

Soil landform map unit: HG1; Hills on Devonian granite, type 1, Springhurst/Byawatha/Warby Ranges

Component: 3

Land element: Footslopes



Soils	General description	ASC	PPF
Major	Yellow texture contrast soils with bleached A2 horizons	Bleached-Manganic, Brown Chromosol, moderate, loamy, clayey	Dy3.41
Minor	Red texture contrast soils often with bleached A2 horizons	Red Chromosol	Dr2.21

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: NELRA 78
A11	0-15	Dark greyish brown (10YR4/2) loam; weak subangular blocky structure; sandy fabric; weak consistence; slightly gravelly; few ferro-manganiferous and manganiferous nodules; pH 5.5; gradual transition to:
A12	15-30	Greyish brown (10YR5/3) sandy loam; massive, earthy fabric; firm consistence; slightly gravelly; common ferro-manganiferous and manganiferous nodules; pH 6.5; gradual transition to:
A2	30-55	Light yellowish brown (10YR6/4), conspicuously bleached (10YR8/2) sandy loam; massive, earthy fabric; firm consistence; gravelly; common yellow mottles; pH 6.5; clear transition to:
B2	55-70+	Light brownish grey (10YR6/2), light medium clay; weak subangular blocky structure; very firm consistence; gravelly; common yellow and brown mottles; pH 6.0



Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A11	Strongly acid	Very low	Rapidly drained	N/A	Non slaking	Very low
A12	Strongly acid	Very low	Well drained	N/A	Slaking	Low
A2	Moderately acid	Very low	Imperfectly drained	N/A	Slaking	Low
B2	Moderately acid	Very low	Poorly drained	N/A	Slaking	High