HYDROGEOLOGY

CARBONATE - FRACTURED ROCKS

- yield >5.0 L/s

- Psd Carbonate Layer Formation
- Ppc Coomalie Dolomite Formation
- K / Ppk Bathurst Island Formation/ Koolpinyah Dolomite

FRACTURED WEATHERED ROCK AQUIFERS

- yield 0.5 to 5.0 L/s

- Psk Koolpin Formation
- Ppi Whites Formation
- Ppr Crater Formation

FRACTURED WEATHERED ROCKS WITH MINOR GROUNDWATER RESOURCES

- yield <0.5 L/s

- Qca Quaternary mud; silt; clay
- Pfb Burrell Creek Formation
- Pso Mount Bonnie Formation
- Psg Gerrowie Tuff Formation
- Pse Ella Creek Member
- Ppd Mount Deane Volcanic Member
- Ppw Wildman Siltstone Formation
- Ppa Acacia Gap Member
- Pdz Zamu Dolerite
- Ar Rum Jungle Complex

LEGEND

- Cadastral boundary
- Municipal boundary
- National Park Boundary
- River or Creek
- Water
- Gas pipeline
- Railway
- Mangrove

GDA

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

kilometres 0 1 2 3 4 5 10 kilometres

Black numbered lines are 10000 metre intervals of the Map Grid of Australia (MGA) Zone 52
Horizontal Datum ; Geocentric Datum of Australia 1994 (GDA 94)
Universal Tranverse Mercator Projection

Design File: Litchfield_GWrs_m52.dgn
Map Product: Coomalie-Council_Hyd-Geol.pdf
Location: Corporate\Water\Water_Res\Groundwater\Darwin_100\Products

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Prepared and produced by the
Spatial Data & Mapping Unit, Land and Water Division
Department of Natural Resources, Environment and the Arts
Northern Territory of Australia, February, 2008

NOTES:

This map should only be used for regional groundwater assessment and not for specific sites, individual blocks, investment or other purposes without further advice from the Land and Water Division, NRETA.

Local variations in supply will occur. The information shown on this map is subject to amendment on further investigations.

GROUNDWATER SALINITY and YIELD

SALINITY (mg/L TDS)	TYPICAL YIELD (L/s) <0.5	0.5-5.0	>5.0	
<1000				Suitable for human and animal consumption
>1000				Not suitable for human consumption but may be tolerable for some livestock. Water is similar to sea water. Mangroves are underlain by salt water.

For further information contact;
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Northern Territory Government

GROUNDWATER SUPPLY PROSPECTS and HYDROGEOLOGY of the COOMALIE COMMUNITY GOVERNMENT COUNCIL