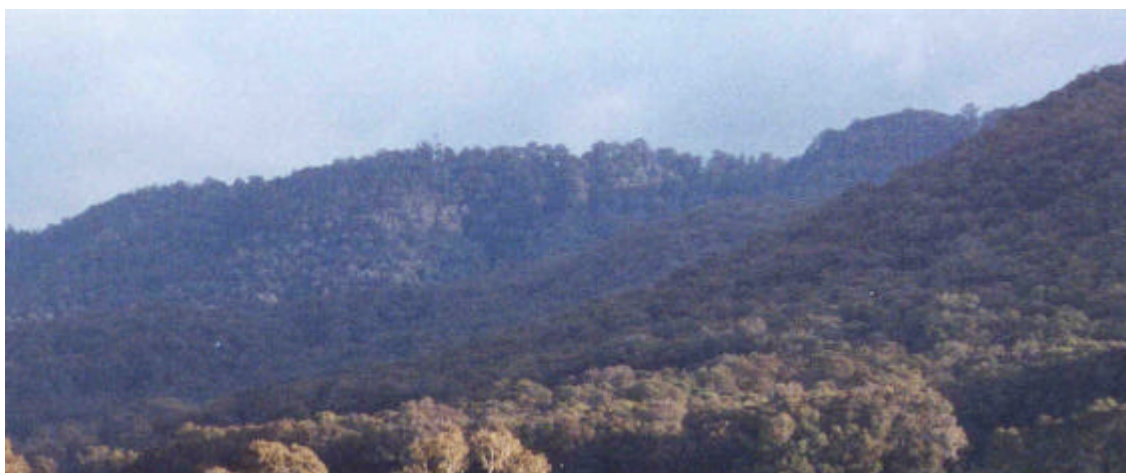


Soil landform map unit: MV2; Mountains on rhyolite and rhyodacite, type 2, King Valley

Component: 2

Land element: Steep hill slopes



Soils	General description	ASC	PPF
Major	Weakly bleached reddish brown gradational soils on exposed slopes	Acidic, Mesotrophic, Red Dermosol; moderate, clay loamy, clayey, deep	Gn4.14
Minor	Friable brown gradational soils on sheltered slopes or stony loam soils	Red Dermosol, Leptic Tenosol	Gn4.10, Uc 1.2

Physical characteristics:

Horizon	Depth (Cm)	Representative profile description Site ID: O&K 527
A1	0-15	Dark yellowish brown (10YR3/4) clay loam, coarse sandy; strong granular structure; rough ped fabric; very weak consistence; slightly gravelly; pH 5.8; clear transition to:
A2	15-25	Dark brown (7.5YR3/4) clay loam, coarse sandy; strong subangular blocky structure; rough ped fabric; very weak consistence; slightly gravelly; pH 5.9; gradual transition to:
A/B	25-40	Yellowish red (6YR3/6) clay loam, coarse sandy; strong subangular blocky structure; rough ped fabric; firm consistence; slightly gravelly; pH 5.5; gradual transition to:
B21	40-80	Yellowish red (5YR3/6) clay, coarse sandy; moderate subangular blocky structure; rough ped fabric; very firm consistence; slightly gravelly; pH 4.7; gradual transition to:
B22	80-140	Yellowish red (5YR4/6) clay, coarse sandy; weak to moderate prismatic and subangular blocky structure; rough ped fabric; strong consistence; gravelly; pH 4.7; gradual transition to:
C	140-170+	Weathered rock



Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Strongly acid	Very low	Rapidly drained	Non sodic	N/A	N/A
A2	Strongly acid	Very low	Well drained	Non sodic	N/A	N/A
A/B	Strongly acid	Very low	Well drained	Non sodic	N/A	N/A
B21	Strongly acid	Very low	Moderately well drained	Non sodic	N/A	N/A
B22	Strongly acid	Very low	Moderately well drained	Non sodic	N/A	N/A