LOWAN LAND-SYSTEM

Fig.49 Land-system diagram

	46 LA	31	9 9		9 9	99999	
CLIMATE			25" to 27" average annual rainfall; marked winter incidence; low winter temperatures				
PARENT MATERIAL			Miocene limestone, overlain by thin lagoon depos	its of Pleistocene and Holocene age, particularly in depressions		Uncertain	
TOPO- GRAPHY	Land-form		Plain	Swamp	Plain	Slight ridge	
	Position			Lower		Upper	
SOILS	Sub-group	pment to Coastal plains	Solodic or solonetzic	Solonetzic or meadow soil	Solodic or solonetzic	Solodic	
	Type, Series or Family		Dergholm series		Dergholm series	Gymbowen series	
	Features		Brown (fine) sandy loam A ₁ horizon; greyish-brown (fine) sand A ₂ horizon; mottled brown, with yellowish-brown, orange and red, clay B horizon	Dull brownish-grey sandy loam A ₁ horizon; mottled grey and greyish-brown coarse sandy loam A ₂ horizon; mottled brown and brownish-grey sandy heavy clay B	Brown (fine) sandy loam A, horizon; greyish-brown (fine) sand A ₂ horizon; mottled brown, with yellowish-brown, orange and red, clay B horizon	Brown or reddish-brown sandy loam A ₁ horizon; light brown gravelly sand A ₂ horizon; mottled red, brown and orange light clay B	
VEGE- TATION	Formation		Savannah woodland	Savannah woodland or fen	Savannah woodland	Tall woodland	
	Alliance		Eucalyptus camaldulensis-Poa australis			E. viminalis-E. ovata	
	Association or Chief Species Present		E. camaldulensis native grasses, Banksia marginata	E. camaldulensis reeds, rushes	E. camaldulensis native grasses B. marginata	E. leucoxylon- E. fasciculosa- E. camaldulensis (occ.)	
LAND-USE	Potential		Merino wool-growing, cross-bred wool-growing and breeding, cross-bred wool-growing with fat lambs and beef-cattle-raising, based on pastures of mainly annual species, with fodder conservation and hay production Strawberry clover after drainage				
	Present		Wool-growing, with much development to above potential productivity, but with scope for more intensive development, especially in wetter parts				
	Hazard		Low				
EROSION	Actual		None				
PROBLEMS				Use of swamps with suitable species	1.		
1 KODLEMS				or or order			

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