

Soil landform map unit: HB; Hills, basaltic

Component: 2

Land element: Moderate to gentle hillslopes and footslopes



| 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 |