

Soil landform map unit: FLP2; Floodplain, type 2, Owens River **Component:** 4

Land element: Channel bench



Soils	General description	ASC	PPF
Major	Moderate to strongly structured red uniform soils	Stratic Rudosol	Uc1
Minor	Moderate to strongly structured red texture contrast soils	Stratic Rudosol	Um1, Dr

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: Owens & Buffalo 10
A11	0-20	Dark yellowish brown (10YR4/5) fine sandy loam; weak granular structure; pH 6.0; abrupt transition to:
A12	20-45	Dark yellowish brown (10YR4/5) fine sandy loam; pH 6.0; clear transition to:
2A11	45-90	Brown (7.5RY4/4) fine sandy loam; pH 6.0; gradual transition to:
2A12	90-165	Brown (7.5YR4/4) fine sandy loam; pH 6.5; gradual transition to:
2A13	165-195	Brown (7.5YR4/4) fine sandy loam; pH 8.0; diffuse transition to:
3A	195-210	Dark yellowish brown (10YR4/5) fine sandy loam; pH 8.0

Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A11	Moderately acid	Very low	Rapid	Non sodic	N/A	N/A
A12	Moderately acid	Very low	Rapid	Non sodic	N/A	N/A
2A13	Alkaline	Very low	Rapid	Non sodic	N/A	N/A