

## APPENDIX 1 – Soil Profile Description

### MAP UNIT: BURNBANK PLAINS

**Location:** [Australian 1:100,000 Topographic Survey, 7523 Beaufort, Grid Reference: YD197748]

**Northcote Principal Profile Form:** Dy3.41

**Landform:** on the side of a gully in a plain

#### **Profile description:**

##### Depth (cm)

0-1	A <sub>1</sub>	Hardsetting; weak crumb structure, strong consistence; loam, fine sandy; pH 5; 10YR5/4 [yellowish brown] (wet and dry); frequent quartz gravel and buckshot.  gradual boundary to
10-35	A <sub>2</sub>	Hardsetting; massive, very strong consistence; loam, fine sandy; pH 5.5; 10YR7/3 [very pale brown] (dry), 10YR5/4 [yellowish brown] (wet); frequent quartz gravel and buckshot  sharp boundary to
35-90	B	Strong medium angular blocky structure; heavy clay; pH6.5; 7.5YR5/6 [strong brown] (dry), 7.5YR5/8 [strong brown] (wet) is the dominant colour, but there are abundant mottles of 2.5YR4/6 [red] (wet and dry); frequent quartz gravel and buckshot