

Soil landform map unit: LHG1: Low hills on granite, type 1,
Benambra North / Limestone Road

Component: 1

Land element: Undulating upper and mid slopes



Soils	General description	ASC	PPF
Major	Brown/yellow texture contrast soil	Brown Chromosol	Dy3.22
Minor	Grey earth	Grey Kandosol	Gn2.95

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: EG 117
A1	0-15	Black (2.5Y2.5/1) organic sandy loam; moderate polyhedral structure; very weak consistence when slightly moist; pH 6.0; clear transition to:
A2	15-35	Brown (7.5YR5/3) coarse light sandy clay loam; weak polyhedral structure; firm consistence when dry; pH 7.0; clear transition to:
B2	35-80	Yellowish brown (10YR5/4) medium heavy clay, gritty; moderate prismatic structure; slightly gravelly; very weak consistence when slightly moist; many grey and reddish brown mottles; pH 6.0; clear transition to:
B3	80-100+	Strong brown (10YR5/4) coarse sandy clay, gritty; weak columnar/prismatic structure; common clay skins; slightly gravelly; many red and white mottles; pH 7.5



Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Moderately acidic	Very low	Well	Non sodic	Non slaking	Very low
A2	Neutral	Low	Imperfect	Non sodic	Slaking	Low
B2	Moderately acidic	Low	Poor	Non sodic	Slaking	Moderate
B3	Slightly alkaline	Moderate	Poor	Sodic	Slaking	High