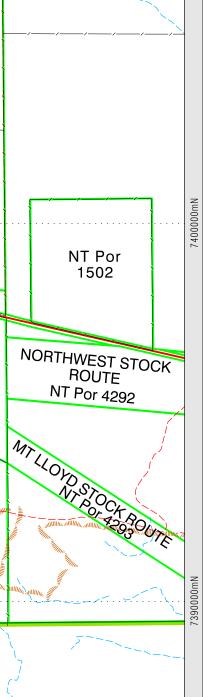


PLATEAUX		PLAINS	Continu
Table Hill Ta	Slightly undulating, dissected plateaux with gentle breakaway slopes. Shallow, generally red-brown sandy clay loams on plateaux - small areas highly calcareous. Stony red-brown sandy clay loams on slopes. Predominantly sparse Mulga over Woollyoat and Mulga grasses on the slopes. Mainly Witchetty Bush, Mulga and shrubs over Spinifex, Oat and Limestone Oat grasses, sidas and other forbs.	Undippa ALLUVI	
MOUNTAINS			
MOUNTAINS Harts Ha	Steep-sided mountain peaks and ranges dissected by narrow watercourses. Shallow, coarse textured soils. Sparse shrubs including Witchetty bush, cassias and Mulga	Bushy Park One	Bu-1
Sonder So	over Kangaroo grass or Spinifex. Bold ranges. Mainly bare rock with pockets of shallow soil. Absent or sparse Witchetty Bush and cassia, or minor Mulga over Spinifex.	Bushy Park Two	Bu-2
HILLS		Bushy Park Three	Bu-3
Bond Springs Bs-1 One	Bold rocky hills and ridges. Shallow, coarse textured soils amongst rock outcrop. A sparse cover of Witchetty Bush, Mulga and Broombush over Woollyoat, Mulga and Kerosene grasses and forbs.		
Napperby Na	Low ranges with boulder-strewn slopes, bare summits and limited drainage development. Shallow, gritty soils amongst rock outcrop. Witchetty Bush with Mulga, Bloodwood and hakea over pockets of Woollyoat, Native Panic, Cotton Panic and Kangaroo grasses.	Hamilton Three	Hm-3
LOW HILLS		Hamilton	
Bond Springs Bs-2	Low stony hills and undulating granite plains, below Bond Springs One land system. Many small watercourses. Shallow stony soils on hillslopes. A range of soils (alluvial, red earths, texture-contrast) on the plains. Typically supports sparse Witchetty Bush	Five	Hm-5
	and Mulga with minor Whitewood and Corkwood over Woollyoat grass, minor Mulga grass, scattered perennial grasses (Cotton Panic, Curly Windmill, Umbrella grasses)	SAND P	LAINS
	and forbs. Curly Windmill grass along watercourses.	Hamilton One	Hm-1
RISES			
Stokes Sk	Gravelly terraces and alluvial fans extending from mountain ranges. Drained by small creek channels. Shallow, stony red earths. 'Mulga annual' grass pastures with groved Mulga, some Turkey Bush and Emu Bush over Spinifex and minor Oat, Woollyoat, Mulga and Cotton Panic grasses, sidas and forbs.	Singleton	Sn
PLAINS		DRAINA	GE SYST
Alcoota Ac	Gently undulating plains, dissected by small watercourses. Shallow red earths, often with gravel content. An open woodland of Witchetty Bush, Whitewood, Bloodwood, Ironwood, Mulga and cassias over Oat, Mulga and Umbrella grasses.	Hamilton Four	Hm-4
Boen Bo	Very broad rises with gentle slopes. Red earths, ironstone gravel sometimes present on surface. Dense shrublands of groved Mulga with Witchetty Bush over 'mulga perennial' pasture (Woolybutt, Wire grass, Kerosene grass, with minor Woollyoat and Mulga grasses). Small areas of 'mulga annual' pasture (Mulga and Woollyoat grasses with Cotton grass).	McGrath	Mg

LTON DOWNS						
Continued						
Un	Plain with occasional distributary channels and gilgais. Red cracking clay. Mitchell grass with Neverfail, Feathertop Wire and Oat grasses, and forbs such as sida. Flinders and Button grasses present after summer rains.					
	IS					
Bu-1	Broad, flat, unchannelled drainage floors. Deep red earths. Dense shrublands of random Mulga, minor Witchetty and occasional hakea and Bloodwood over perennial Woolybutt and Neverfail grasses, minor Oat and Mulga grasses and forbs.					
Bu-2	Extensive, featureless alluvial plain with a very slight slope away from the ranges. Deep red earths. Dense shrublands of groved Mulga with isolated Witchetty Bush over perennial Woolybutt and Neverfail grasses, minor Wire and Mulga grasses.					
Bu-3	Broad, inter-drainage plains. Areas of low sandy rises. Deep red earths, with some red clayey sands on sandy rises. Random Mulga over perennial grasses, with Witchetty Bush dominant on sandy rises. Groved Mulga over annual (Mulga grass, some Woollyoat grass) and perennial species.					
Hm-3	Alluvial plain. Stable, inter-drainage sectors. Red earths, often of sandy clay loam texture. Tall open Mulga woodland with occasional Dead Finish, Witchetty Bush and Broombush over annual Oat, Woollyoat, Mulga grasses and forbs. Palatable perennial grasses, Curly Windmill (tree bases) and Umbrella grasses (open areas). Palatable perennials less common than on Hamilton units One and Two. Minor Wire and Woolybutt grasses.					
Hm-5	Gilgaied clay plain. Red clay, or solonetzic (marked, blocky B horizon) soils. Open tussock grassland of predominantly Neverfail with occasional Mitchell grass, minor Oat grass and forbs.					
AINS						
Hm-1	Flat sandy plains. Predominantly red earths, and non-calcareous earthy sands. Open woodland of Whitewood and Supplejack with occasional Bloodwood, Needlewood, Witchetty Bush, Mulga and cassias over annual WoollyOat, Mulga grasses and perennial Woolybutt, Umbrella grass (open areas) and Curly Windmill grass (tree bases) and sidas.					
Sn	Sandplain. Red clayey sands. Sparse Mulga, Witchetty Bush and low shrubs over Spinifex, minor other grasses and forbs.					
E SYS	TEMS					
Hm-4	Flat drainage floors and flood plain. Highly erodible texture-contrast soils. Thin surface layer of sandy loam overlying clay subsoils. Removal of the surface mantle results in a hard, largely impenetrable clay surface (scalding). Cottonbush with palatable perennial grasses (Curly Windmill grass, Umbrella grass), minor Oat and Mulga grasses and forbs.					
Mg	Drainage channels or depressions. Neutral red earths, of sandy loam texture. Predominantly tall, dense Mulga over palatable perennial grasses (Cotton Panic,					

AINS		ALLOVIAL FLAI		
Ha So	Steep-sided mountains peaks and ranges dissected by narrow watercourses. Shallow, course textured soils. Sparse shrubs and low trees including Witchetty Bush, cassia and Mulga over mainly Kangaroo grass or Spinifex. Bold ranges. Mainly bare rock with pockets of shallow soil. Mainly bare rock. Pockets of sparse Witchetty Bush and cassia, or minor Mulga over Spinifex.	Bushy Park Three Hamilton Hm-3	clayey sands on sandy rises. S grasses with Witchetty Bush do grasses (Mulga and some Woo Alluvial plain. Stable, inter-drai	reas of low rises. Deep red earths, with some red everal components. Random Mulga over perennial ominant on sandy rises, or groved Mulga over annual illyoat grasses) and perennial species. nage sectors. Red earths, often of sandy clay loam
		Three	Mulga grasses and forbs. Minc	with minor Dead Finish over Oat, Woollyoat and or palatable perennial grasses (Curly Windmill,
s 💿 i	Bold rocky hills and ridges. Shallow, course textured soils amongst rock outcrop.		Umbrella grasses) present. Sm	all amounts of Wire grass and Woollybutt.
Bs-1	Sparse Witchetty Bush, Mulga and Broombush over Woollyoat, Mulga and Kerosene grasses and forbs.	SAND PLAINS		
Na	Low ranges with boulder-strewn slopes, bare summits and limited drainage development. Shallow, gritty soils amongst rock outcrop. Mainly Mulga with Witchetty Bush, Bloodwood and hakea over pockets of Woollyoat, Native Panic,	Hamilton Hm-1 One Hm-1	Open woodland of Whitewood	lly red earths, and non-calcareous earthy sands. and Supplejack with other minor trees and shrub Ilga grasses and perennial grasses.
	Cotton Panic and Kangaroo grasses.	Singleton Sn	Sandplain. Red clayey sands. Spinifex, minor other grasses a	Sparse Mulga, Witchetty Bush and low shrubs over and forbs.
LLS		DRAINAGE SYS	STEMS	
s Bs-2	Low stony hills and undulating granite plains, below Bond Springs One land system. Many small watercourses. Shallow stony soils on hillslopes. A range of soils (alluvial, red earths, texture-contrast) on the plains. Sparse Witchetty Bush and Mulga with minor Whitewood and corkwood over Woollyoat grass, minor Mulga grass, scattered perennial grasses (Cotton Panic, Curly Windmill, Umbrella grasses) and forbs. Curly Windmill grass along watercourses.	Hamilton Four Hm-4	Flat drainage floors and flood plain. Highly erodible texture-contrast soils. Thin surface layer of sandy loam overlying clay subsoils. Removal of the surface mantle results in a hand, largely impenetrable clay surface (scalding). Sparse Cottonbush and palatable perennial grasses (Curly Windmill, Umbrella grasses), minor Oat and Mulga grasses and forbs.	
		McGrath Mg		ons. Neutral red earths, of sandy loam texture.
Sk	Gravelly terraces and alluvial fans extending from mountain ranges. Drained by small creek channels. Shallow, stony red earths. 'Mulga annual' grass pasture with groved Mulga, some Turkey Bush and Emu Bush over Spinifex and minor Oat, Woollyoat, Mulga and Cotton Panic grasses, sida species and forbs.		Ironwood, minor Supplejack and shrubs over annual Woollyoat grass and perennial Woollybutt, Umbrella and Curly Windmill grasses. Areas of dense Mulga over palatable perennial and annual grasses.	
		Example of Land System Description		
Во	ery broad rises with gentle slopes. The landscape drains by surface flows and does not have defined drainage routes. Red earths, ironstone gravel sometimes present on surface. Dense shrublands of groved Mulga with some Witchetty Bush over mainly 'mulga perennial' pasture, (Woollybutt, Wire, Kerosene grass, with minor	Harts Ha		Landform Description ad ranges dissected by narrow watercourses. parse shrubs and low trees including Witchetty inly Kangaroo grass or Spinifex.
	Woollyoat and Mulga grasses). Small areas of 'mulga annual' pasture, (Mulga and Woollyoat and Cotton grasses).	Land System	Soil Description	Vegetation Description
Hm-2	Gently sloping plains or upper fans occupied by shallow distributary channels. Course textured alluvial soils. Sparse Whitewood, Ironwood, Needlewood, Witchetty Bush and cassia species over annual Woollyoat and Mulga grasses, sidas and perennial Woollybutt grass. Curly Windmill grass along creek banks.	Dobbie, W. & Basin, G. (1986) Dobbie, W. & Basin, G. (19		Bibliographic Reference: Dobbie, W. & Basin, G. (1986) <i>Range Condition assessment report:</i>
Un	Plain with occasional distributary channels and gilgais. Red cracking clay. Mitchell grass plains with minor Neverfail, Feathertop Wire and Oat grasses and forbs such as sida. Flinders and Button grasses present after summer rains.	Hamilton Downs StationMilton Park StationDepartment of Primary Production,Department of Primary Production,Alice Springs, Northern TerritoryAlice Springs, Northern Territory		
	NS			
Bu-1	Broad, flat, unchannelled drainage floors. Deep red earths. Dense non groved Mulga woodland, minor Witchetty Bush, corkwood, Needlewood and Bloodwood also present over perennial Woollybutt and Neverfail grasses, minor Woollyoat and	Please Note: These reports are generally not available.		





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