

APPENDIX 18 – Soil Profile Description

MAP UNIT: ERCILDOUN PLAINS

Location: [Australian 1:100,000 Topographic Survey, 7623 Creswick, Grid Reference: YD318534]

Northcote Principal Profile Form: Gn 4.31

Landform: on a side of a slight crest on a plain

Profile description:

Depth (cm)

- | | | |
|--------|-----------------|---|
| 0-12 | A ₁₁ | Very strong crumb structure;
clay loam;
pH 5;
7.5YR4/3 [brown to dark brown] (dry), 7.5YR3/3 [dark brown] (wet);
abundant buckshot

diffuse boundary to |
| 20-60 | B ₁ | Strong fine angular rough-faced ped polyhedral structure;
extremely gritty clay loam;
pH 6;
7.5YR4/6 [strong brown] (dry), 7.5YR3/3 [dark brown] (wet);
the abundant coarse grit is mainly composed of quartz and mica

diffuse boundary to |
| 60-105 | B ₁ | Strong fine angular rough-faced polyhedral structure;
extremely gritty medium clay;
pH 5.5;
10YR4/3 [brown to dark brown] (dry); 10YR4/3 [dark brown] (wet);
the abundant coarse grit is mainly composed of quartz and mica |