

LAND RESOURCES of WOODGREEN STATION (Astartinga) & WOODGREEN CONSERVATION RESERVE

The name, Astartinga Station, was also used as a local reference for the property.



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Web: http://lrmmaps.nt.gov.au Map Reference: Woodgreen-Stn_Land-Resources

Land resource information on Woodgreen Station was created using satellite imagery classification with limited field survey work undertaken in 1988, describing landform, soil and vegetation. Mapping has been prepared at a scale of 1:100 000 and should not be used beyond this scale and enlarging this map beyond this scale will not provide further detail. A site inspection should always accompany mapping for specific areas.

BIBLIOGRAPHIC REFERENCE:

Fisher, R. (1998) *THE LAND RESOURCES OF ASTARTINGA STATION* (Map and Legend only)

TECHNICAL REFERENCES:

McDonald, R.C., Isbell, R.F., Speight, J.G., Walker, J., and Hopkins, M.S. (1990). *'AUSTRALIAN SOIL AND LAND SURVEY HANDBOOK'*. Second edition (Inkata Press, Melbourne).
Isbell R.F (1996). *'THE AUSTRALIAN SOIL CLASSIFICATION'*. CSIRO Publishing, Melbourne.

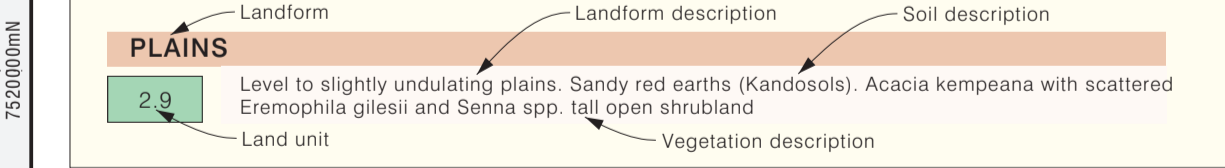
kilometres 0 2 4 6 8 10 kilometres
Black numbered lines are 10 000 metre intervals of the Map Grid of Australia (MGA) Zone 53
Transverse Mercator Projection
Horizontal Datum: GDA 94



LAND UNIT DESCRIPTIONS

- LOW HILLS**
 - 1.1 Low, granite hills. Gravely, coarse textured lithosols, (Leptic Rudosols). Acacia kempeana with Corymbia opaca and Eremophila freelingii tall sparse shrubland
 - 1.2 Hills and ridges of gneiss. Gravely, medium textured lithosols, (Leptic Rudosols). Acacia kempeana, Eremophila freelingiana Senna artemisioides subsp. artemisioides tall sparse shrubland
- RISES**
 - 1.6 Low quartzite rise. Gravely sandy red earths (Red Kandosols). Eremophila freelingii, E. latrobei and Senna artemisioides subsp. oligophylla mid high shrubland
- LOW RISES**
 - 1.3 Broad low rises. Gravely medium textured red earths (Red Kandosols). Acacia aneura and Acacia kempeana mid high sparse woodland
 - 2.5 Broad low rises. Sandy red earths (Kandosols). Acacia aneura with scattered Verticillago viminalis low open woodland
- PLAINS**
 - 1.4 Gently undulating plains. Sandy red earths (Red Kandosols). Senna artemisioides subsp. helmsii, Senna artemisioides subsp. oligophylla, and Acacia aneura mid high open shrubland
 - 1.5 Gently undulating plains. Sandy red earths (Red Kandosols). Acacia aneura and Acacia kempeana tall open shrubland
 - 2.1 Level to slightly undulating plains. Medium textured red earths (Red Kandosols). Acacia aneura with Corymbia opaca and Alalaya hemiglauca low groved open woodland
 - 2.2 Level plains. Red earths (Red Kandosols). Acacia aneura mid high woodland
 - 2.3 Level to slightly undulating plains. Red earths (Red Kandosols). Acacia aneura with isolated Corymbia opaca low open woodland
 - 2.4 Level to slightly undulating plains. Red earths (Red Kandosols). Acacia aneura and Hakea suberea low open woodland
 - 2.6 Level to slightly undulating plains. Sandy red earths (Kandosols). Acacia georginae low sparse open woodland
 - 2.7 Level to slightly undulating plains. Sandy red earths (Kandosols). Acacia kempeana with Acacia aneura, Hakea suberea tall open shrubland
 - 2.8 Level to slightly undulating plains. Sandy red earths (Kandosols). Acacia kempeana with Acacia tetragona and Senna artemisioides subsp. artemisioides tall open shrubland
 - 2.9 Level to slightly undulating plains. Sandy red earths (Kandosols). Acacia kempeana with scattered Eremophila gilesii and Senna spp. tall open shrubland
 - 2.10 Level to slightly undulating plains. Sandy red earths (Kandosols). Enneapogon polyphyllus, Tripogon loliformis and Fimbristylis dichotoma low sparse grassland
 - 2.11 Plains, quartz surface gravel. Sandy red earths (Kandosols). Acacia kempeana with Senna artemisioides subsp. nemophila tall open shrubland
- SAND PLAINS**
 - 3.1 Level to slightly undulating sand plains. Uniform earthy sands (Red-Orthic Tenosols). Triodia schinzii mid high sparse hummock grassland with Enchlystena tomentosa and Aristida hololatera
 - 3.2 Low longitudinal sand dunes. Uniform earthy sands (Red-Orthic Tenosols). Triodia schinzii mid high hummock grassland with Paraneurachne muelleri grasses
 - 3.3 Sand plains. Sandy red earths (Kandosols). Acacia aneura mid high open woodland
- DRAINAGE SYSTEMS**
 - 4.1 Broad shallow drainage lines. Sandy red earths (Kandosols). Acacia aneura with scattered Corymbia opacarinna mid high woodland
 - 4.2 Ephemeral watercourse. Sandy red earths (Kandosols). Acacia aneura, Alalaya hemiglauca, Acacia estrophiolata low open woodland
 - 4.3 Gently sloping plains with broad drainage and often saline soils. Sandy red earths (Kandosols). Acacia georginae mid high open woodland
 - 4.4 Drainage depressions with clay soils. Clay soils (Vertosols). Eucalyptus intertexta mid high open woodland
 - 4.5 Level to gently undulating plains. Sandy red earths (Kandosols). Acacia aneura with scattered Corymbia opaca low open woodland
- SWAMPS**
 - 4.6 Level to slight undulating plains with broad drainage channels. Sandy red earths (Kandosols). Enneapogon polyphyllus, Fimbristylis dichotoma and Dactyloctenium radicans low open grassland

Example of Land Unit Descriptions



Cartography by Spatial Data and Mapping, Water Resources Division, Department of Land Resource Management, Northern Territory of Australia February 2016

GENERAL FEATURES

- Land unit boundary
- Limit of mapping
- Property boundary
- Park / Reserve
- Pastoral homestead
- Outstation
- Highway, unsealed
- Main road, unsealed
- Local road / track
- Water Bore
- Dam
- Water pipeline
- Trough
- Yard
- Fence
- Drainage
- Lagoon / waterhole
- Relief feature
- Spot height
- Sand ridge

MAP LOCALITY

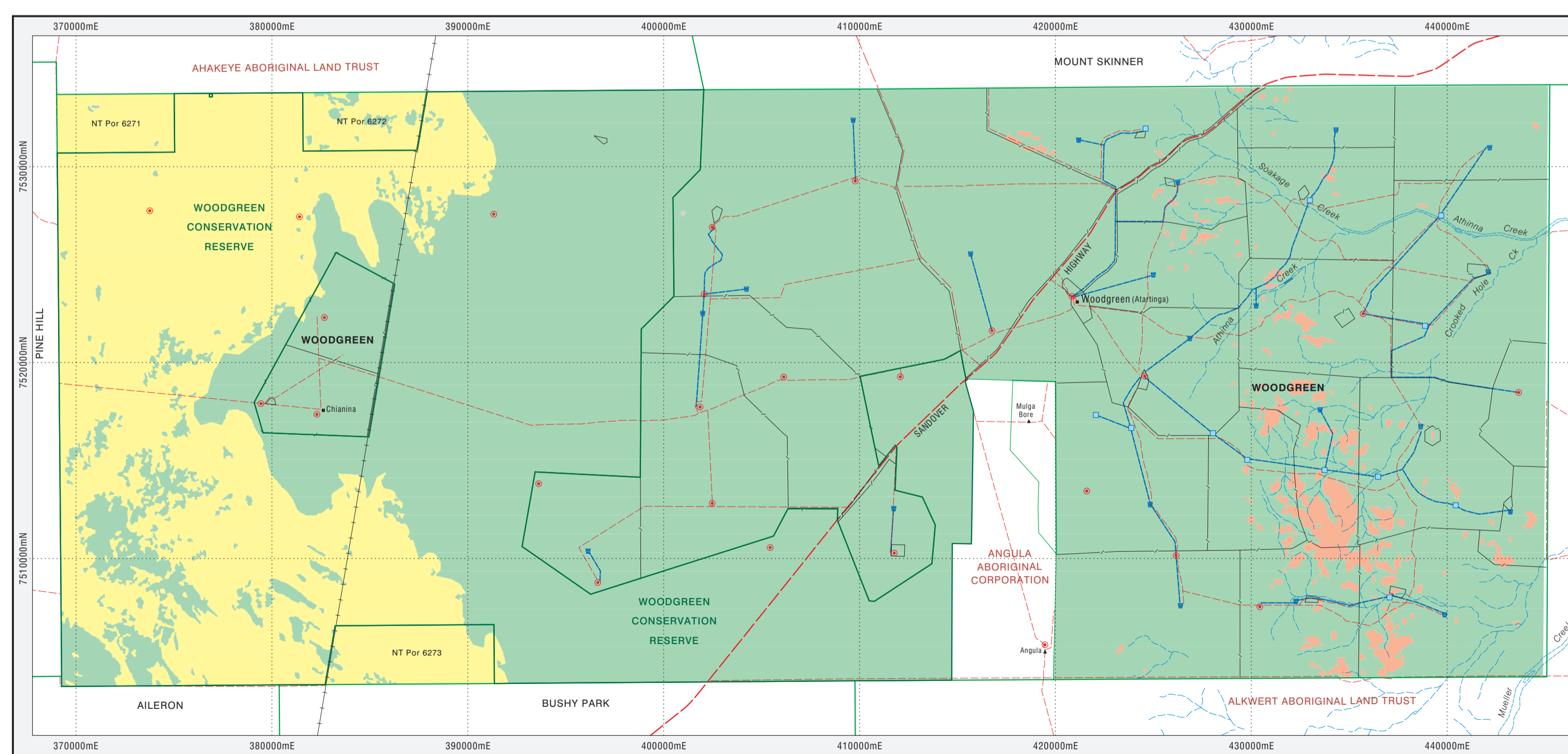
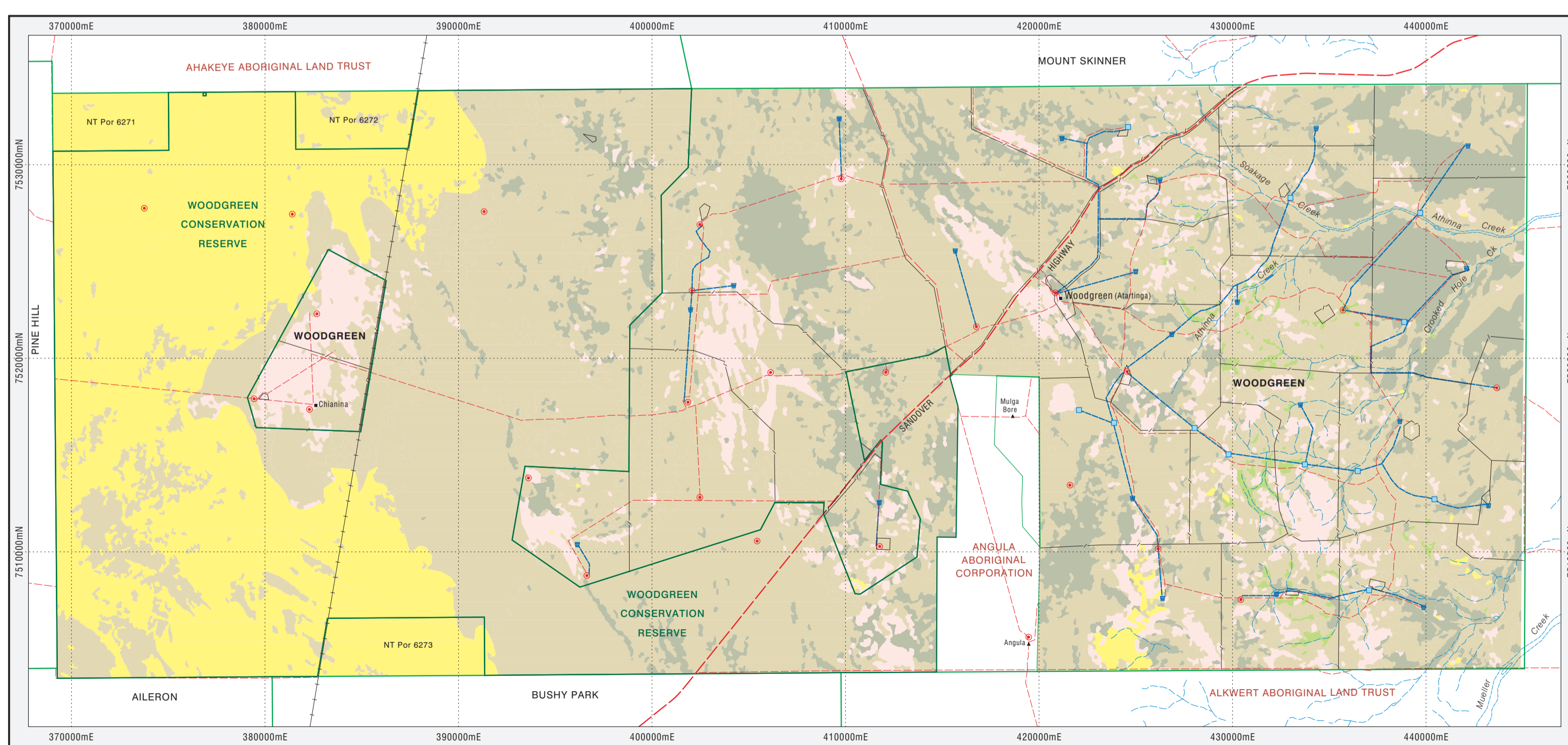
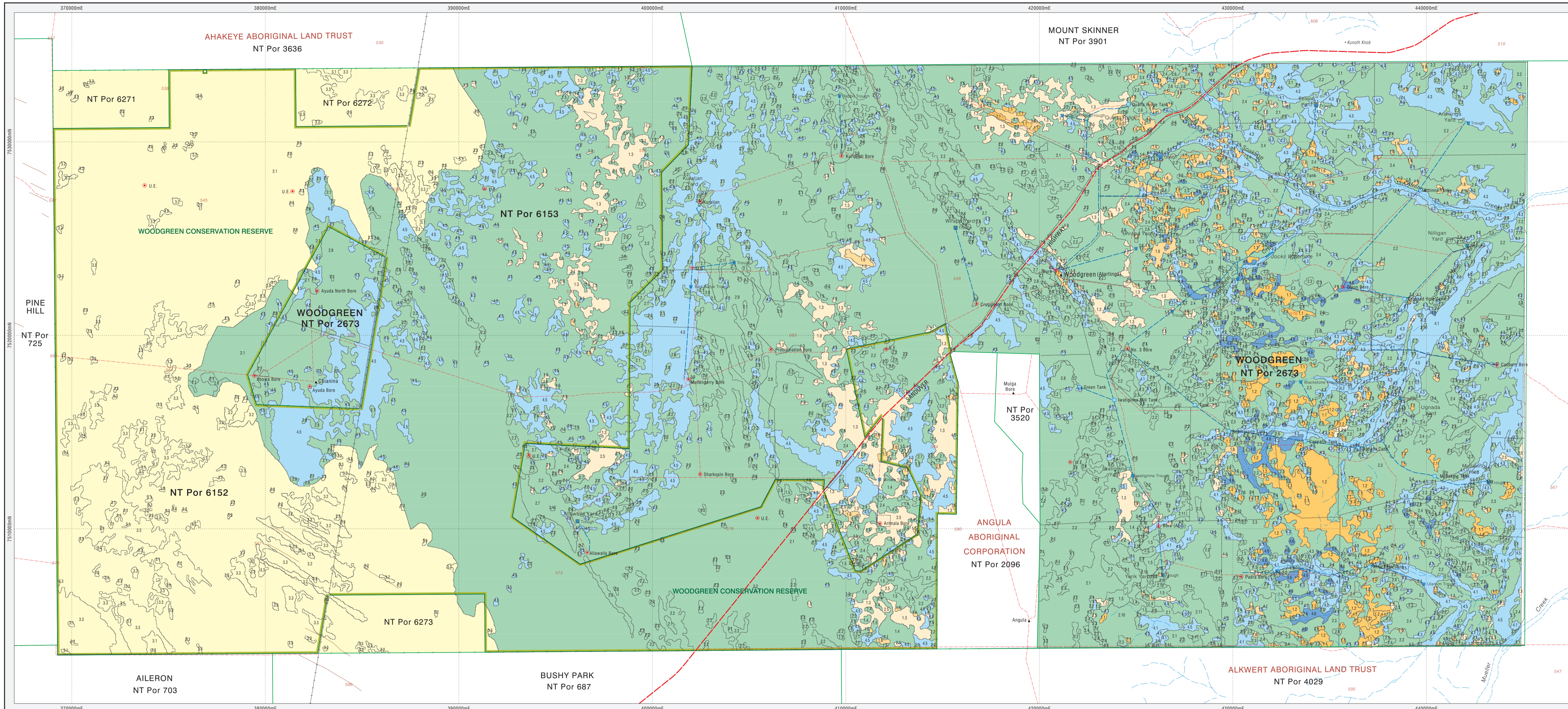
MAP LOCALITY & INDEX TO 1:250 000 MAP SHEETS

Legend for Vegetation Classes:

- Woodland
- Open woodland
- Shrubland
- Grassland
- Hummock grassland

Legend for Soil Types:

- Kandosols
- Rudosols
- Tenosols



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