HUCKITTA NT Portion 2454

JINKA NT Portion 482

AMBALINDUM NT Portion 724

NUMERY NT Portion 483

ATNETYE ABORIGINAL LAND TRUST NT Portion 4333

INDIANA
NT Portion 746

550000mE 560000mE 570000mE 580000mE 590000mE 600000mE 610000mE

7440000mN 7430000mN 7420000mN 7410000mN

Indiana Station Bore Mount Lloyd Dam Mount Lloyd Dam Blue Kyte Dome East Pdk Dome West Pdk Brumby Pdk Newmarket Pdk Dam Pdk No.1 Pdk No.2 Pdk No.3 Pdk Custom Bore Model Bore Brumby Bore Newmarket Bore Acacia Bore Acacia Tank Acacia East Pdk Acacia West Pdk Stinky Poo Tank Crossing Bore Brahma Bore Brahma Pdk Bobs Hole Dam Bobs Hole Pdk Bore Hole Pdk 3-Ways Bore 3-Ways Tank Black Diamond Pdk New Black Diamond Bore Coolibah Dam (P/A) Deterministic Dam (P/A) Mallee Tank Gidyea Pdk Gidyea Bore Green Tank Bloodwood Tank Peggys Dam Dingo Dam Dingo Pdk Atula East Tank Atula Bore Fork Tank Eastside Pdk Gadens Camp Bore Twins Tank Christmas Dam Christmas Creek Atula Creek Huckitta Creek Stanovos Creek Stock Route Phillipson Stock Route Huckitta Creek

LAND UNIT DESCRIPTIONS

PLATEAUX

4.1	Plateaux surfaces with level relief and up to about 30 m elevation above the surrounding land surface. Texture contrast soils (Chromosols). Acacia kempeana; Eremophila freelingii; Senna artemisioides subsp. helmsii Tall sparse shrubland.

HILLS

1.1	Steep sided hills and ridges usually with broad rounded crests. Gravelly Lithosols (Rudosols). Enneapogon polyphyllus; Boerhavia diffusa Low sparse grassland.
1.3	Very rugged hill terrain often capped with duricrust or with peaked summits. Shallow Lithosols (Rudosols). Acacia aneura Tall sparse shrubland.

LOW HILLS

1.2	Low rocky hills with relief to about 10 m and gentle slpoes. Gravelly Lithosols (Rudosols). Acacia kempeana; Acacia aneura; Senna spp.; Tall sparse shrubland with a Mixed spp.; Low open grassland.

PLAINS

2.1	Very gently undulating plain surface with very low relief and slopes of less than 1%. Red earths (Red Kandosols). Acacia kempeana with Acacia estrophiolata Tall open shrubland with a Mixed spp.; Mid high grassland.
2.2	Stoney plains with gentle slopes and low relief. Texture contrast soils (Chromosols). Fimbristylis dichotoma Mixed spp.; Low sparse grassland.
2.3	Very gently undulating plains with slopes less than 1% and low relief. Texture contrast soils (Chromosols). Fimbristylis dichotoma mixed spp.; Low sparse grassland.
3.1	Very gently undulating plains with very low relief. Red earths (Red Kandosols). Enneapogon avenaceus; Enneapogon polyphyllus; Aristida contorta Low open grassland.
3.2	Undulating plains with little surface relief. Red earths (Red Kandosols). Enneapogon polyphyllus; Enneapogon avenaceus; Aristida contorta Mid high grassland.
3.3	Undulating plains and rises with low relief and slopes less than about 6%. Red calcareous soils (Calcarosols). Enneapogon avenaceus; Enneapogon cylindricus Low open grassland.
3.4	Undulating plains with some scattered rocky outcrops. Red earths (Red Kandosols). Enneapogon polyphyllus; Aristida contorta Low sparse grassland.
4.2	Plains formed on mesa footslopes. Red calcareous soils (Calcarosols). Acacia kempeana; Senna artemisioides subsp. helmsii Tall sparse shrubland.
4.3	Plains of gravelly colluvium fanning out from the base of mesa breakaways. Gravelly red earths (Kandosols). Acacia cambegei Low open woodland.
4.5	Level plains with very low relief often with stony surfaces. Texture contrast soils (Chromosols). Fimbristylis dichotoma; Enneapogon avenaceus; Aristida contorta Low open grassland.
5.3	Sand plains with level surfaces and very low relief. Earthy sands (Tenosols). Atalaya hemiglauca; Ventilago viminalis Mid high open woodland.
6.1	Sand plains with level or slightly undulating surfaces. Earthy sands (Tenosols). Eucalyptus gamophylla Tall open mallee shrubland.
6.1/1.2	Sand plains with level or slightly undulating surfaces. Earthy sands (Tenosols). Eucalyptus gamophylla Tall open mallee shrubland. 1.2 component present.
6.1/2.3	Sand plains with level or slightly undulating surfaces. Earthy sands (Tenosols). Eucalyptus gamophylla Tall open mallee shrubland. 2.3 component present.
6.1/4.1	Sand plains with level or slightly undulating surfaces. Earthy sands (Tenosols). Eucalyptus gamophylla Tall open mallee shrubland. 4.1 component present.
6.1/4.2	Sand plains with level or slightly undulating surfaces. Earthy sands (Tenosols). Eucalyptus gamophylla Tall open mallee shrubland. 4.2 component present.
6.1/4.3	Sand plains with level or slightly undulating surfaces. Earthy sands (Tenosols). Eucalyptus gamophylla Tall open mallee shrubland. 4.3 component present.
6.1/5.1	Sand plains with level or slightly undulating surfaces. Earthy sands (Tenosols). Eucalyptus gamophylla Tall open mallee shrubland. 5.1 component present.
6.2	Sand plains with level surfaces and very low relief. Earthy sands (Tenosols). Acacia coriacea; Acacia estrophiolata; Eucalyptus terminalis Low open woodland.
6.3	Sand plains with level surfaces and very low relief. Earthy sands (Kandosols). Atalaya hemiglauca; Ventilago viminalis Low open woodland.
6.4	Sand plains with level surfaces and very low relief. Earthy sands (Tenosols). Acacia murrayana; Hakea eyreana Low open woodland.

ALLUVIAL PLAINS

4.4	Alluvial plains with slopes of 1% or less and very low surface relief. Red earths (Kandosols). Acacia cambegei Low open woodland.
5.1	Alluvial plains with slopes of less than 1% and very low surface relief. Alluvial soils (Kandosols). Acacia estrophiolata Mid high open woodland.
5.2	Alluvial plains with slopes of less than 1% and very low surface relief. Alluvial soils (Kandosols). Acacia murrayana Hakea eyreana Low open woodland.
5.4	Alluvial plains with slopes of less than 1%. Alluvial soils (Tenosols). Aristida holathera; Eragrostis eriopoda; Eriachne helmsii Low sparse grassland.

DRAINAGE SYSTEMS

3.5	Drainage floors with surfaces dissected by extensive scalding and gullying. Texture contrast soils (Chromosols). Fimbristylis dichotoma; Aristida contorta; Enneapogon polyphyllus Low sparse grassland.
5.5	Active floodplains up to a kilometre in width. Coarse textured alluvial soils (Tenosols). Acacia victoriae; Hakea eyerana Low open woodland with emergent Eucalyptus camaldulensis.

Example of Land Unit Descriptions

Landform — Landform description — Soil description

RISES

5a1 — Undulating stony basalt rises, rock outcrop in some areas. Very shallow soils (Leptic Rudosols). Snappy gum low woodland with soft spinifex grasslands. (Eucalyptus brevifolia open woodland)

Land unit — Vegetation description — Vegetation community

N

kilometres 0 2 4 6 8 10 kilometres

Black numbered lines are 10 000 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)

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 1:100 000. Enlarging this map beyond this scale will not provide further detail.

A site inspection should always accompany mapping for specific areas.

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BIBLIOGRAPHIC REFERENCE:

Grant A.R. (1987)
THE PASTORAL LAND RESOURCES OF INDIANA STATION, February 1987
Technical Memorandum 87/2, Soils and Land Resources Unit,
Conservation Commission of the Northern Territory, Alice Springs, NT

TECHNICAL REFERENCE:

McDonald, R.C., Isbell, R.F., Speight, J.G., Walker, J. and Hopkins, M.S. (1984).
AUSTRALIAN SOIL AND LAND SURVEY FIELD HANDBOOK.
Inkata Press, Melbourne.

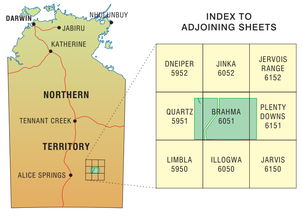
Web: www.lrm.nt.gov.au/nrmapsnt
Map Reference: Indiana-Stn_Land-Resources_100k

Northern Territory Government

LAND RESOURCES of INDIANA STATION

FIELD SITE LOCATIONS

MAP LOCALITY & 1:100 000 MAP SHEET INDEX



INDEX TO ADJOINING SHEETS

DNEIPER 5952	JINKA 6052	JERVOIS RANGE 6152
QUARTZ 5951	BRAHMA 6051	PLENTY DOWNS 6151
LIMBLA 5950	ILLOGWA 6050	JARVIS 6150

GENERAL FEATURES

- Land unit boundary
- Property boundary
- Pastoral homestead — Indiana
- Water Bore
- Fence
- Dam
- Water tank
- Turkey nest
- Water pipeline
- Drainage line
- Relief feature, named — Mount Bird
- Spot height — 184
- Paddock name — Acacia East Pdk
- Local road / track

Base Information Data Sources:
Northern Territory Department of Lands, Planning and Environment.
Geoscience Australia, Australian Government.

Cartography by R. Lim, Spatial Data and Mapping,
Water Resources Division,
Department of Land Resource Management,
Northern Territory of Australia August 2014