

Soil landform map unit: HGn; Hills on Gneiss, Tallangatta / Leneva / Bethanga

Component: 3

Land element: Gentle footslopes



Soils	General description	ASC	PPF
Major	Red and brown texture contrast soils	Red Chromosol	Dr2.22

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: NELRA113 (Wo41)
A11	0-10	Brown (10YR4/3) loam, fine sandy; weak crumb structure; firm consistence when dry; very few fine subangular coarse fragments; pH 6.0; clear transition to:
A12	10-40	Reddish brown (5YR4/4) fine sandy clay loam; weak structure; firm consistence when dry; very few fine subangular coarse fragments; pH 6.0; abrupt transition to:
B21	40-65	Red (2.5YR4/6) medium clay, silty; strong structure; strong consistence when dry; very few fine to medium sized quartz fragments; pH 6.5; gradual transition to:
B22	65-120	Yellowish red (5YR5/8) medium clay, silty; moderate structure; strong consistence when dry; few fine to medium sized quartz fragments; pH 7.0; gradual transition to:
B23	120-150	Yellowish red (5YR5/6) medium heavy clay; strong structure; strong consistence when dry; few fine to medium sized quartz fragments; common medium sized distinct brown mottles; pH 7.0; gradual transition to:
B3	150-180+	Strong brown (7.5YR5/6) light medium clay, sandy; weak structure; strong consistence when dry; common fine to medium sized quartz fragments; common medium sized faint brown mottles; pH 7.0



Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A11	Strongly acid	Very low	Well	N/A	Non slaking	Nil
A12	Moderately acid	Very low	Well	N/A	Slaking	Nil
B21	Mildly acid	Very low	Moderately	N/A	Slaking	Nil
B22	Mildly acid	Very low	Imperfectly	N/A	Slaking	Nil
B23	Mildly acid	Very low	Imperfectly	N/A	Slaking	Nil
B3	Mildly acid	Very low	Moderately	N/A	Slaking	Nil