

LAND



Spatial Gateway

INTRODUCTION

Land, soil and vegetation information is available in the Northern Territory. Detailed information is available around populated areas, while a more general information is available for the rest of the Northern Territory. Land resource knowledge and information is essential for land use planning, development and management of sustainable agricultural and pastoral industries. As well as reducing the risk of soil and land degradation.

The Rangelands Division is the primary provider of the Northern Territory land resources datasets and information which includes land system, land unit and soil mapping. The division also provides assessment and control of land clearing on unzoned lands and pastoral lands for land development proposals.



LAND CLEARING AREAS - PASTORAL

The pastoral land clearing data provide information on areas of pastoral land permitted to clear by the Pastoral Land Board under the provisions of the *Pastoral Land Act* in the Northern Territory.

Proposals for clearing for cropping/planting of introduced pastures; clearing for non-pastoral uses; clearing for other purposes such as thinning trees to improve access/management and clearing regrowth from previous clearing (not consented) requires written consent from the Pastoral Land Board. If an application is approved a Pastoral Land Clearing Permit will list any conditions applying to the consent; a clearing plan showing the areas approved for clearing and outline the period of the clearing consent and time frames for commencement and completion of clearing works.

Technical Detail	
Source	Rangelands Division
Coverage	Northern Territory
Currency	2004 to 2018
Coordinates	GDA94, Geographic (decimal degrees)
Format	ESRI Shapefile, ESRI File Geodatabase and Oracle Spatial
Contact	Geraldine Lee
Contact phone	08 8999 4474

LAND CLEARING AREAS - UNZONED

The unzoned land clearing data shows areas permitted to clear native vegetation under the *Planning Act* by the consent authority on land that is not zoned under the NT Planning Scheme.

Land clearing of more than one hectare of native vegetation, including existing cleared land on freehold land property, must lodge a development application and receive a permit before clearing under the *Planning Act*. Proposals to clear native vegetation are assessed during the application process to ensure landholders demonstrate good land management principles, particularly in relation to protecting soil, water and biodiversity values. If the consent authority (Minister for Infrastructure, Planning and Logistics) is satisfied that the proposed development does not unreasonably contribute to environmental degradation of the locality, a permit will be issued to clear native vegetation.

Technical Detail	
Source	Rangelands Division
Coverage	Northern Territory
Currency	2003 to 2018
Coordinates	GDA94, Geographic (decimal degrees)
Format	ESRI Shapefile, ESRI File Geodatabase and Oracle Spatial
Contact	Angela Estbergs
Contact phone	08 8999 4454

LAND RESOURCE INFORMATION

Land resource information is the collection and documentation of landform, soil and vegetation information to determine the suitability of land for current and future land uses. Its primary aim is to provide an inventory of land resource information for use in decision making. The information is collected according to Australian guidelines and applicable for Territory wide, regional and local land use planning demands. A wide range of landscape properties is described from field investigations, resulting in a diverse range of reporting and mapping products delivered to our clients.

The land resource information is grouped into land unit surveys, land system surveys, land other surveys and soil surveys.

A land unit is defined as a reasonably homogenous part of the landscape, distinct from the surrounding terrain with relatively uniform properties in landform, soils and vegetation. These surveys provide detailed information used to assist with the assessment of land suitability, land development and land management decisions.

A land system is defined as an area or group of areas where there is a recurring pattern of topography, vegetation and soils. Each land system is recognised as being an assemblage of land units. Land system mapping is a broad scale survey that describes land resources at a regional scale.

Soil surveys provide soils information with minimal landform and/or vegetation detail. For agricultural developments a grid survey approach is used to map soil variability.

LAND RESOURCES

LAND UNITS
1:5,000 to 1:20,000

- 1. Adelaide River Township
- 2. Upper Todd Catchment - (Bond Springs Station)
- 3. Borroloola Township
- 4. Douglas Hot Springs
- 5. E Kerles Property
- 6. Hale Plain Station
- 7. Harrison Dam
- 8. Tuyu and Yapilika, Melville Island
- 9. Moroak Station
- 10. Pine Creek Township
- 11. Timber Creek Township
- 12. Upper Adelaide River Area
- 13. NT Por 1918, Juno
- 14. CDU, Casuarina
- 15. Connells Lagoon

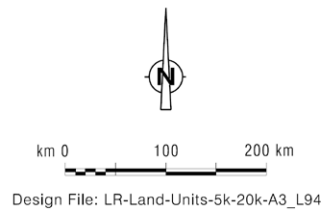
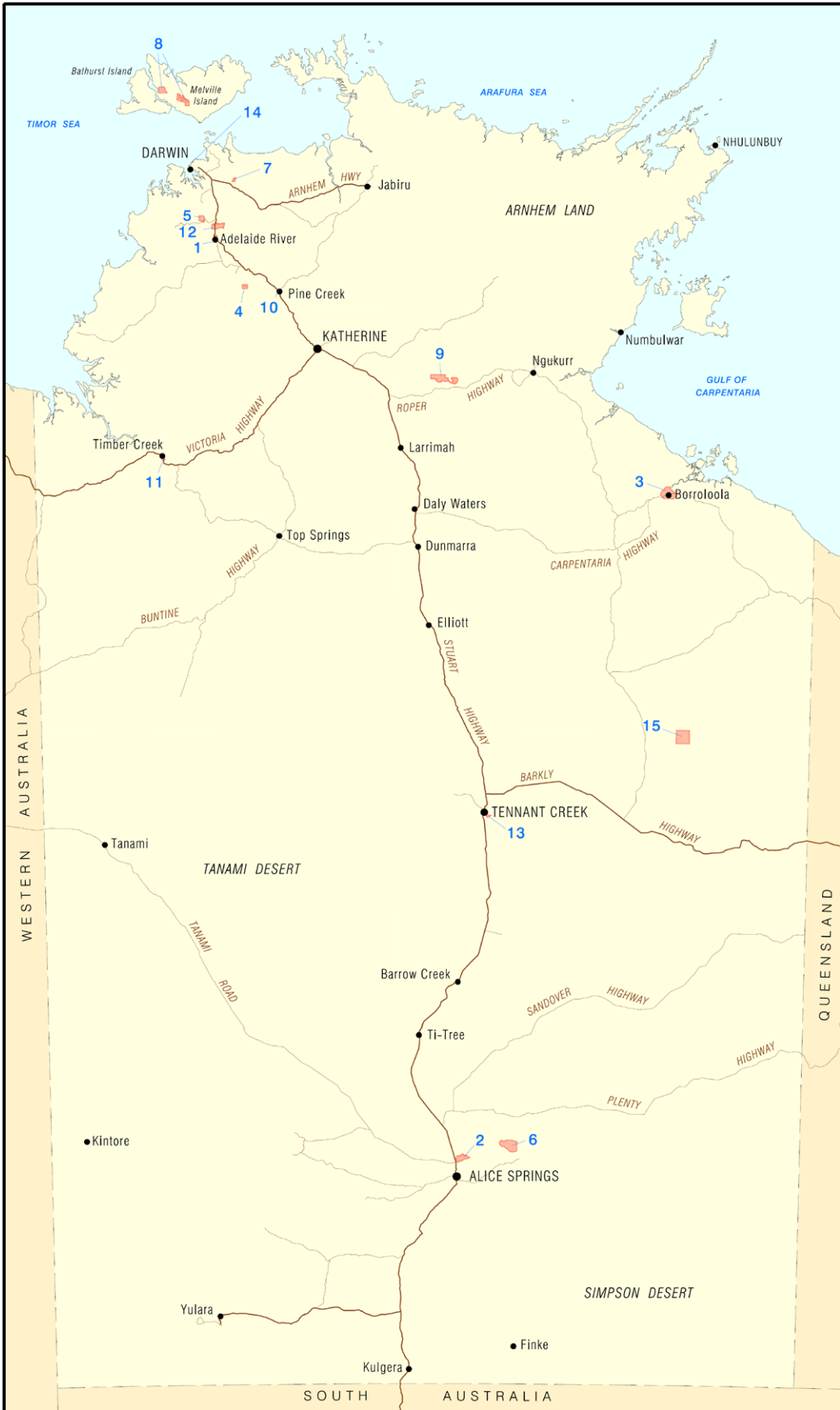
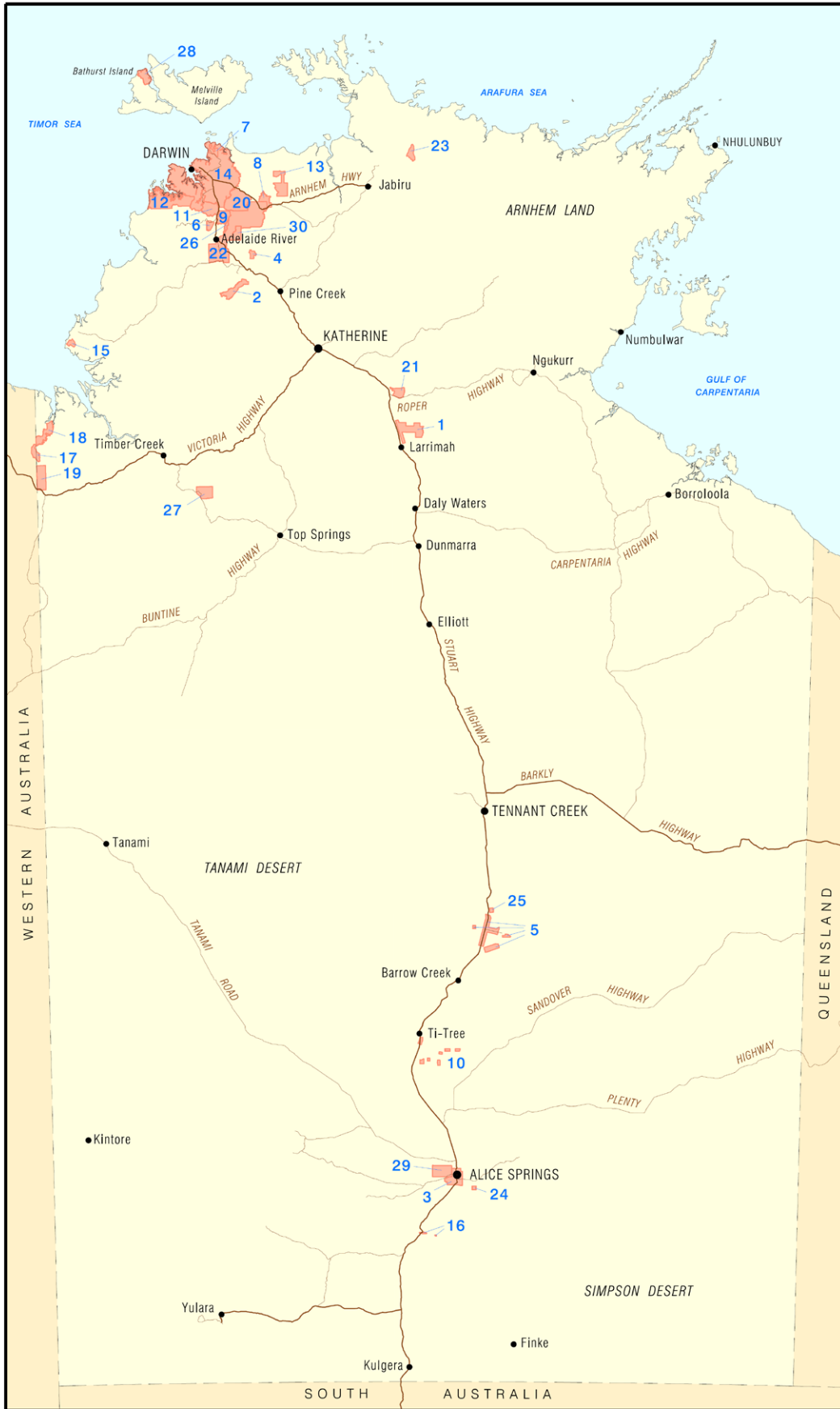


Figure 14: Land unit surveys in the Northern Territory at 1:5 000 to 1:20 000.



LAND RESOURCES

**LAND UNITS
1:25,000 to 30,000**

1. Larrimah
2. Douglas-Daly ADMA Area
3. Alice Springs
4. Ban Ban Springs Station
5. Ali Curung
6. Batchelor Township
7. Gunn Point Area
8. Annaburroo Station
9. Coomalie Creek Area
10. Ti Tree Area
11. Darwin River Dam and Manton Dam Catchments
12. Lower Finnis
13. Wildman River
14. Greater Darwin Area
15. Nangu Area
16. Orange Creek
17. Knox Creek Plain, WA & NT
18. Keep River Plains
19. Keep River National Park
20. Marrakai Area
21. Eelsey Park, Mataranka
22. Mount Bunday Station
23. Nabarlek Mine Area
24. Undoolya Rocky Hill Station
25. Singleton Station - Application Area
26. Upper Adelaide River Floodplain
27. Kidman Springs Station
28. North East Bathurst Island
29. West McDonnell National Park
30. Mt Ringwood Stn



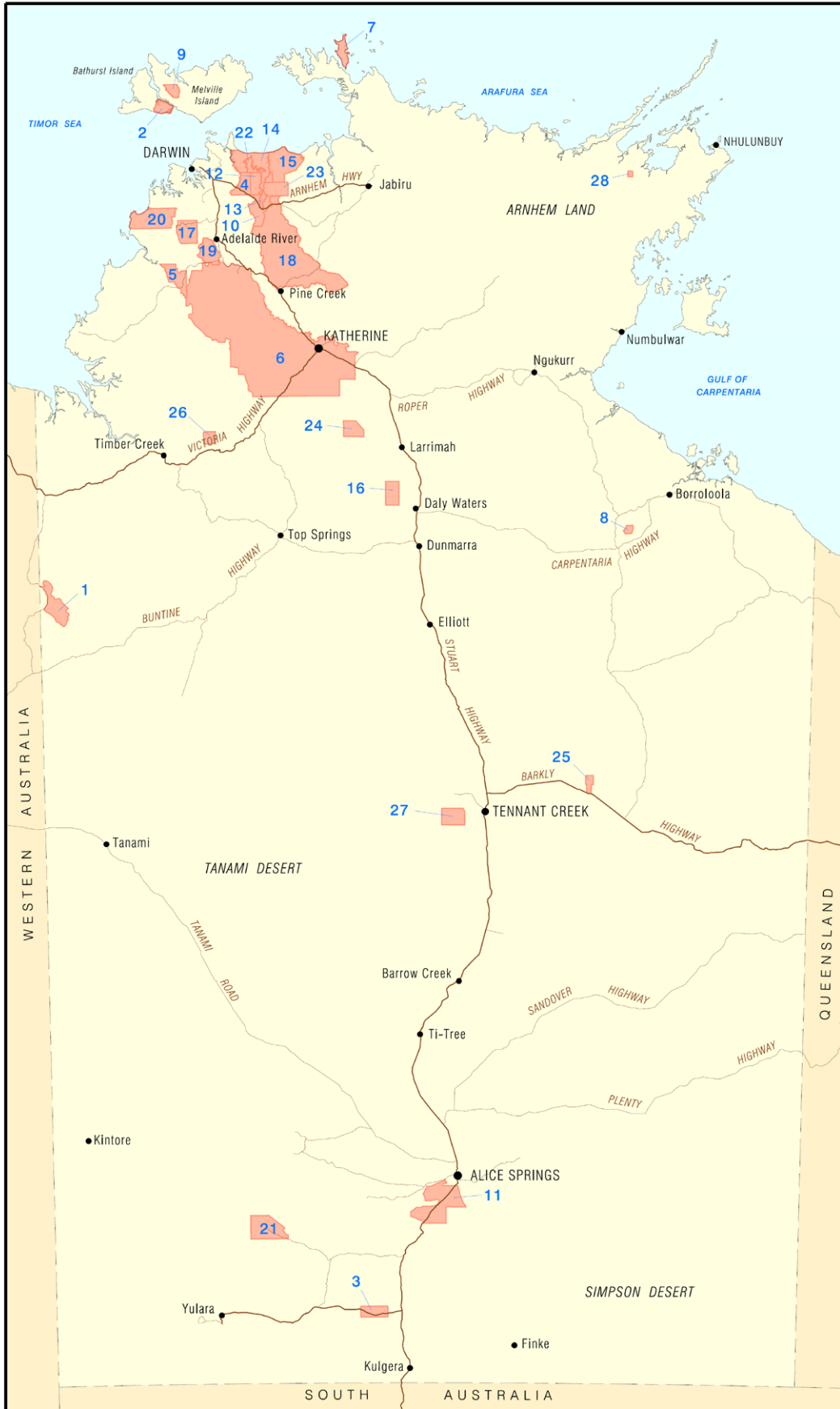
km 0 100 200 km

Design File: LR-Land-Units-25k-30k-A3_L94

Figure 15: Land unit surveys in the Northern Territory at 1:25 000 to 1:30 000.

LAND RESOURCES

LAND UNITS
1:50,000



- 1. East Owen Springs Station
- 2. South/East Bathurst Island
- 3. CLMA Rabbit Eradication Area
- 4. Humpty Doo - Coastal Plains
- 5. Daly River Agricultural Area
- 6. Daly Basin
- 7. Croker Island
- 8. McArthur River Station - Trial Paddocks
- 9. 17 Mile Plain, Melville Island
- 10. Mary River Catchment
- 11. Hardman Basin
- 12. Mary River - Coastal Plains
- 13. Mt Bundey - Coastal Plains
- 14. Adelaide - Mary River Floodplain
- 15. Point Stuart Station
- 16. Sunday Creek
- 17. Litchfield Park
- 18. Upper Mary River Catchment
- 19. Warral Catchment
- 20. Wagait Aboriginal Reserve
- 21. Watarrka National Park
- 22. Woolner Area
- 23. Wildman River Station
- 24. Wyworrie Station
- 25. Frewena
- 26. Coolibah Station
- 27. Tennant Creek West
- 28. Lake Evella

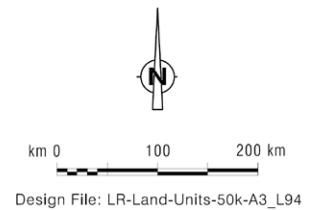
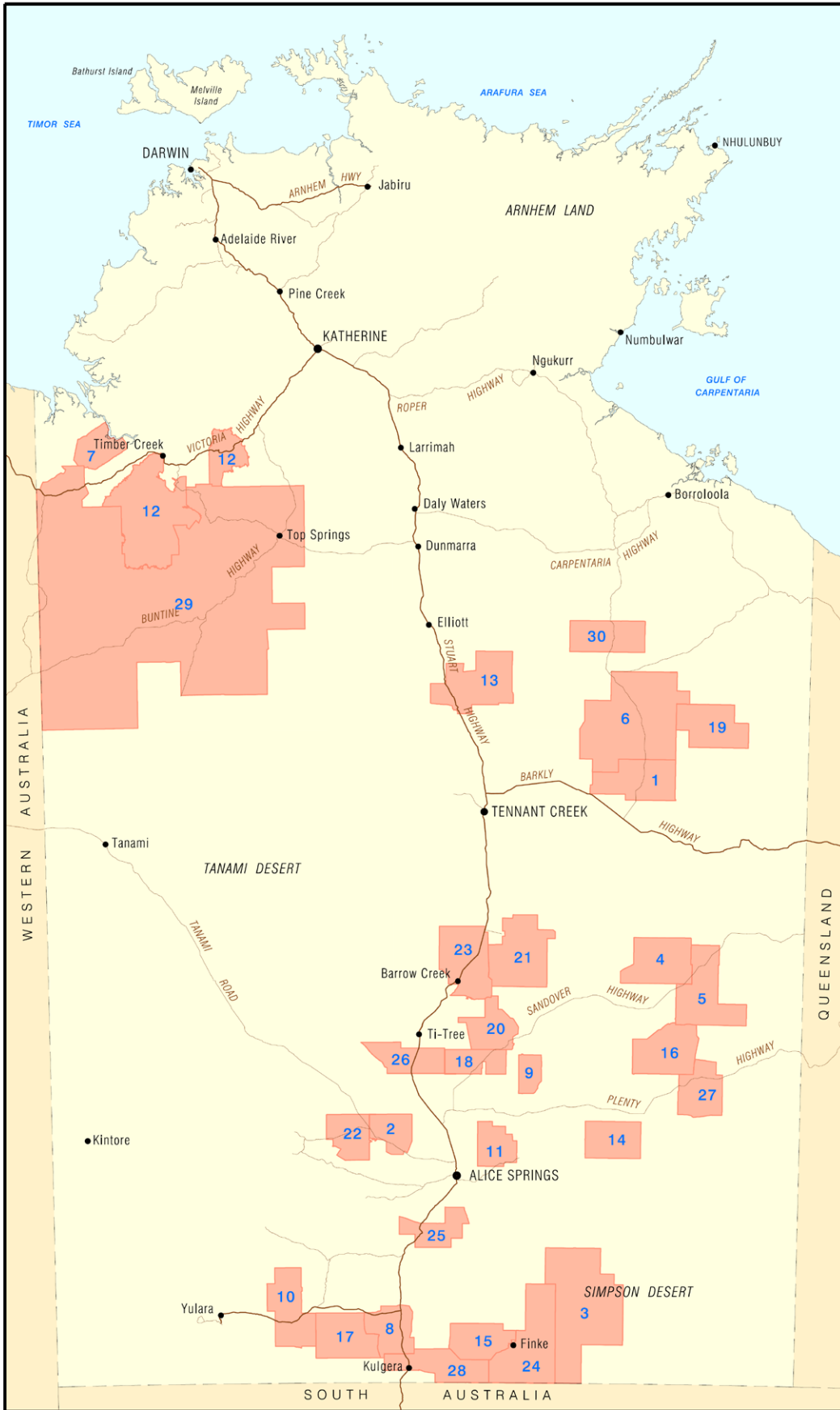


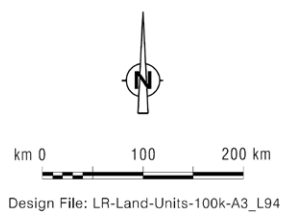
Figure 16: Land unit surveys in the Northern Territory at 1:50 000.

LAND RESOURCES

LAND UNITS
1:100,000



- 1. Alroy Downs Station
- 2. Amburla
- 3. Andado
- 4. Annitowa
- 5. Argadargada
- 6. Brunette Downs
- 7. Bullo River Station
- 8. Curtin Springs
- 9. Delny Delmore Station
- 10. Erdunda Station
- 11. Garden Station
- 12. Gregory National Park
- 13. Helen Springs Station
- 14. Indiana Station
- 15. Lilla Creek Station
- 16. Lucy Creek Station
- 17. Lyndavale Station
- 18. Woodgreen Station
- 19. Mittiebah Station
- 20. Mt Skinner Station
- 21. Murray Downs
- 22. Narwietooma Station
- 23. Neutral Junction
- 24. New Crown Station
- 25. Orange Creek Station
- 26. Pine Hill Station
- 27. Tarlton Downs Station
- 28. Umbeera Station
- 29. Victoria River District
- 30. Walhallow Station



Design File: LR-Land-Units-100k-A3_L94






























Figure 17: Land unit surveys in the Northern Territory at 1:100 000.

LAND UNIT SURVEYS

Land unit surveys are usually mapped at scales of 1:5 000 to 1:100 000 in the Northern Territory and cover many pastoral properties, national parks and aboriginal land. Finer scaled surveys from 1:5 000 to 1:25 000 describes areas where development is more intensive such as near towns or proposed agricultural areas. The location of land unit surveys are shown in [Figures 14 to 17](#).

Source	Rangelands Division
Coverage	Northern Territory
Currency	1971 to 2018
Coordinates	GDA94, Geographic (decimal degrees)
Data scale	1:5 000 to 1:100 000
Format	ESRI Shapefile, ESRI File Geodatabase, Oracle Spatial and PDF maps
Contact	Jason Hill
Contact phone	08 8999 4443

Land units 1:5 000 and 1:20 000 surveys listing - see [figure 14](#) for map reference number.



























MAP REF	SURVEY NAME	CODE	SCALE	YEAR	REPORT	DATA
1	Land Units Adelaide River Township	ADEL_R_15	15 000	1978		
2	Land Units Upper Todd Catchment (Bond Springs Station)	BONDS_15	15 000	1994		
3	Land Units Borroloola Township	BORRO_16	16 000	1974		
4	Land Resources Douglas Hot Springs	DDHS_10	10 000	1980		
5	Land Units E Kerle's Property	EKERL_10	10 000	1976		
6	Land Units Hale Plain, Garden Station	HALEP_20	20 000	2000		
7	Horticultural Potential Harrison Dam	HARRI_10	10 000	1979		
8	Land Units Tuyu and Yapilika, Melville Island	MELIX_16	16 000	1978		
9	Soils Moroak Station	MOROAK_15	15 000	2010		
10	Land Units Pine Creek Township	PINEC_10	10 000	1977		
11	Land Units Timber Creek Township	TIMBE_15	15 000	1976		
12	Land Units Upper Adelaide River Area	UARES_10	10 000	1975		
13	Land Resources NT Por 1918, Juno	JUNO_20	20 000	2016		
14	Land Resources CDU, Casuarina	CDU17_5	5 000	2017		
15	Connells Lagoon Preliminary Vegetation Map	CONNEL_8	8 000	1992		

Land units 1:25 000 and 1:30 000 surveys listing - see [figure 15](#) for map reference number.

MAP REF	SURVEY NAME	CODE	SCALE	YEAR	REPORT	DATA
1	Land Suitability Assessment, Larrimah	LARRI_25	25 000	2015		
2	Land Units Douglas-Daly ADMA Area	ADMA_25	25 000	1983		
3	Land Units Alice Springs	ALICE_25	25 000	2001		
4	Land Resources of Ban Ban Springs Station	BANBA_25	25 000	1977		
5	Land Suitability Assessment, Ali Curung	ALICU_25	25 000	2016		
6	Land Units Batchelor Township	BATCH_25	25 000	1976		
7	Land Suitability Assessment, Gunn Point Area	GUNNP_25	25 000	2017		
8	Land Units Annaburroo Station	ANNAB_25	25 000	1983		
9	Land Resources Coomalie Creek Area	COOMP_25	25 000	1972		
10	Land Suitability Assessment, Ti Tree Area	TTREE_25	25 000	2017		
11	Land Resources Darwin River Dam and Manton Dam Catchments	DRDAM_25	25 000	2004		
12	Land Resources Lower Finnis	DUNDE_25	25 000	2002		
13	Land Suitability Assessment, Wildman River	WILDM_25	25 000	2016		
14	Land Resources Greater Darwin Area	GTRDW_25	25 000	1984		
15	Land Suitability Assessment, Nangu Area	NANGU_25	25 000	2018		
16	Land Suitability Assessment, Orange Creek	ORACK_25	25 000	2018		
17	Land Units Knox Creek Plain, WA and NT	KNOXC_25	25 000	1998		
18	Land Units Keep Plains, NT	KPLAIN_25	25 000	1977		
19	Land Resources Keep River National Park	KRNP_25	25 000	1986		
79	Land Resources Marrakai Area	MARRV_25	25 000	1980		
21	Land Resources Elsey Park, Mataranka	MATPK_25	25 000	1989		
22	Land Units Mount Bunday Station	MTBUN_25	25 000	2010		
23	Land Resources Nabarlek Mine Area	NABAR_25	25 000	1982		















MAP REF	SURVEY NAME	CODE	SCALE	YEAR	REPORT	DATA
24	Land Units Undoolya Rocky Hill Station	ROCKH_25	25 000	1999		
25	Land Units Singleton Station - Application Area	SING_25	25 000	2001		
26	Soils Upper Adelaide River Floodplain	SUARF_25	25 000	1982		
27	Land Units, Kidman Springs Station	KS_30	30 000	1972		
28	Land Units of North East Bathurst Island	BATHU_25	25 000	2015		
29	Land Resources part West McDonnell National Park	SGAP_25	25 000	1982		
30	Land Units Mt Ringwood Station	MTRIN_25	25 000	1978		











































Land units 1:50 000 surveys listing - see [figure 16](#) for map reference number.

MAP REF	SURVEY NAME	CODE	SCALE	YEAR	REPORT	DATA
1	Land Units East Owen Springs Station	OWSP_50	50 000	2002		
2	Land Units of South East Bathurst Island	BATHI_50	50 000	1980		
3	Land Units CLMA Rabbit Eradication Area	CLMA_50	50 000	1993		
4	Land Resources Coastal Plains - Humpty Doo	CPHD_50	50 000	1971		
5	Land Units Daly River Agricultural Area	DALYA_50	50 000	1976		
6	Land Resources Daly Basin	DBSN_50	50 000	1988		
7	Land Units Croker Island	CROKR_50	50 000	1975		
8	Land Units Trial Paddocks McArthur River Station	MCARR_50	50 000	1988		
9	Land Units 17 Mile Plain, Melville Island	MELVI_50	50 000	1973		
10	Land Resources of the Mary River Catchment	MRC_50	50 000	2013		
11	Ecology Hardman Basin	ORC1_50	50 000	1979		
12	Land Resources Coastal Plains - Mary River	CPMARY_50	50 000	1971		
13	Land Resources Coastal Plains - Mt Bunday	CPMTB_50	50 000	1971		
14	Land Resources Adelaide - Mary River Floodplain	PLAIN_50	50 000	1993		
15	Land Resources Point Stuart Station	PTSTU_50	50 000	1973		

MAP REF	SURVEY NAME	CODE	SCALE	YEAR	REPORT	DATA
16	Land Resources Sunday Creek	SUNCK_50	50 000	1985		
17	Land Resources Litchfield Park	TTRAN_50	50 000	1988		
18	Land Resources Upper Mary River Catchment	UMARY_50	50 000	2002		
19	Land Resources Warrai Catchment	WARRA_50	50 000	1985		
20	Land Units Wagait Aboriginal Reserve	WAR_50	50 000	1976		
21	Land Units Watarrka National Park	WATAR_50	50 000	1997		
22	Land Units Woolner Area	WN_50	50 000	1971		
23	Land Resources Wildman River Station	WR_50	50 000	1979		
24	Land Units Wyworrie Station	WYWOR_50	50 000	1988		
25	Land Capability Assessment, Frewena	FRE15_50	50 000	2016		
26	Land Units Coolibah Station, VRD	COOLI_50	50 000	1989		
27	Land Suitability Assessment, Tennant Creek West	KARLS_50	50 000	2016		
28	Land Units Lake Evella	LAKEE_50	50 000	1989		

Land units 1:100 000 surveys listing - see [figure 17](#) for map reference number.

MAP REF	SURVEY NAME	CODE	SCALE	YEAR	REPORT	DATA
1	Land Units Alroy Downs Station	ALROY_100	100 000	2000		
2	Land Units Amburla	AMBUR_100	100 000	2000		
3	Land Units Andado	ANDAD_100	100 000	2002		
4	Land Units Annitowa	ANNIT_100	100 000	2000		
5	Land Units Argadargada	ARGAD_100	100 000	1998		
6	Land Units Brunette Downs	BRUNE_100	100 000	2000		
7	Land Units Bullo River Station	BULLO_100	100 000	2010		
8	Land Units Curtin Springs	CURTI_100	100 000	2000		

MAP REF	SURVEY NAME	CODE	SCALE	YEAR	REPORT	DATA
9	Land Units Delny Delmore Station	DELNY_100	100 000	2003		
10	Land Units Erldunda Station	ERLDU_100	100 000	1999		
11	Land Units Garden Station	GARDE_100	100 000	1996		
12	Land Units Gregory National Park	GREGN_100	100 000	1996		
13	Land Units Helen Springs Station	HELE_100	100 000	2003		
14	Land Units Indiana Station	INDIA_100	100 000	2000		
15	Land Units Lilla Creek Station	LILLA_100	100 000	2002		
16	Land Units Lucy Creek Station	LUCYC_100	100 000	1999		
17	Land Units Lyndavale Station	LYNDA_100	100 000	2002		
18	Land Units Woodgreen Station	WOODG_100	100 000	1998		
19	Land Units Mittiebah Station	MITTI_100	100 000	2000		
20	Land Units Mt Skinner Station	MTSKI_100	100 000	2000		
21	Land Units Murray Downs	MURDO_100	100 000	1995		
22	Land Units Narwietooma Station	NARWI_100	100 000	1995		
23	Land Units Neutral Junction	NEUTR_100	100 000	2000		
24	Land Resources New Crown Station	NEWCR_100	100 000	1997		
25	Land Units Orange Creek Station	ORANG_100	100 000	2000		
26	Land Units Pine Hill Station	PINEH_100	100 000	1999		
27	Land Units Tarlton Downs Station	TARLT_100	100 000	1997		
28	Land Units Umbeara Station	UMBEA_100	100 000	2003		
29	Land Resources Victoria River District	VRD_100	100 000	2013		
30	Land Units Walhallow Station	WALHA_100	100 000	2000		

LAND RESOURCES

LAND SYSTEMS

1:100,000

- 1. Ord River Catchment
- 2. Todd Catchment

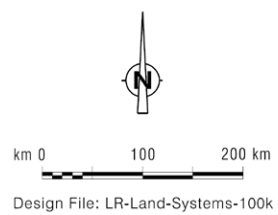
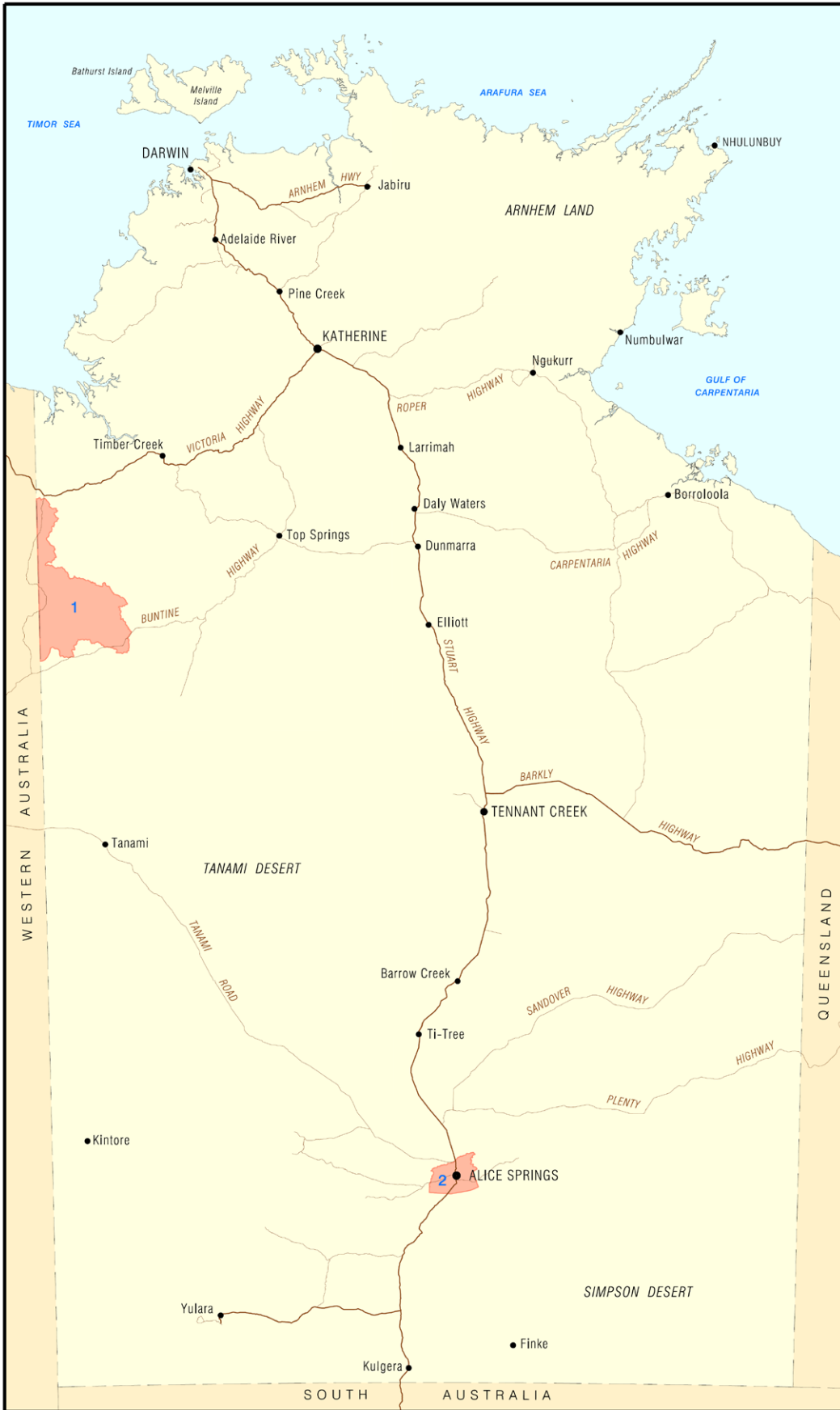
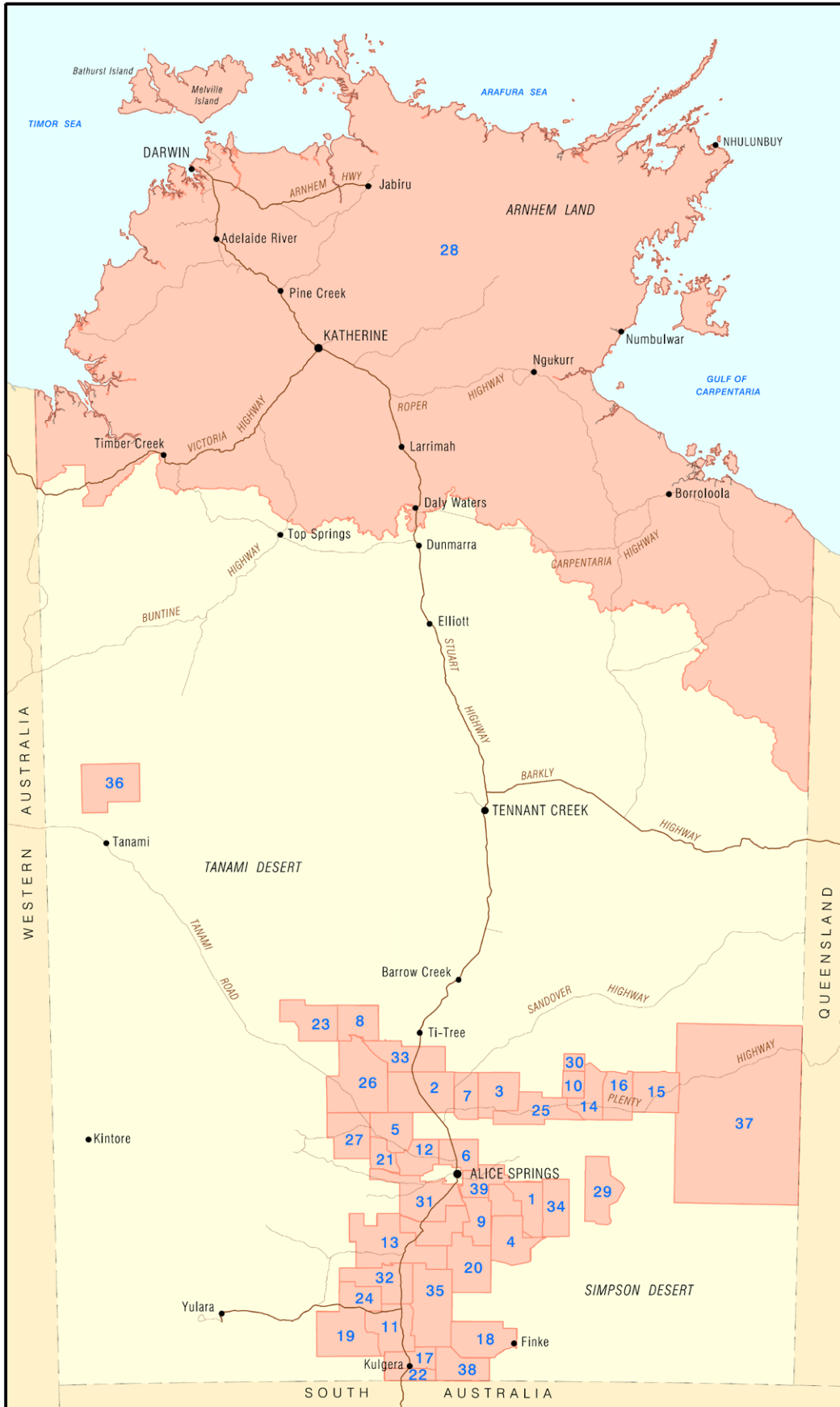


Figure 18: Land system surveys in the Northern Territory at 1:100 000.

LAND RESOURCES

LAND SYSTEMS
1:250,000
Map 1 of 2



1. Todd River Station
2. Aileron Station
3. Alcoota Station
4. Allambi Station
5. Amburla Station
6. Bond Springs Station
7. Bushy Park Station
8. Coniston Station
9. Deep Well Station
10. Dneiper Station
11. Erldunda Station
12. Hamilton Station
13. Henbury Station
14. Huckitta Station
15. Jervois Station
16. Jinka Station
17. Kulgera Station
18. Lilla Creek Station
19. Lyndavale Station
20. Maryvale Station
21. Milton Park Station
22. Mt Cavenagh Station
23. Mt Denison Station
24. Mt Ebenezer Station
25. Mt Riddock Station
26. Napperby Station
27. Narwietooma Station
28. Northern Part of Northern Territory
29. Numery Station
30. Old MacDonald Downs
31. Owen Springs Station
32. Palmer Valley Station
33. Pine Hill Station
34. Ringwood Station
35. South Alice District
36. Suplejack Station
37. Tobermorey-Hay River Area
38. Umbeara Station
39. Undoolya Station

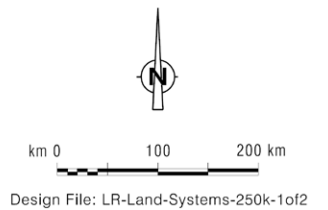
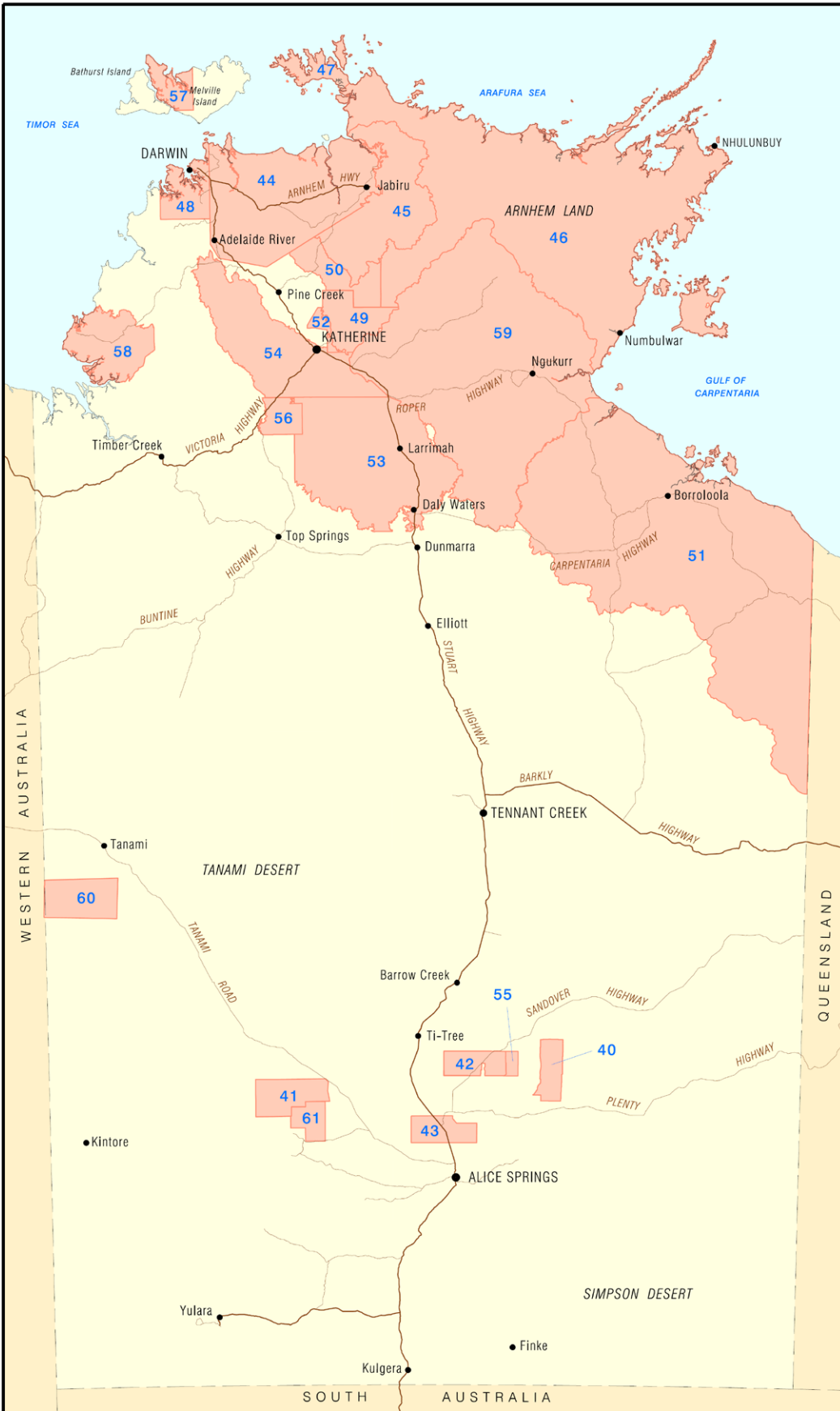


Figure 19: Land system surveys in the Northern Territory at 1:250 000 (map 1 of 2).

LAND RESOURCES

LAND SYSTEMS
1:250,000
Map 2 of 2



- 40. New MacDonald Downs
- 41. Central Mount Wedge
- 42. Woodgreen (Atartinga) Station
- 43. Yambah Station
- 44. Adelaide-Alligator Area
- 45. Alligator Rivers Area
- 46. Arnhem Land
- 47. Cobourg Peninsula
- 48. Darwin Region
- 49. Eva Valley and Surrounds
- 50. Gimbat and Goodparla
- 51. Southern Gulf
- 52. Katherine Gorge
- 53. Sturt Plateau
- 54. Tipperary Area
- 55. Waite River Station
- 56. Willeroo-Dry River Area
- 57. Western Half of Melville Island
- 58. Port Keats Area
- 59. Roper River Catchment
- 60. Tanami Downs
- 61. Derwent Station

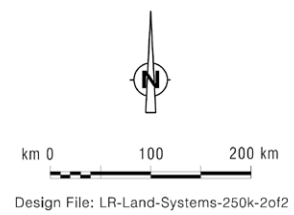


Figure 20: Land system surveys in the Northern Territory at 1:250 000 (map 2 of 2).

LAND RESOURCES

LAND SYSTEMS 1:1,000,000

- 1. Alice Springs Area
- 2. Barkly Region
- 3. Katherine Darwin Region
- 4. Northern Territory
- 5. Ord Victoria Area
- 6. Southern Part of Northern Territory

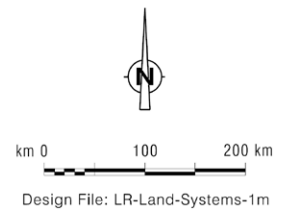
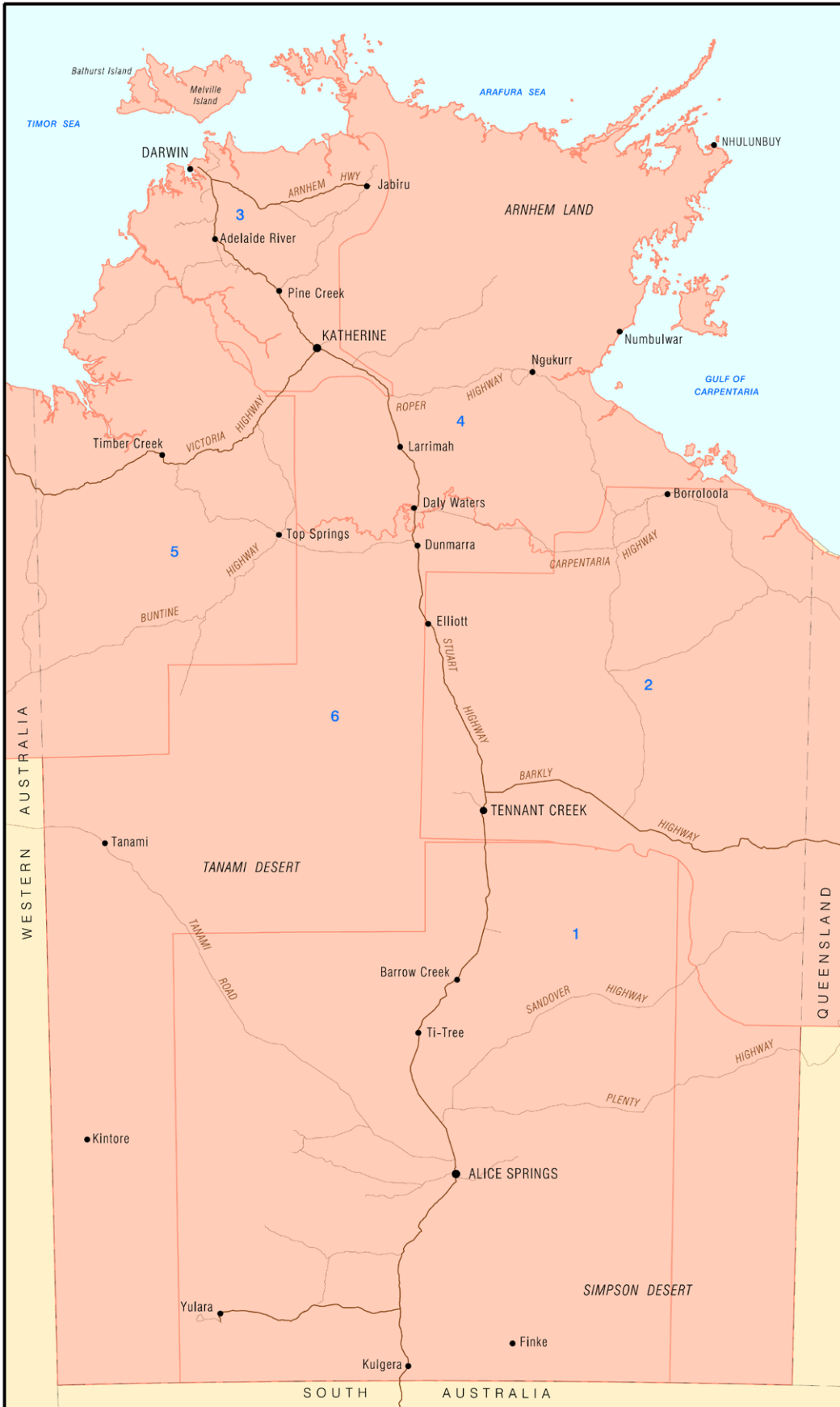






Figure 21: Land system surveys in the Northern Territory at 1:1 000 000.

LAND SYSTEM SURVEYS














Land system surveys are usually mapped at scales of 1:250 000 to 1:1 000 000 in the Northern Territory. These surveys describes a general overview of the landform, soils and vegetation across extensive areas. The location of land system surveys are shown in [Figures 18 to 22](#).

Technical Detail	
Source	Rangelands Division
Coverage	Northern Territory
Currency	1953 to 2013
Coordinates	GDA94, Geographic (decimal degrees)
Data scale	1:100 000 to 1:1 000 000
Format	ESRI Shapefile, ESRI File Geodatabase, Oracle Spatial and PDF maps
Contact	Jason Hill
Contact phone	08 8999 4443



Land system 1:100 000 surveys listing - see [figure 18](#) for map reference number.

MAP REF	SURVEY NAME	CODE	SCALE	YEAR	REPORT	DATA
1	Lands Ord River Catchment, NT	ORDRI_100	100 000	1978		
2	Land Systems Todd Catchment	TODDC_100	100 000	1980		

Land system 1:250 000 surveys listing - see [figure 19](#) and [figure 20](#) for map reference number.

MAP REF	SURVEY NAME	CODE	SCALE	YEAR	REPORT	DATA
1	Range Condition Todd River Station	TODDR_250	250 000	1979		
2	Range Condition Aileron Station	AILER_250	250 000	1984		
3	Range Condition Alcoota Station	ALCOT_250	250 000	1993		
4	Land Systems of Allambi Station	ALLAM_250	250 000	1984		
5	Range Condition Amburla Station	AMBUR_250	250 000	1986		
6	Range Condition Bond Springs Station	BONDS_250	250 000	1991		
7	Range Condition Bushy Park Station	BUSHY_250	250 000	1980		
8	Range Condition Coniston Station	CONIS_250	250 000	1983		
9	Range Condition Deep Well Station	DEEPW_250	250 000	1979		
10	Range Condition Dneiper Station	DNEIP_250	250 000	1991		
11	Range Condition Erldunda Station	ERLDU_250	250 000	1989		
12	Range Condition Hamilton Station	HAMIL_250	250 000	1986		
13	Range Condition Henbury Station	HENBR_250	250 000	1983		

MAP REF	SURVEY NAME	CODE	SCALE	YEAR	REPORT	DATA
14	Range Condition Huckitta Station	HUCKI_250	250 000	1988		
15	Range Condition Jervois Station	JERVO_250	250 000	1991		
16	Range Condition Jinka Station	JINKA_250	250 000	1991		
17	Range Condition Kulgera Station	KULGE_250	250 000	1983		
18	Range Condition Lilla Creek Station	LILLS_250	250 000	1982		
19	Range Condition Lyndavale Station	LYNLS_250	250 000	1989		
20	Range Condition Maryvale Station	MARYV_250	250 000	1984		
21	Range Condition Milton Park Station	MILPK_250	250 000	1986		
22	Range Condition Mt Cavenagh Station	MTCAV_250	250 000	1983		
23	Range Condition Mt Denison Station	MTDEN_250	250 000	1983		
24	Range Condition Mt Ebenezer Station	MTEBE_250	250 000	1989		
25	Range Condition Mt Riddock Station	MTRID_250	250 000	1993		
26	Range Condition Napperby Station	NAPPE_250	250 000	1990		
27	Range Condition Narwietooma Station	NARWI_250	250 000	1986		
28	Land Systems of the Northern NT	NORTH_250	250 000	2011		
29	Range Condition Numery Station	NUMER_250	250 000	1984		
30	Range Condition Old McDonald Downs Station	OLDMD_250	250 000	1992		
31	Range Condition Owen Springs Station	OWSP_250	250 000	1984		
32	Range Condition Palmer Valley Station	PALME_250	250 000	1989		
33	Range Condition Pine Hill Station	PINLS_250	250 000	1984		
34	Range Condition Ringwood Station	RINGW_250	250 000	1983		
35	Land Systems South Alice District	SALIC_250	250 000	1989		
36	Range Condition Supplejack Station	SUPLE_250	250 000	1985		
37	Land Systems Tobermorey-Hay River Area	TOBER_250	250 000	1988		
38	Range Condition Umbeara Station	UMBL_250	250 000	1983		

MAP REF	SURVEY NAME	CODE	SCALE	YEAR	REPORT	DATA
39	Range Condition Undoolya Station	UNDOO_250	250 000	1979		
40	Range Condition New MacDonald Downs Station	NEWMD_250	250 000	1982		
41	Range Condition Central Mount Wedge	WEDGE_250	250 000	1986		
42	Range Condition Atartinga	WOODG_250	250 000	1987		
43	Range Condition Yambah Station	YAMBA_250	250 000	1987		
44	Lands Adelaide-Alligator Area	ADALL_250	250 000	1969		
45	Lands Alligator Rivers Area	ALLIG_250	250 000	1976		
46	Land Systems of Arnhem Land	ARNHM_250	250 000	1998		
47	Land Resources of Cobourg Peninsula	COBOU_250	250 000	1986		
48	Land Systems Darwin Region	DARWL_250	250 000	1985		
49	Land Systems Eva Valley and Surrounds	EVAST_250	250 000	1975		
50	Lands Gimbat and Goodparla, CSIRO	GIMBA_250	250 000	1979		
51	Land Systems Southern Gulf	GULF_250	250 000	1990		
52	Land Resources Katherine Gorge	KATHG_250	250,000	1984		
53	Land Systems Sturt Plateau	STURT_250	250 000	1985		
54	Lands of the Tipperary Area, CSIRO	TIPRY_250	250 000	1965		
55	Range Condition Waite River Station	WAITE_250	250 000	1987		
56	Land Systems Willeroo-Dry River Area	WDR_250	250 000	1978		
57	Land Systems of Western Half of Melville Island	MELIS_250	250 000	1978		
58	Land Systems Port Keats Area	PK_250	250 000	1977		
59	Land Systems Roper River Catchment	ROPER_250	250 000	1992		
60	Range Condition Tanami Downs Station	TANAM_250	250 000	1990		
61	Range Condition Derwent Station	DERWE_250	250 000	1978		

Land system 1:1 000 000 surveys listing - see [figure 21](#) for map reference number.

MAP REF	SURVEY NAME	CODE	SCALE	YEAR	REPORT	DATA
1	Lands Alice Springs Area	ALICS_1M	1 000 000	1962		
2	Land Systems of the Barkly Region	BARKY_1M	1 000 000	1954		
3	Land Systems Katherine Darwin Region	KTHDW_1M	1 000 000	1953		
4	Northern Territory Land Systems	NTLS_1M	1 000 000	2013		
5	Land Systems Ord Victoria Area	ORDVC_1M	1 000 000	1970		
6	Land Systems of the Southern Northern Territory	SOUTH_1M	1 000 000	2011		

LAND RESOURCES

LAND OTHERS 1:25,000 TO 1:250,000

- 1. Coomalie Shire
- 2. Katherine Vicinity
- 3. Amungee Mungee
- 4. Singleton-Murray Downs
- 5. Greater Darwin Region
- 6. Maryvale Pastoral Lease
- 7. Southern Part of Northern Territory

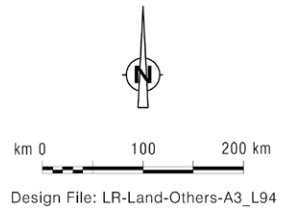
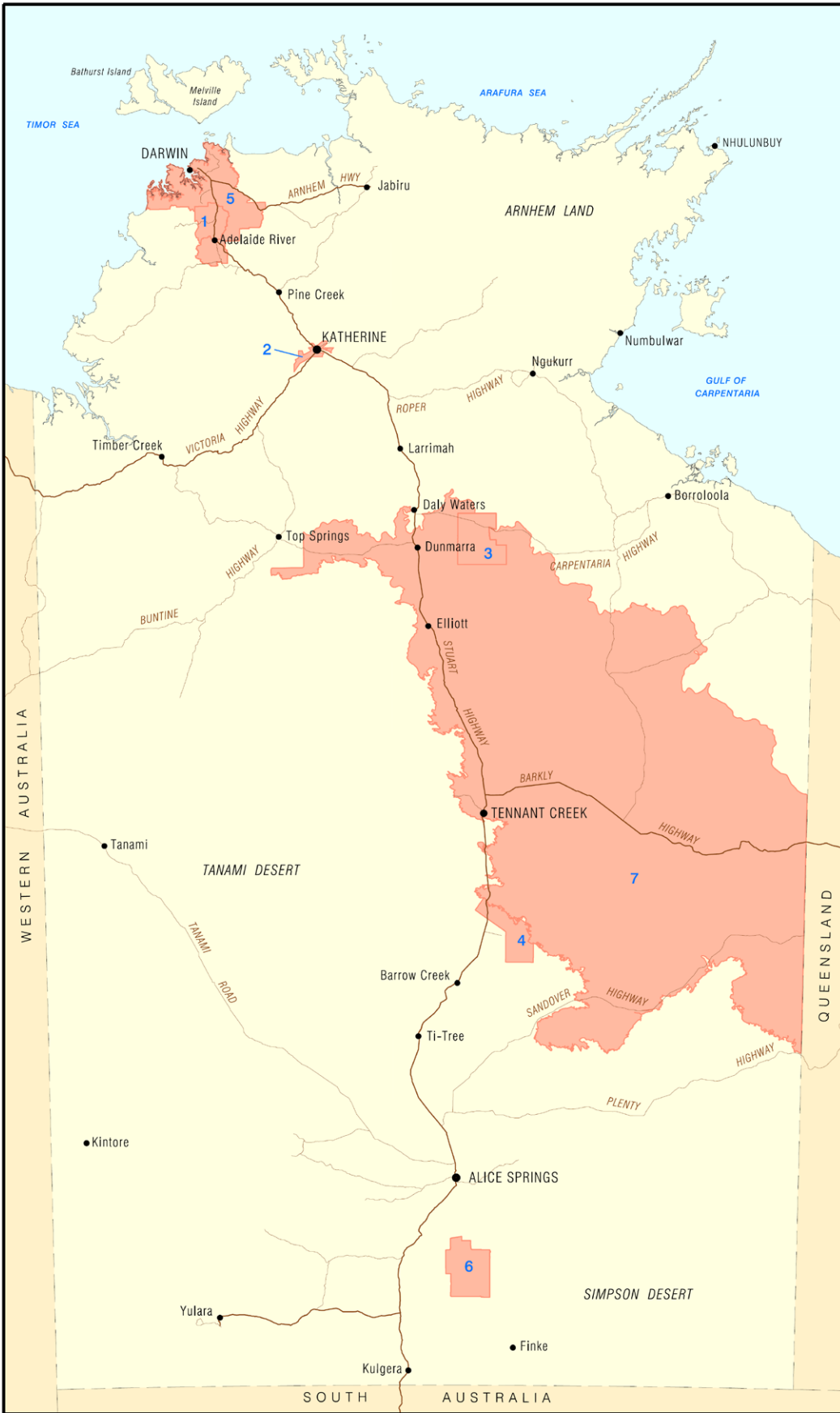











Figure 22: Land other surveys in the Northern Territory at 1:25 000 to 1:250 000.

LAND OTHER SURVEYS

Land other surveys do not fit the definition of land unit, land system or soil surveys. They usually map for specific requirements such as agricultural suitability for urban and peri-urban development, drainage mapping or a combination of these. The location of land other surveys are shown in [Figure 22](#).





Technical Detail	
Source	Rangelands Division
Coverage	Northern Territory
Currency	1980 to 2017
Coordinates	GDA94, Geographic (decimal degrees)
Data scale	1:25 000 to 1:100 000
Format	ESRI Shapefile, ESRI File Geodatabase, Oracle Spatial and PDF maps
Contact	Jason Hill
Contact phone	08 8999 4443

MAP REF	SURVEY NAME	CODE	SCALE	YEAR	REPORT	DATA
1	Land Capability of the Coomalie Shire	COOCL_25	25 000	2009		
2	Land Capability Katherine Vicinity	KRURA_25	25 000	2010		
3	Veg Land Type Mapping Amungee Mungee	AMU12_100	100 000	2013		
4	Land Units Singleton Station - application area	SINGHP_200	200 000	2001		
5	Land Suitability in the Greater Darwin region	GTDLS_50	50 000	2013		
6	Land Types of Maryvale Pastoral Lease	MARYVL_100	100 000	1980		
7	Land Types Southern Part Northern Territory	STHLT_250	250 000	2017		

LAND USE

The land use map shows the types and intensities of different land uses in the Northern Territory. The first land use data was created in 2003, revised in 2008 and updated in 2016. The 2016 land use classification is based on a three-tiered hierarchical structure consisting of primary, secondary and tertiary classes, derived from the Australian Land Use and Management Classification, Version 8 (ABARES 2016). Where possible, land use was mapped to the tertiary level captured using high-resolution aerial photograph or satellite imagery, cadastral and infrastructure mapping and field data to provide the most recent assessment of how the Territory's land resource is being utilised.

Technical Detail	
Source	Rangelands Division
Coverage	Northern Territory
Currency	2003 to 2016
Coordinates	GDA94, Geographic (decimal degrees)
Data Scale	1:2 500 to 1:250 000
Format	ESRI Shapefile, ESRI File Geodatabase and Oracle Spatial
Contact	Jason Hill
Contact phone	08 8999 4443

MAP REF	SURVEY NAME	CODE	SCALE	YEAR	REPORT	DATA
1	Land Use Mapping of the Northern Territory	LUMP2003	25 000 to 250 000	2003		
2	Revised Land Use Mapping of the Northern Territory 2008	LUMP2008	25 000 to 250 000	2008		
3	Northern Territory land use mapping for biosecurity 2016	LUMP2016	25 000 to 250 000	2016		

LAND RESOURCES

SOIL

1:5,000 to 1:20,000

- 1. Koongarra Monitoring Area
- 2. Katherine East
- 3. Manbulloo Station
- 4. Ranger Monitoring Area

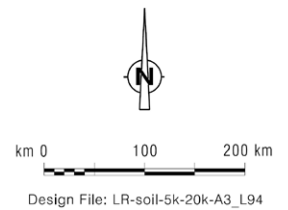
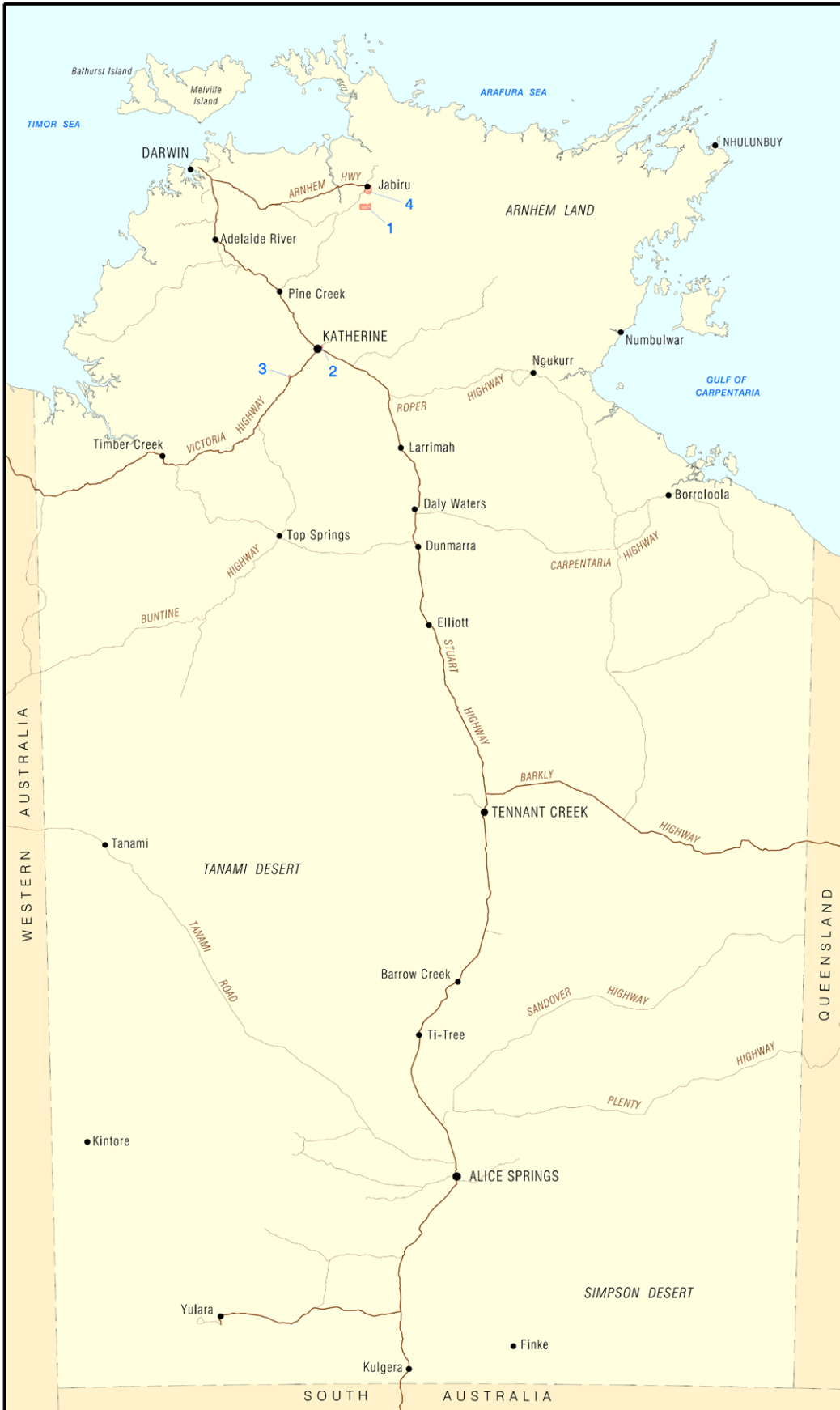


Figure 23: Soil surveys in the Northern Territory at 1:5 000 to 1:20 000.

LAND RESOURCES

SOIL
1:25,000 to 1:50,000

- 1. Upper Katherine River Area
- 2. Darwin Region
- 3. Stylo, Mataranka
- 4. Nourlangie Creek Catchment
- 5. Magela Creek Catchment
- 6. Tippera site, Douglas Daly Research Farm

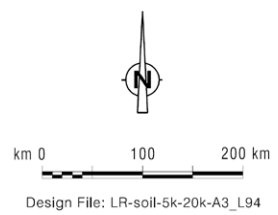








Figure 24: Soil surveys in the Northern Territory at 1:25 000 to 1:50 000.

SOIL SURVEYS









Soil surveys maps particular soil types based on the soils having similar properties. It can vary in scale from high resolution over a small area to broad Northern Territory wide. The soil survey locations are shown in [Figures 23 to 24](#).

Technical Detail	
Source	Rangelands Division
Coverage	Northern Territory
Currency	1969 to 2009
Coordinates	GDA94, Geographic (decimal degrees)
Data scale	1:10 000 to 1:2 000 000
Format	ESRI Shapefile, ESRI File Geodatabase, Oracle Spatial and PDF maps
Contact	Jason Hill
Contact phone	08 8999 4443

Soil 1:5 000 to 1:20 000 surveys listing - see [figure 23](#) for map reference number.

MAP REF	SURVEY NAME	CODE	SCALE	YEAR	REPORT	DATA
1	Soils Koongarra Monitoring Area	KOONG_10	10 000	1986		
2	Soils Katherine East	KEAST_10	10 000	1985		
3	Soils Manbulloo	CSMN_5	5 000	1987		
4	Soils Ranger Monitoring Area	RANGMA_10	10 000	1985		

Soil 1:25 000 to 1:50 000 surveys listing - see [figure 24](#) for map reference number.

MAP REF	SURVEY NAME	CODE	SCALE	YEAR	REPORT	DATA
1	Soils Upper Katherine River Area	LEVEE_25	25 000	1988		
2	Acid Sulphate Soils Darwin Region	DARAS_50	50 000	2008		
3	Soil Survey Stylo, Mataranka	STYLO_50	50 000	2009		
4	Soil Studies Nourlangie Creek Catchment	NOURL_50	50 000	1982		
5	Soils Magela Creek Catchment	RANGE_50	50 000	1979		
6	Soils Tippera Site - Douglas Daly Research Farm	DDES_25	25 000	1984		

SOIL AND LAND INFORMATION DATABASE (SALInfo)

Soil and land site data is held in the Soil and Land Information System (SALInfo). This database contains site locations; landform and soil profile descriptions and soil chemical and physical information. Data vary from detailed morphological descriptions with chemical and physical properties to reconnaissance information only. The database now contains about 36 554 sites across the Northern Territory.

Technical Detail	
Source	Rangelands Division
Coverage	Northern Territory
Currency	1960 to 2018
Coordinates	GDA94, Geographic (decimal degrees)
Format	Oracle Spatial with web user interface (APEX)
Contact	Jason Hill
Contact phone	08 8999 4443