

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

Component: 3

Land element: Moderate hill slopes



Soils	General description	ASC	PPF
Major	Weakly bleached reddish brown gradational soils	Acidic, Mesotrophic, Red Dermosol; moderate, slightly gravelly, loamy, clayey, moderate	Gn4.14
Minor	Reddish brown gradational soils and red texture contrast soils	Red Dermosol, Red Kurosol	Gn4.10, Dr2.41

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: O&K 528
A1	0-8	Dark brown (7.5YR3/2) loam; weak subangular blocky structure; rough ped fabric; very weak consistence; slightly gravelly; pH5.0; clear or abrupt transition to:
A2	8-22	Reddish brown (5YR4/4) clay loam; weak subangular blocky structure; rough ped fabric; very weak consistence; slightly gravelly; pH5.0; clear transition to:
B21	22-40	Yellowish red (5YR4/6) light clay; weak subangular blocky structure; rough ped fabric; firm consistence; slightly gravelly; pH 5.1; clear t ransition to:
B22	40-60	Yellowish red (5YR3/8) clay loam; strong subangular blocky structure; rough ped fabric; very firm consistence; slightly gravelly; pH4.9; abrupt transition to:
C	60-80+	Weathered rock



Chemical characteristics:

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