

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

**Component:** 2

**Land element:** Steep to moderate slopes



Soils	General description	ASC	PPF
Major	Red texture contrast soils with bleached A2 horizons	Red Chromosol	Dr2.81
Minor	Shallow coarse sandy soils	Bleached-Leptic Tenosol	Uc1.21

**Physical characteristics:**

Horizon	Depth (cm)	Representative profile description Site ID: NELRA 248
A1	0-10	Very dark grayish brown (10YR3/2) coarse sandy loam; weak prismatic/subangular blocky structure; sandy fabric; loose consistence; fine gravel; pH 6.0; abrupt transition to:
A21	10-35	Brown (10YR5/3) conspicuously bleached (7.5YR7/4) loamy sand; massive; earthy fabric; very weak consistence; fine gravel; pH 5.0; diffuse transition to:
A22	35-55	Light brown (7.5YR6/4), conspicuously bleached (7.5YR7/4) clayey sand; massive; earthy fabric; very weak consistence; fine gravel; pH 6.5; clear transition to:
A3	55-75	Brown (7.5YR5/4) clayey sand; weak prismatic structure; rough fabric; firm consistence; fine gravel; pH 6.0; clear transition to:
B2	75-120	Reddish brown (5YR4/4) sandy clay loam; moderate prismatic structure; smooth fabric; very firm consistence; fine gravel; pH 6.0; clear transition to:
B3/C	120-155+	Reddish brown (5YR4/5) coarse sand; weak prismatic structure; rough fabric; firm consistence; fine gravel; pH 6.0



Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Moderately acid	Very low	Rapidly drained	Non sodic	Non slaking	Very low
A21	Strongly acid	Very low	Rapidly drained	Non sodic	Non slaking	Very low
A22	Moderately acid	Very low	Rapidly drained	Non sodic	Non slaking	Very low
A3	Moderately acid	Very low	Rapidly drained	Non sodic	Non slaking	Very low
B2	Moderately acid	Very low	Imperfectly drained	Non sodic	Non slaking	Very low