

Soil landform map unit: PHB; Plateaux on basalt hills

Component: 2

Land element: Hillslopes and undulating plains on colluvium



Soils	General description	ASC	PPF
Major	Friable, red gradational soil	Haplic, Eutrophic, Red Ferrosol	Gn4.11
Minor	Friable, red texture contrast soil	Red Chromosol	Dr2.12

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: EG 112
A1	0-20	Dark brown (7.5YR3/2); organic silty loam; weak polyhedral structure; pH 6.0; clear transition to:
B1	20-50	Dark reddish brown (5YR 3/3); light clay; strong polyhedral structure; weak consistence when moist; gravelly; pH 6.0; gradual transition to:
B2	50-120 +	Dark reddish brown (5YR3/4); medium clay; strong polyhedral structure; firm consistence when moist; slightly gravelly; pH 5.8



Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Moderately acidic	Very low	Well	Non sodic	Non slaking	Very low
B1	Moderately acidic	Very low	Well	Non sodic	Slaking	Low
B2	Moderately acidic	Very low	Well	Non sodic	Slaking	Low