric; weak moist consistence; few subrounded quartz and metamorphic fragments; pH 5.0; gradual transition to:
B23	85-120	Dark reddish brown (2.5YR3/4) light medium clay; strong prismatic structure; smooth fabric; weak moist consistence; many distinct brown and yellowish brown medium size mottles; few fine soft manganiferous segregations; pH 6.5; gradual transition to:
B24	120-140	Dark reddish brown (2.5YR3/4) fine sandy clay; moderate prismatic and angular blocky structure; weak moist consistence; many distinct brown and light yellowish brown medium size mottles; very few fine soft manganiferous segregations; pH 6.8

