

Soil landform map unit: PMB; Plateaux associated with mountains <1220 m, Tertiary basalt

Component: 1

Land element: Hillcrest and moderate hillslopes



Soils	General description	ASC	PPF
Major	Red gradational soils	Acidic, Eutrophic, Red Ferrosol; medium, slightly gravelly, clay loamy, clayey, deep	Gn4.11
Minor	Weakly bleached reddish brown gradational soils	Red Ferrosol	Gn4.16, Gn4.2

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: O&K 513
A1	0-12	Very dark greyish brown (10YR3/2) silty loam; moderate subangular blocky structure; firm consistence; pH 5.3; gradual transition to:
B1	12-30	Dark reddish brown (7.5YR3/4) clay; moderate subangular blocky structure; strong consistence; pH 5.0; gradual transition to:
B21	30-70	Dark reddish brown (5YR3/4) clay; moderate subangular blocky structure; rough fabric; strong consistence; pH 4.5; gradual transition to:
B22	70-120	Brown (2.5YR3/6) clay; strong subangular blocky structure; strong consistence; pH 4.4; gradual transition to:
B3	120-140+	Yellowish red (5YR4/8) clay; strong subangular blocky structure; rough fabric; firm consistence; pH 4.4



Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Strongly acid	Very low	Well drained	Non sodic	N/A	N/A
B1	Strongly acid	Very low	Well drained	Non sodic	N/A	N/A
B21	Strongly acid	Very low	Moderately well drained	Non sodic	N/A	N/A
B22	Strongly acid	Very low	Moderately well drained	Non sodic	N/A	N/A