



MAP UNIT	MAJOR SOIL CHARACTERISTICS	GREAT SOIL GROUP*	PPF**
SOILS OF THE LEVEES			
Lo LOCKYER	Dark clay loam to light clay with dark or brown neutral to alkaline structured subsoil over friable, dark or brown D-horizons at 45-100 cm.	Prairie soils	Uf 6.32 Gn 3.43
Ca CAVENDISH	Dark clay loam to light clay with calcareous structured light-medium to medium clay subsoil.	Chernozems	Gn 3.43
Te TENTHILL	Dark, weakly self-mulching, cracking light to medium clay to 50-70 cm over friable brown D-horizon.	Black earths	Ug 5.16 Ug 5.17
Ho HOOPER	Dark, weakly self-mulching, cracking light clay to 15-30 cm over dark light to medium clay to 40-90 cm over brown, calcareous medium clay to 90-130 cm over friable brown D-horizon.	Black earths	Ug 5.15
SOILS OF THE ALLUVIAL PLAINS			
Lw LAWES	Dark, moderately self-mulching, cracking medium clay to 10-30 cm over dark clay becoming grey-brown or brown, calcareous medium to heavy clay with depth. This is underlain at 70-140 cm by a friable brown D-horizon. Variants with light-medium clay or medium-heavy clay surface soils are common.	Black earths	Ug 5.15 Ug 5.16
Bl BLENHEIM	Dark, weakly or moderately self-mulching, cracking, light to medium clay to 15-30 cm over dark medium to heavy clay to 80-110 cm over grey-brown or brown medium clay becoming brown calcareous light-medium clay at depth.	Black earths	Ug 5.15 Ug 5.16
Cl CLARENDON	Dark, moderately self-mulching, cracking medium to heavy clay to 20-25 cm over dark or grey heavy clay to 100 cm over grey or brown, calcareous heavy clay to 150 cm.	Black earths	Ug 5.15 Ug 5.16
Fl FLAGSTONE	Grey or dark, weakly crusting, moderately self-mulching, cracking light to medium clay to 15-30 cm over light grey or grey-brown and increasingly calcareous subsoil to 90-120 over friable, brown D-horizon.	Grey clays	Ug 5.16 Ug 5.2
● R2	Soil sample site	A, B, C, D. Block designation	
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* After Stace et al (1968). "A Handbook of Australian Soils".
 **Principal Profile Form (Northcote, 1979).

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