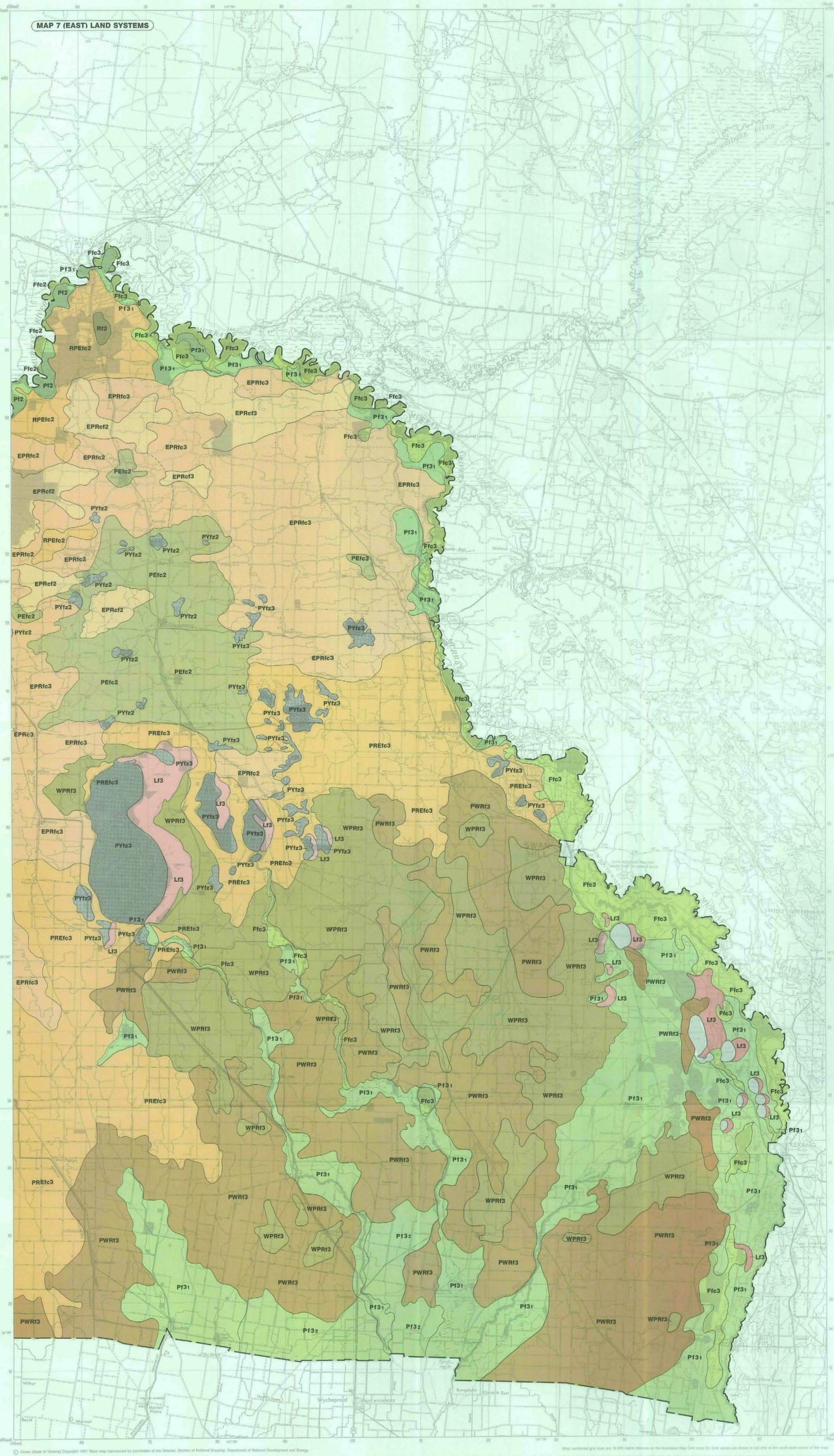
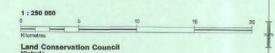


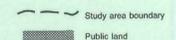
# LAND SYSTEMS

## MALLEE AREA - REVIEW



GEOMORPHIC UNIT	LAND SYSTEM SYMBOL (See Key)	DOMINANT DEPENDENT FEATURES		CORRELATION WITH LAND SYSTEMS IN 1974 LCC REPORT
		INDIGENOUS VEGETATION	SOILS (in order of occurrence)	
MALLEE DUNEFIELD Very closely-spaced, reddish-yellow, e-w dunes with soft cores — on plains and ridges on plains in Raak depression Sandplains with scattered reddish-yellow, e-w dunes in Noora depression Closely-spaced e-w dunes with compact cores — on plains and ridges in north on plains in Raak depression on plains in Noora depression Scattered e-w dunes — on plains and ridges in south on ridges and plains in north on plains and ridges fringing the Noora depression on plains in Raak and Tyrrell depressions Weakly-oriented dunes on plains and ridges in south Plains, ridges and areas of weakly-oriented dunes in south Locally high ridges without linear dunes — Yarrara, Robinvale, Walpeup Evaporative basin plains — plains with gypseous dunes in depressions saltpans in Raak depression sandplains and saltpans in Raak depression lunettes (also in Riverine Plain) Clay plains and sandplains in Raak depression Irregular pale dunes, closely to widely-spaced — on plains and ridges on plains in Raak and Noora depressions Very closely-spaced pale e-w dunes — on plains and ridges on plains in Raak depression on plains in Noora depression	EPRfc2 EPRfc3 EPCf2 PECf2	Low mallee scrub	Reddish yellow sands Sandy red duplex soils Calcareous earths	Central Mallee
	EPRfc2 EPRfc3 EPCf2 EPCf2	Mallee scrub	Sandy red duplex soils Reddish yellow sands Calcareous earths	
	PREfc3	Mallee scrub	Calcareous earths Sandy red duplex soils	Hopetoun
	RPEfc2 RPEfc3 PREfc2	Pine-belar woodland Tall mallee scrub Grassy pine-belar woodland Mallee scrub	Calcareous earths Sandy calcareous earths Shallow loams on limestone Calcareous earths Sandy calcareous earths	Mitawa Central Mallee
	PEfc2 PEfc3	Tall mallee scrub Grassland	Grey gypseous clays Sandy red duplex soils	Hopetoun
	WPR13	Mallee scrub	Calcareous earths Calcareous clays	Boisheat
	PWR13	Tall mallee scrub Mallee scrub	Calcareous earths Calcareous clays	Culgoa
	RI2 RI3	Pine-belar woodland Mallee scrub	Calcareous earths	Boisheat
	PYfz2 PYfz3 PYfc2	Sapphire shrubland Saltbush shrubland Tall mallee scrub Low mallee scrub	Calcareous earths Saline loams Shallow loams on copri Sandy red duplex soils Shallow loams on copri Saline clays	Raak Berrook
	Pz2 Pc22	— Grassland Pine-belar-buloke woodland	— Sandy red duplex soils Saline clays	Raak Raak
LI2 LI3	Pine-belar woodland Pine-belar-buloke woodland Tall mallee scrub	Red duplex soils Yellow duplex soils	Raak, Lindsay Island	
Pfc2 Pcfc2	Grassland Pine-belar-buloke woodland Tall mallee scrub	Sandy red duplex soils Grey gypseous clays Calcareous earths	Berrook	
IPRC2 IPRC3 IPRC4 IPC2	Low mallee scrub Low mallee scrub Heath Low mallee scrub	Pale sands	Berrook Big Desert 2 Berrook	
EPRc2 EPRc3 EPRc4 EPC2 EPC12	Low mallee scrub Low mallee scrub Heath Low mallee scrub	Pale sands Sandy mottled duplex soils Calcareous earths in east Pale sands Sandy mottled duplex soils	Berrook Big Desert 1 Berrook	
Ffc2 Ffc3 FWfc2	Redgum and blackbox woodland Grassland Redgum and blackbox woodland Pine woodland Mallee scrub	Grey clays Grey sands Grey sands Reddish yellow sands Grey clays	Lindsay Island Tyrrell Creek Lindsay Island	
PI2 PI31 PEfc2	Saltbush shrubland Blackbox woodland Grassland Blackbox and buloke woodland Bluebush shrubland	Red and brown duplex soils, saline at depth Red duplex soils Grey clays Sandy red duplex soils Red and brown duplex soils, saline at depth	Neds Corner Tyrrell Creek Neds Corner	
PI32	Blackbox-buloke open woodland	Red brown clays Grey clays	Wycheproof	

- NOTES:
- The last (smaller font) number in the Land Systems **PI31** and **PI32** indicate subdivision of **PI3** according to soil.
  - Land system mapping by J.N. Rowan.



### KEY TO LAND SYSTEM SYMBOLS

- LANDFORM**
- E East-west dune
  - F Present floodplain
  - I Irregular dune
  - L Lunette
  - P Plain above flood level
  - R Stranded beach ridge, usually trending nsw-see
  - W Weakly elongated dune
  - Y Gypseous dune
- LITHOLOGY**
- c Coarsely-textured unconsolidated deposits
  - f Finely-textured unconsolidated deposits
  - l Limestone
  - z Saline finely-textured deposits
- CLIMATE (mean annual rainfall)**
- 2 200 - 300 mm
  - 3 300 - 400 mm
  - 4 400 - 500 mm