

Soil landform map unit: ALP6; Alluvial plain, type 6, narrow upper river valleys

Component: 2

Land element: Alluvial plain and flats



| Soils | General description | ASC | PPF |
|-------|---|----------------|---------|
| Major | Dark brown to black uniform loams and light clay loam soils | Black Dermosol | Um 6.31 |

Physical characteristics:

| Horizon | Depth (cm) | Representative profile descriptions Site ID: Tallang Valley 32 |
|---------|------------|---|
| A11 | 0-10 | Very dark brown (10YR2/2) loam (fine sandy); moderate medium polyhedral to strong fine polyhedral structure; weak consistence dry; pH 5.0; clear transition to: |
| A12 | 10-40 | Very dark brown (10YR2/2) loam (fine sandy); moderate medium polyhedral to strong fine blocky structure; firm consistence moderately moist; contains a layer of river pebbles at 35-40 cm depth; pH 6.1; clear transition to: |
| B21 | 40-60 | Dark brown (10YR3/3) light clay (fine sandy); weak medium blocky structure; firm consistence moderately moist; pH 5.1; clear transition to: |
| B22 | 60-90 | Very dark greyish brown (10YR3/2) with patches of brown (10YR5/3) and dark brown (7.5YR3/4) light sandy clay loam; moderate medium blocky structure; firm consistence moderately moist; contains a layer of river pebbles at 60-65 cm depth; pH 6.2; clear transition to: |
| 2A | 90-110 | Brown (7.5YR4/4) sandy loam; weak coarse blocky structure; weak consistence moderately moist; contains a layer of river pebbles at 100-105 cm depth |



Chemical characteristics:

| Horizon | pH | Salinity (EC) | Internal drainage | Sodicity | Slaking | Dispersion |
|---------|---------------|---------------|-------------------|-----------|-------------|------------|
| A1 | Strongly acid | Very low | Well | Non sodic | Non slaking | Nil |
| B21 | Strongly acid | Very low | Well | Non sodic | Non slaking | Nil |
| B22 | Slightly acid | Very low | Moderately well | Non sodic | Slaking | Nil |