

Soil landform map unit: ALF2; Alluvial fan, type 2, 15 Mile Creek

Component: 1

Land element: Plain



Soils	General description	ASC	PPF
Major	Yellow and brown texture contrast soils with bleached A2 horizons	Grey Sodosol	Dy3.42

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: NELRA 28
A1	0-10	Very dark greyish brown (10YR3/2) fine sandy loam; massive; weak dry consistence; pH 5.8; clear wavy transition to:
A2	10-35	Pinkish grey (7.5YR7/2) when moist, bleached white (10YR8/1) when dry, sandy loam, fine; massive; weak dry consistence; few fine subrounded quartz fragments; few yellow mottles; pH 6.0; clear wavy transition to:
A3	35-60	Light grey (2.5Y7/2) when moist, bleached pale yellow (2.5Y8/2) when dry, sandy clay loam; weak structure; very firm dry consistence; few fine subrounded quartz fragments; common brownish yellow mottles; pH 6.2; gradual wavy transition to:
B2	60-85	Light yellowish brown (2.5Y6/3) light medium clay; massive; strong dry consistence; abundant subrounded quartz fragments; many brownish yellow mottles; pH 7.0; gradual wavy transition to:
D1	85-100	Light brownish grey (10YR6/2) medium clay; massive; strong dry consistence; common subrounded quartz fragments; many brown mottles; pH 7.2; clear wavy transition to:
D2	100-110+	Medium clay; pH 7.5



Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Strongly acid	Very low	N/A	N/A	Non slaking	Very low
A2	Moderately acid	Very low	N/A	N/A	Slaking	High
A3	Neutral	Very low	N/A	N/A	Slaking	High
B2	Neutral	Very low	N/A	N/A	Slaking	High
D1	Neutral	Very low	N/A	N/A	Slaking	High