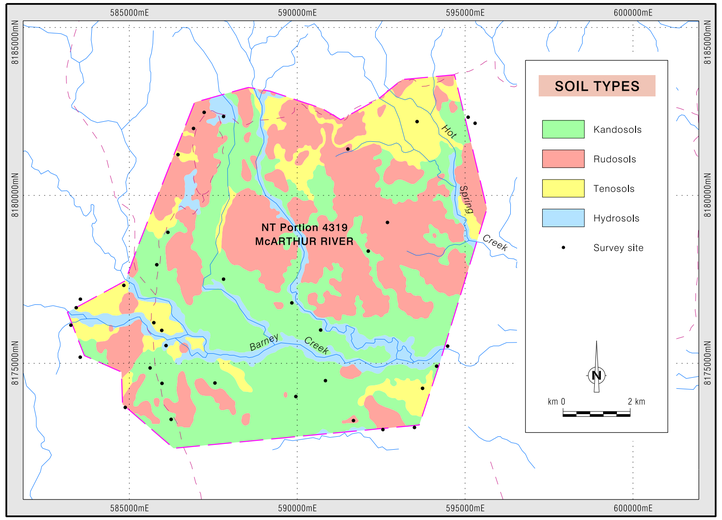
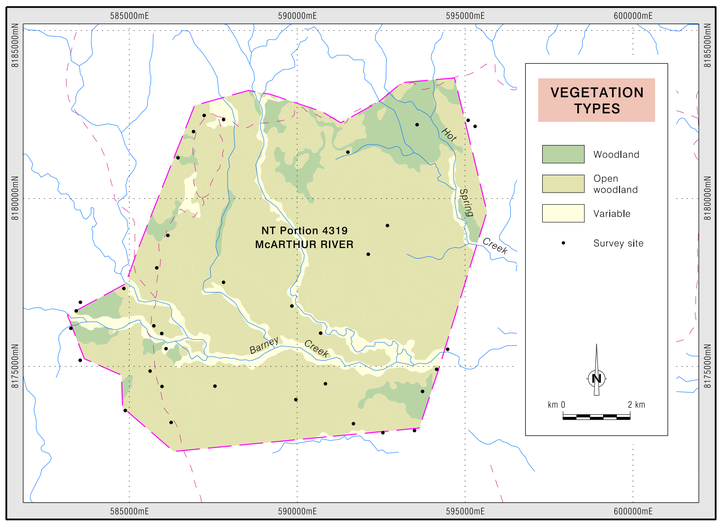




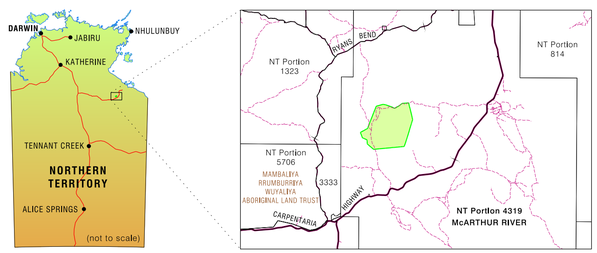
GENERAL FEATURES

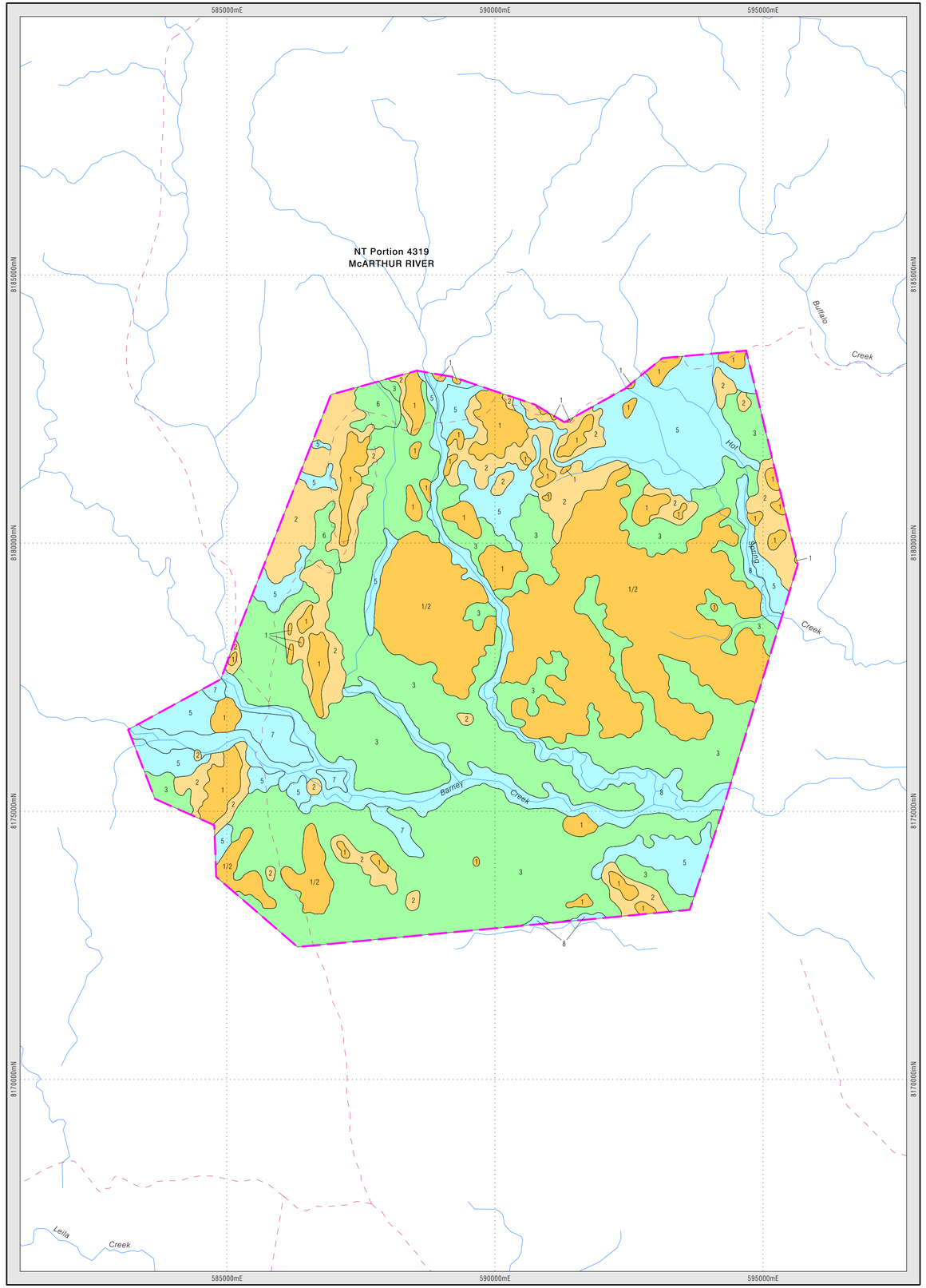
- Land unit boundary
- Survey boundary
- Property boundary
- Minor road
- Local road / track
- Drainage line

Base Information Data Sources:
Dept. of Infrastructure, Planning and Logistics, NT of Australia
Geoscience Australia, Australian Government.

Cartography by R. Lim
Geospatial Services
Department of Environment, Parks and Water Security
Northern Territory of Australia. July 2021.

MAP LOCALITY and STUDY AREA





NORTHERN TERRITORY GOVERNMENT

LAND RESOURCES of
COLINTA TRIAL PADDOCKS
McARTHUR RIVER STATION

For further information contact:
Department of Environment, Parks and Water Security
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Level 3, Goyder Centre, 25 Chung Wah Terrace, Palmerston, Northern Territory of Australia.
NR Maps: https://nrmaps.nt.gov.au

Map Reference: DENR2021132 Colinta Trial Paddocks Land Resources

LAND UNIT DESCRIPTIONS

LOW HILLS

1 Ridges crests and upper slopes with 5-30% slope; extensive rock outcrop and surface stone; rapidly drained; rapid run off Lithosols (Rudosols) uniform texture sand and loamy sand surface 90% stone throughout. *Eucalyptus leucophloia*; *Eucalyptus ferruginea* and *Eucalyptus dichromophloia* low open woodland *Erythrophleum chlorostachys* and *Terminalia canescens* over ground cover dominated by *Plectrachne pungens*.

1/2 Ridges crests and upper slopes with 5-30% slope; extensive rock outcrop and surface stone; rapidly drained; rapid run off Lithosols (Rudosols) uniform texture sand and loamy sand surface 90% stone throughout. *Eucalyptus leucophloia*; *Eucalyptus ferruginea* and *Eucalyptus dichromophloia* low open woodland *Erythrophleum chlorostachys* and *Terminalia canescens* over ground cover dominated by *Plectrachne pungens*.

RISES

2 Lower slopes with <5% slope; extensive surface stone and gravel; well drained; rapid run off Lithosols (Rudosols) uniform texture; loamy sand and sandy loam surface; 10-50% gravel throughout. *Eucalyptus leucophloia*; *Erythrophleum chlorostachys* and *Eucalyptus tectifica* mid high open woodland over a shrubland of *Terminalia canescens* and *Carissa lanceolata* with ground cover dominated by *Plectrachne pungens*.

PLAINS

3 Level plain minor footslopes adjacent to units 1 and 2 with <1% slope; hard setting surface; common termite mounds Red and yellow earths (Kandosols); red earths up to 5% gravel throughout; yellow earths have occasional yellow mottles and 5% surface gravel and up to 30% gravel in subsoil. *Eucalyptus argillacea*; *Lysiphilum cunninghamii* and *Erythrophleum chlorostachys* mid high open woodland over a ground cover of *Sehima nervosum*; *Chrysopogon fallax* and *Eulalia fulva*.

6 Seepage area with <1% slope; soft surface; poorly drained. Black massive earths with gradational texture; loam surface; sandy clay loam subsoil; 10% calcareous concretions in subsoil (Hydrosols). *Eucalyptus papuana*; Ficus sp.; Pandanus sp. variable community structure.

DRAINAGE SYSTEMS

5 Broad drainage floors with <0.5% slope; hardsetting surface; imperfectly drained; slow run off. Earthy sands and minor yellow earths with uniform texture; loamy sand surface with loamy sand and clayey sand subsoil; sandy clay loam in yellow earths; 10-40% gravel in subsoil (Tenosols). *Eucalyptus pruinosa*; *Melaleuca acacioides* and *Atalaya hemiglauca* low to mid high open woodland over a ground cover of *Heteropogon contortus*; *Eulalia fulva* and *Chrysopogon fallax*.

7 Levees and prior streams with <1% slope; soft surface; well drained; slow run off. Earthy sands with uniform texture; loamy sand and sandy loam surfaces with loamy sand to light sandy clay loam subsoils; up to 10% gravel in subsoil (Tenosols)*Eucalyptus tectifica*; *Eucalyptus confertiflora* and *Eucalyptus argillacea* mid high open woodland over a groundcover of *Heteropogon contortus*; Eriachne sp. and Sorghum sp.

8 Incised drainage lines and tributaries; short steep slopes; common streambank and gully erosion; common laterite outcrop. Earthy sands with uniform texture; sand and loamy sand throughout (Hydrosols). Variable community structure of *Eucalyptus camaldulensis* and *Eucalyptus polycarpa* with *Lysiphilum cunninghamii* and *Hakea arborescens* along stream banks.

Example of Land Unit Descriptions

Landform | Landform description | Soil description

PLAINS

6 Seepage area with <1% slope; soft surface; poorly drained. Black massive earths with gradational texture; loam surface; sandy clay loam subsoil; 10% calcareous concretions in subsoil (Hydrosols). *Eucalyptus papuana*; Ficus sp.; Pandanus sp. variable community structure.

Land unit | Vegetation description

MAP DISCLAIMER:

Land resource information has been derived from aerial photograph interpretation and field data describing landform, soil and vegetation. Mapping has been collected according to the national standards and prepared at a scale of 1:50 000. Enlarging this map beyond this scale will not provide further detail.

A site inspection should always accompany mapping for specific areas.

BIBLIOGRAPHIC REFERENCE:

Lynch B.
Land units of the Colinta/D.I.D. Trial Paddocks McArthur River Station.
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Palmerston 1988.

TECHNICAL REFERENCE:

National Committee on Soil and Terrain (2009).
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3rd Edition. CSIRO Publishing, Melbourne.

N

km 0 1 2 3 4 5 km

Black numbered lines are 5000 metre intervals of the Map Grid of Australia (MGA) Zone 53
Transverse Mercator Projection Horizontal Datum: GDA 94

GDA This map was produced on the Geocentric Datum of Australia 1994 (GDA 94)