

GROUP 3

Moderately permeable soils of the dunes and ridges. Good external drainage with the exceptions noted below. Generally above gravity water supply level and therefore not mapped in full detail.

3 ^A	M2 sandy clay loam	M2 _{scl}	Brown sandy duplex profiles with appreciable salinity. Watertables developing in these soils will result in salt damage to M8 sandy loam and to other soils down slope.
	M3 sandy loam	M3 _{sl}	
	M3 sandy clay loam	M3 _{scl}	
	M3 sandy clay loam, dense deep subsoil	M3 _{scldds}	
	M4 sandy loam	M4 _{sl}	
	M4 sandy clay loam	M4 _{scl}	
	M4 clay loam	M4 _{cl}	
	M8 sandy loam	M8 _{sl}	
3 ^B	M1 sand	M1 _s	Mainly brown duplex soils, some suitable for irrigation but all with special disabilities, thus: M1 sand, poor water retention; M5 soils, variability; M6 soils, seepage problems.
	M5 sandy loam	M5 _{sl}	
	M5 sandy clay loam	M5 _{scl}	
	M6 sandy loam	M6 _{sl}	
	M6 clay loam	M6 _{cl}	
Series M2 to M5	M2, M3, M5	Some areas comparable with sub-group 3 ^A , but others are variable or dominated by soils of sub-group 3 ^C .	
Complex of M2 sandy clay loam and M3 clay	M2 _{scl} -M3 _c		
Various soils of series M3 and M4	M3/M4		
3 ^C	M2 clay loam	M2 _{cl}	Wind-scalded soils not favoured for irrigation because of surface crusting, or slope, or impermeability, or variable highly calcareous surfaces. M2 soils are moderately saline.
	M2 clay	M2 _c	
	M3 clay	M3 _c	
	M4 clay	M4 _c	
	M5 clay	M5 _c	
	M7 clay loam	M7 _{cl}	
	M7 clay	M7 _c	

GROUP 4

Soils generally of low saturated permeability and variable salinity hazard. With effective control of salinity the soils are suitable for perennial and annual pastures, summer fodder crops and cereals; and, where surface drainage is good, also for soybeans and sunflowers.

4 ^A	Koroop clay	K ^o _c	Grey cracking clays and crusting grey and brown soils. Low salinity hazard except for some areas of Reedy Creek clay loam. When allowed to dry out the clay soils crack deeply and require a very heavy first watering.
	Laton clay (south of Forest Reserve)	L ^t _c	
	Unit I	I	
	Myall clay	M ^l _c	
	Type G3	G3	
	Reedy Creek clay loam	R ^o _{cl}	
Cullen loam (eroded)	C ^u _l		
4 ^B	Fairley clay	F ^o _c	Inherently saline grey and brown cracking clays and related duplex soils which require careful management to minimise actual salt damage. Control of watertables on a district scale is necessary for complete reclamation. Heavy grading of gilgais and drainage lines is often necessary on Kerang clay and Laton clay.
	Kerang clay	K _c	
	Macorna clay	M _c	
	Meran clay	M ^o _c	
	Meran sandy clay loam	M ^o _{scl}	
	Meran sandy loam	M ^o _{sl}	
	Warra clay	W ^o _c	
	Laton clay (northern occurrences)	L ^t _c	
	Koroop clay, saline variant	K ^o _c	
	Types 4, 5	4,5	