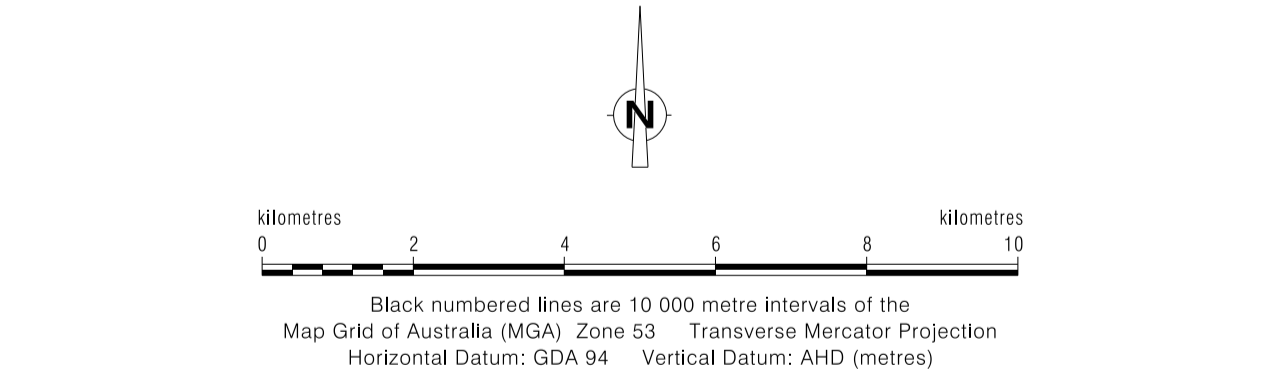
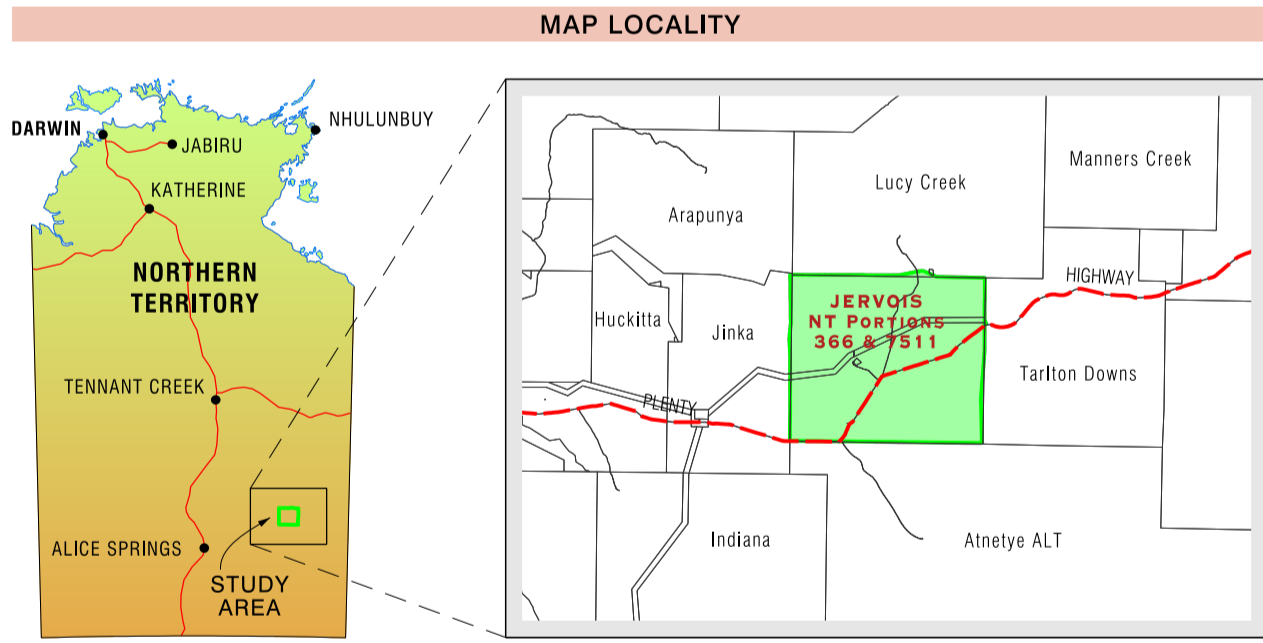


### LAND SYSTEM DESCRIPTIONS

| Land System             | Soil Code | Description  |
|-------------------------|-----------|--|
| <b>MOUNTAINS</b>        |           |  |
| Sonder                  | Ss        | Bold sandstone and quartzite ranges. Mainly bare rock with pockets of shallow soil. Sparse shrubs and low trees over Spinifex.   |
| <b>HILLS</b>            |           |  |
| Bond Springs 1          | Bs-1      | Ridges and hills with rocky outcrops of schist and gneiss. Soils undescribed. Sparse Mulga, Witchetty bush and Cassia over Woollyoat and Oat grasses. Mulga grass and Mountain wattle.   |
| Gillen                  | Gi        | Steep, quartzite capped sandstone ranges and hills with rocky slopes. Soils undescribed. Spinifex slopes.  |
| Hann 1                  | Hs-1      | Steeply tilted sandstone and quartzite ranges and ridges. Soils undescribed. Scattered Mulga and Gidgeya over Spinifex, scattered grasses and forbs.   |
| Jinka 5                 | Jk-5      | Quartz reef ridges. Soils undescribed. Cassias and sparse annual grasses and forbs.  |
| <b>LOW HILLS</b>        |           |  |
| Allua                   | Al        | Low dolomite and limestone strike ridges. Calcareous sandy loams. Witchetty bush over Oat and Limestone oat grasses.   |
| Bond Springs 2          | Bs-2      | Low stony hills and gravelly plains with occasional schist outcrops. Soils undescribed. Mulga grass and Woollyoat grass beneath scattered Cassias.   |
| <b>RISES</b>            |           |  |
| Hann 2                  | Hs-2      | Stony slopes and rises associated with Hs-1 strewn with quartzite and sandstone and shallow creeks. Shallow sandy loams on gentle slopes, rock outcrop and stony shallow soils on stony rises, and clay loams in shallow creeks. Open trees of Whitewood, Ironwood and Bloodwood over Woollyoat grass. Mulga grass and scattered Curly Windmill and Umbrella grass on gentle slopes. Stony rises with Witchetty Bush and Green-Leaf Cassia over sparse Woollyoat grass and Mulga grass.    |
| Hann 5                  | Hs-5      | Lower slopes and foothill fans below Hs-1. Sandy to clayey loams strewn with residual quartzite and chert. Open Gidgeya, Mulga and Cassias over annual grasses and forbs such as Buttongrass, Purple plume grass and Buckbush.   |
| Lucy 2                  | Ls-2      | Ridges, foothill fans and stony plains. Shallow, stony calcareous soils. Scattered Gidgeya and Witchetty bush.   |
| Unca                    | Uc        | Gravelly rises with exposed granite outcrops on ridges. Soils undescribed. Scattered Mulga, Gidgeya, Witchetty bush and Cassias over Purple plume grass, Mulga grass, Kerosene grass and Buckbush.   |
| <b>PLAINS</b>           |           |  |
| Jinka 1                 | Jk-1      | Undulating plains strewn with quartz and occasional watercourses. Soils undescribed. Sparse Whitewood and Bloodwood over casitas and annual grasses. Golden beard grass and Silky browntop in watercourses.  |
| <b>ALLUVIAL PLAINS</b>  |           |  |
| Alcoota                 | Ac        | Undulating plains. Red earths and areas with heavier clay loams and texture contrast soils. Sparse Mulga, Bloodwood and Whitewood over Mulga and Woollyoat grasses and minor perennial grasses. Areas of heavier clay loams and texture contrast soils with abundant perennial grasses (Curly windmill, Umbrella, Neverfall and Mitchell).   |
| Delny                   | De        | Alluvial plains. Clay loam soils and erodible texture contrast soils. Open Gidgeya on clay loam soils. Erodible cottonbush flats with texture contrast soils. Mitchell grass and mixed forbs along gully margins with Curly windmill grass beneath trees. Annual grasses and forbs abundant after good rain.   |
| Dinkum                  | Di        | Sandy alluvial plains with minor depressions. Sandy soils. Sparse Mulga, Whitewood, Ironwood and Bloodwood. Palatable annual grasses with Golden beard grass in depressions.   |
| Kanandra                | Ks        | Broad sandy to sandy loam plains. Sandy to sandy loam. Ironwood and Witchetty bush over Woollyoat, Mulga and Kerosene grasses and mixed forbs. Sandier areas adjacent to watercourses and creeks have Ironwood, Corkwood and Whitewood over Golden beard grass, Woollyoat and annual herbage.  |
| Kanandra/Sandover       | Ks/Sa     | Sandy alluvial level to slightly hummocky plains and sandy river levees and river banks and alluvial basins. Loamy sands and sandy loams on hummocky plains, red sandy clay loams on plains, and coarse textured sands on river levees and banks. Open stands of Whitewood, Ironwood, Corkwood, Mulga, Witchetty bush, Firebush and Picky wattle over Kerosene grass, Woollyoat, Golden beard grass and Oat grass. Curly windmill grass adjacent to larger trees on sandy hummocky plains. |
| Lucy 1                  | Ls-1      | Undulating plains with thin over beds of slate. Calcareous red and yellow earths. Treeless plains with annual grasses and forbs beneath scattered Witchetty bush.  |
| Lucy 3                  | Ls-3      | Fertile valley floors and creek flats. Soils undescribed. Ghost Gums and Ironwood over perennial grass near channels with Gidgeya on outer areas.  |
| <b>SAND PLAINS</b>      |           |  |
| Amulda                  | Au        | Sandplains, minor depressions. Sands and sandy loams. Blue Mallee over Spinifex. Palatable perennials in occasional depression areas.  |
| Kanandra/Singleton      | Ks/Sn     | Broad sandy to sandy loam plains and red clayey sands spinifex sand plains with very small areas of broad drainage depressions. Sand to sand loams or red clayey loams on plains, and Witchetty bush over Woollyoat, Mulga and Kerosene grasses and mixed forbs. Red clayey plains with Spinifex and sparse trees and shrubs including Mulga, Mallee, Desert oak and Beewood.  |
| Leahy                   | Le        | Sandy plains with minor small alluvial basins. Sandy soils. Mulga and Blue mallee over Spinifex. Gidgeya with Coolbush on the small alluvial basins.   |
| Singleton               | Sn        | Sand plains. Sandy soils. Spinifex covered sandplain with Blue mallee, Umbrella bush and Desert grasses.   |
| Woodduck                | Wo        | Flood-outs. Red clayey sands. Mixed woodland of Beewood, ghost gums, Whitewood and Ironwood over a variety of palatable grasses and herbage.   |
| <b>DRAINAGE SYSTEMS</b> |           |  |
| Sandover                | Sa        | Sandy levees and plains adjacent to the Plenty River and larger creeks. Sandy soils. Ironwood, Picky wattle and Corkwood over Golden beard, Woollyoat, Creek windmill and Sandhill canegrass.  |

**Bibliographic Reference:**  
Associated report has not been located.  
Descriptions are derived from original map.  
Mapped: G. Campbell, Drawn: S. T. 15/7/1991  
Department of Primary Industry and Fisheries,  
Alice Springs, Northern Territory.

**Please Note:**  
Condition reports are generally not available.  
Access requests should be directed to  
Ant ZONE Research Institute Library  
in Alice Springs.  
Email: azri.library@nt.gov.au



**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 1:100 000 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.

**Creative Commons Attribution 4.0 International Public License**  
This map was produced on the Geocentric Datum of Australia 1994 (GDA 94)  
©Northern Territory Government

**For further information contact:**  
Department of Environment, Parks and Water Security  
Director, Land Assessment, Rangelands Division  
Ph. (08) 8999 4478 Email: rangeland@nt.gov.au  
Level 1, Goydur Centre, 25 Chung Wah Terrace,  
Palmerston, Northern Territory of Australia  
Web: <https://depws.nt.gov.au>  
Geospatial Information: <https://rrmaps.nt.gov.au>

**Cartography by:**  
Deborah Mullin - Geospatial Services  
Department of Environment, Parks and Water Security  
Northern Territory of Australia.  
Map Reference: Map\_Jervois-Stn\_Land-Res\_100k\_m53  
Drawing Number: **DEPWS 2022 040**  
August 2022

### GENERAL FEATURES

|                      |                      |                |
|----------------------|----------------------|----------------|
| Land unit boundary   | Water Bore           | Bonyia Bore    |
| Limit of Mapping     | Dam                  | Dam            |
| Property boundary    | Tank                 | Mulga Tank     |
| Minor community      | Stock Yard           | Yard           |
| Pastoral homestead   | Vertical obstruction | Tower          |
| Family outstation    | Water pipeline       | Unka Waterhole |
| Minor road: sealed   | Waterhole            | Bonyia Hill    |
| Minor road: unsealed | Drainage             | Spot height    |
| Local road: track    | Relief Feature       | Relief ridge   |
| Landing ground       | Relief ridge         |                |
| Fence                |                      |                |

**General features data sources:**  
Department of Infrastructure, Planning and Logistics, Northern Territory of Australia.  
Pastoral Infrastructure: Department of Environment, 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.

**ATNETYE ABORIGINAL LAND TRUST**  
NT Por 4333

**TARLTON DOWNS**  
NT Por 367

**JERVOIS NT Por 7511**

**JERVOIS**  
NT Por 366

**ORTIPA-THURRA ABORIGINAL CORPORATION**  
NT Por 2957

**NT Por 7558**

**NT Por 1152**

**NT Por 3404**

**LUCY CREEK**  
NT Por 686

**MAPERTE ABORIGINAL CORPORATION**  
NT Por 4450

**ARAPUNYA**  
NT Por 481

**JINKA**  
NT Por 482