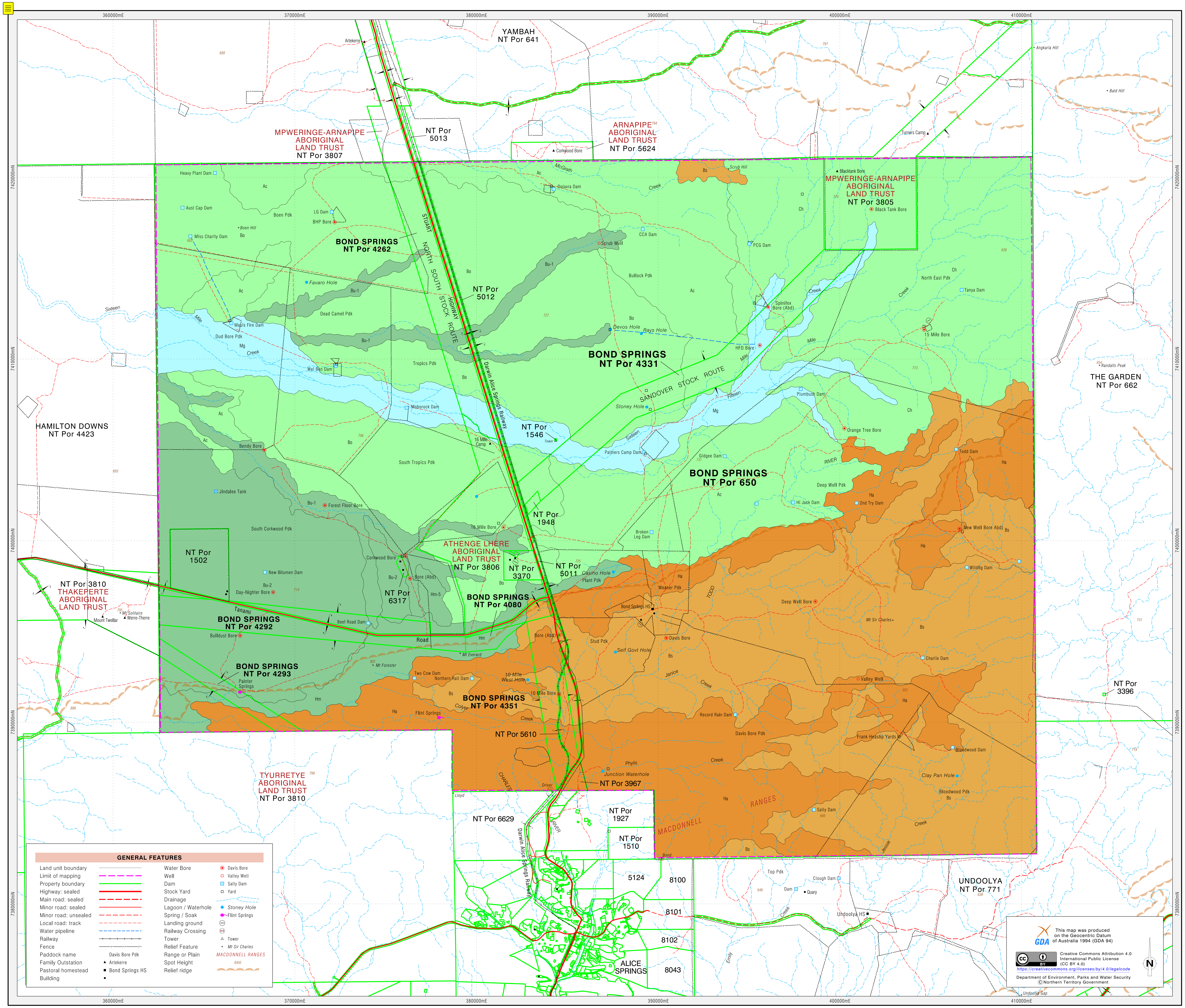


GENERAL FEATURES

Land unit boundary	—	Water Bore	◉ Davis Bore
Limit of mapping	- - -	Well	□ Valley Well
Property boundary	—	Dam	□ Sally Dam
Highway: sealed	—	Stock Yard	□ Yard
Main road: sealed	- - -	Drainage	- - -
Minor road: sealed	—	Lagoon / Waterhole	● *Stoney Hole*
Minor road: unsealed	- - -	Spring / Soak	● Flint Springs
Local road: track	- - -	Landing ground	⊖
Water pipeline	- - -	Railway Crossing	⊗
Railway	+-+-+	Tower	△ Tower
Fence	—/—/—	Relief Feature	∘ *Mt Sir Charles*
Paddock name	Davis Bore Pdk	Range or Plain	*MACDONNELL RANGES*
Family Outstation	▲ Artekerre	Spot Height	*666*
Pastoral homestead	■ Bond Springs HS	Relief ridge	
Building	■		

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

Department of Environment, Parks and Water Security

LAND SYSTEM DESCRIPTIONS

MOUNTAINS

Harts	Ha	Steep-sided mountain peaks and ranges dissected by narrow watercourses. Shallow, coarse textured soils. Sparse shrubs including Witchetty bush, Cassia and Mulga over Kangaroo grass or Spinifex.

HILLS

Bond Springs	Bs	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.

PLAINS

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.
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).
Chisolm	Ch	Undulating to dissected plains with frequent entrenched valleys. Predominantly red earth soils. Small areas of calcareous soil. Ironstone gravel on gentle rises and outcrop areas. Mainly "Mulga annual" with open Mulga over Woollyoat and Mulga grasses. Curly windmill grass and other perennials along watercourses. Areas of calcareous shrubby grassland with Witchetty bush and Cassias over oat grass, perennial grasses and forbs.

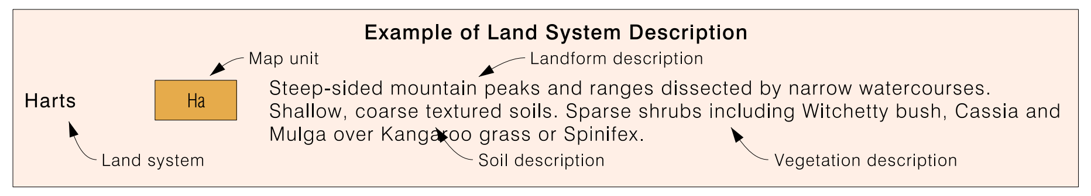
ALLUVIAL PLAINS

Bushy Park 1	Bu-1	Broad, flat, unchannelled drainage floors. Deep red earths. Dense shrublands of random Mulga, minor Witchetty and occasional hakea and Bloodwood over perennial Woolybuttt and Neverfail grasses, minor Oat and Mulga grass and forbs.
Bushy Park 2	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 Woolybuttt and Neverfail grasses, minor Wire and Mulga grass.
Hamilton	Hm	Gently sloping plains and alluvial fans traversed by shallow distributary creek channels. Small areas of floodplain. Predominately sandy alluvial soils. Areas of red earth. Floodplains typically have texture contrast soils (a thin sandy loam overlying clay subsoil). Open woodland of Whitewood and Supplejack with occ. Bloodwood, Ironwood, Witchetty bush, Mulga and Cassia species over annual Woollyoat and Mulga grasses and perennial Curly windmill grass at tree bases. Areas of "Mulga annual" on red earth soils. Floodplains have Cottonbush and perennial Umbrella and Curly windmill grasses.
Hamilton 5	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.

DRAINAGE SYSTEMS

McGrath	Mg	Drainage channels or depressions. Neutral red earths, of sandy loam texture. Predominantly tall, dense Mulga over palatable perennial grasses (Cotton panic, Umbrella and Curly windmill grasses), annual WoollyOat and Mulga grasses and forbs. Areas of Ironwood, minor Supplejack and shrubs. Other units with Coolibah.

Example of Land System Description



Black numbered lines are 10 000 metre intervals of the
Map Grid of Australia (MGA) Zone 53
Transverse Mercator Projection Horizontal Datum: GDA 94

General features data sources:

Cadastre, roads, place names: Department of Infrastructure, Planning and Logistics, Northern Territory of Australia.
Pastoral Infrastructure: Department of Envirnoment, Parks and Water Security, Northern Territory of Australia.
Hydro features: Commonwealth of Australia (Bureau of Meteorology) 2015
Spot heights: Geoscience Australia. 2007. Geodata topo 250K. Series 3.

Cartography by:

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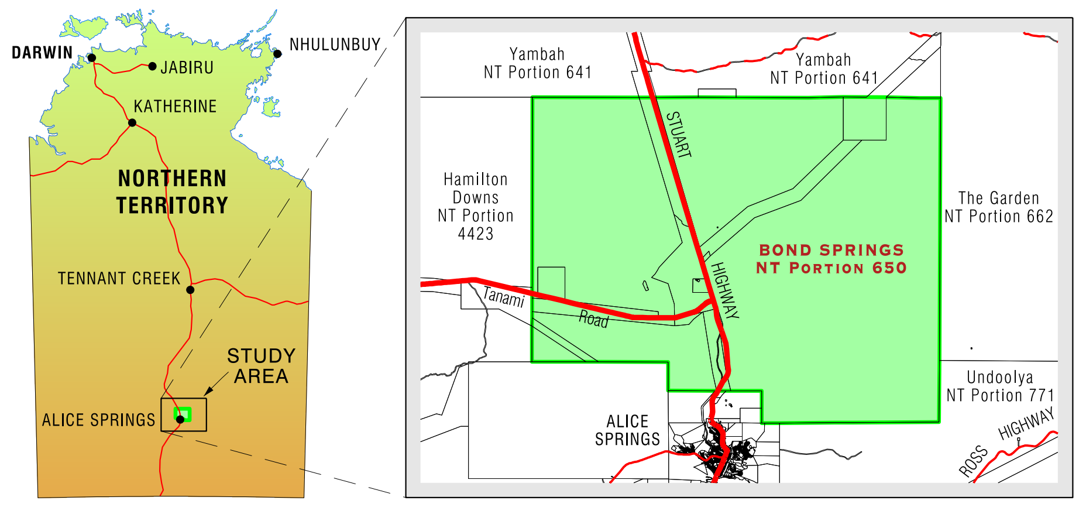
Department of Environment, Parks and Water Security
Northern Territory of Australia.

Map Reference: Map_Bond-Springs-Stn_Land-Res_100k_m53
Drawing Number: **DEPWS 2022 059**
August 2022

MAP LOCALITY



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Limitations of use

Land Resource information has been derived from aerial photograph interpretation and field data collection describing landform, soil and vegetation. Mapping has been collected at a nominal scale of between 1:100 00 and 1:250 000. Enlarging this map beyond this scale will not provide further detail and is not recommended Final mapping is presented at a scale of 1:100 000. When assessing specific areas within the mapping it is recommended that a site inspection be undertaken to establish unmapped variations and to confirm the mapping accuracy on the ground.

Bibliographic Reference:

No Bibliographic Reference Found

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LAND RESOURCES of BOND SPRINGS STATION

NORTHERN TERRITORY GOVERNMENT