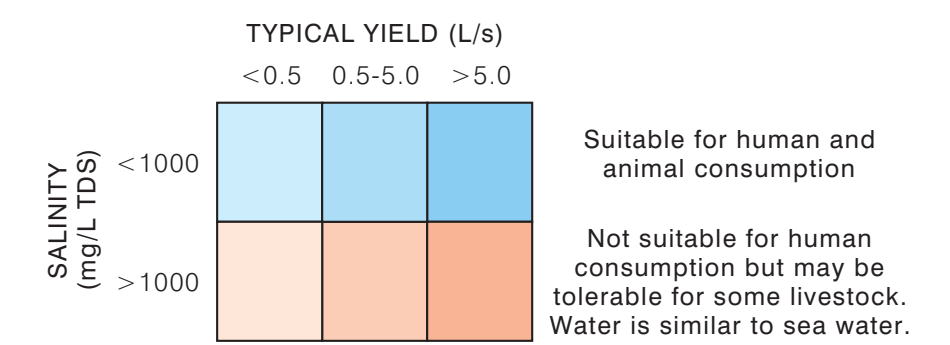


# WATER RESOURCES MAP of KOOLPINYAH

## 1 : 100 000

### MAP SHEET 5173

#### GROUNDWATER SALINITY and YIELD



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#### HYDROGEOLOGY

- |  |   |
|--|---|
| <p><b>CARBONATE - FRACTURED ROCKS</b></p> <p>- yield &gt;5.0 L/s</p> <ul style="list-style-type: none"> <li>Bathurst Island Formation/ Koolpinyah Dolomite</li> <li>Esd Dolomite, unnamed</li> </ul> <p><b>FRACTURED WEATHERED ROCK AQUIFERS</b></p> <p>- yield 0.5 to 5.0 L/s</p> <ul style="list-style-type: none"> <li>Esk Koolpin Formation</li> <li>Epi Whites Formation</li> </ul> | <p><b>FRACTURED WEATHERED ROCKS WITH MINOR GROUNDWATER RESOURCES</b></p> <p>- yield &lt;0.5 L/s</p> <ul style="list-style-type: none"> <li>Qca Quaternary mud; silt; clay</li> <li>Epw Wildman Siltstone Formation</li> <li>Epa Acacia Gap Member</li> <li>Edz Zamu Dolomite</li> <li>Awg Woolmer Granite</li> <li>Ar Rum Jungle Complex</li> <li>Apd Dirty Water Metamorphics</li> </ul> |
|--|---|

#### LEGEND

- Geological formation boundary
- Surface water catchment divide
- Surfacewater catchment name
- Water bore
- Stream gauging station
- Rainfall gauging station
- Watercourse
- Dam or water-hole
- Perennial Spring
- Major road
- Secondary road
- Minor road
- Property boundary
- Landing ground
- Municipal / Shire boundary
- Park / reserve boundary
- Gas pipeline
- Proposed railway
- Mangrove - underlain by salt water

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



Black numbered lines are 10000 metre intervals of the Map Grid of Australia (MGA), Zone 52 Universal Transverse Mercator Projection Horizontal Datum: GDA 94 Vertical Datum: AHD (metres)

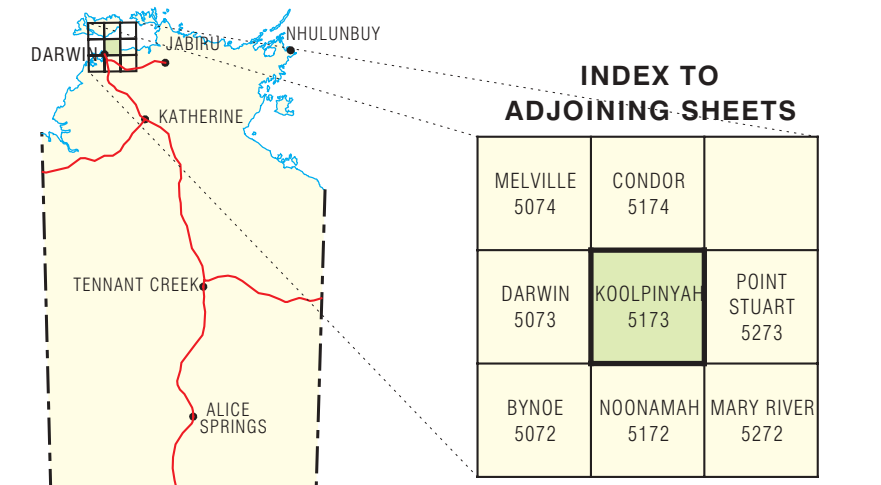
Hydrogeology by M. N. Verma, Cartography by L. Fritz, Project coordination by P. Jolly, Natural Systems Division, Conservation and Natural Resources Group, Department of Infrastructure, Planning and Environment.

Prepared and produced by the Conservation and Natural Resources Group, Department of Infrastructure, Planning and Environment, Northern Territory of Australia.

EDITION 2 - APRIL 2004

Design File: Koolpinyah100k\_Wrs\_52m  
 Plot File: Koolpinyah100k\_Wrs

#### MAP LOCALITY & 1:100 000 SHEET INDEX



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