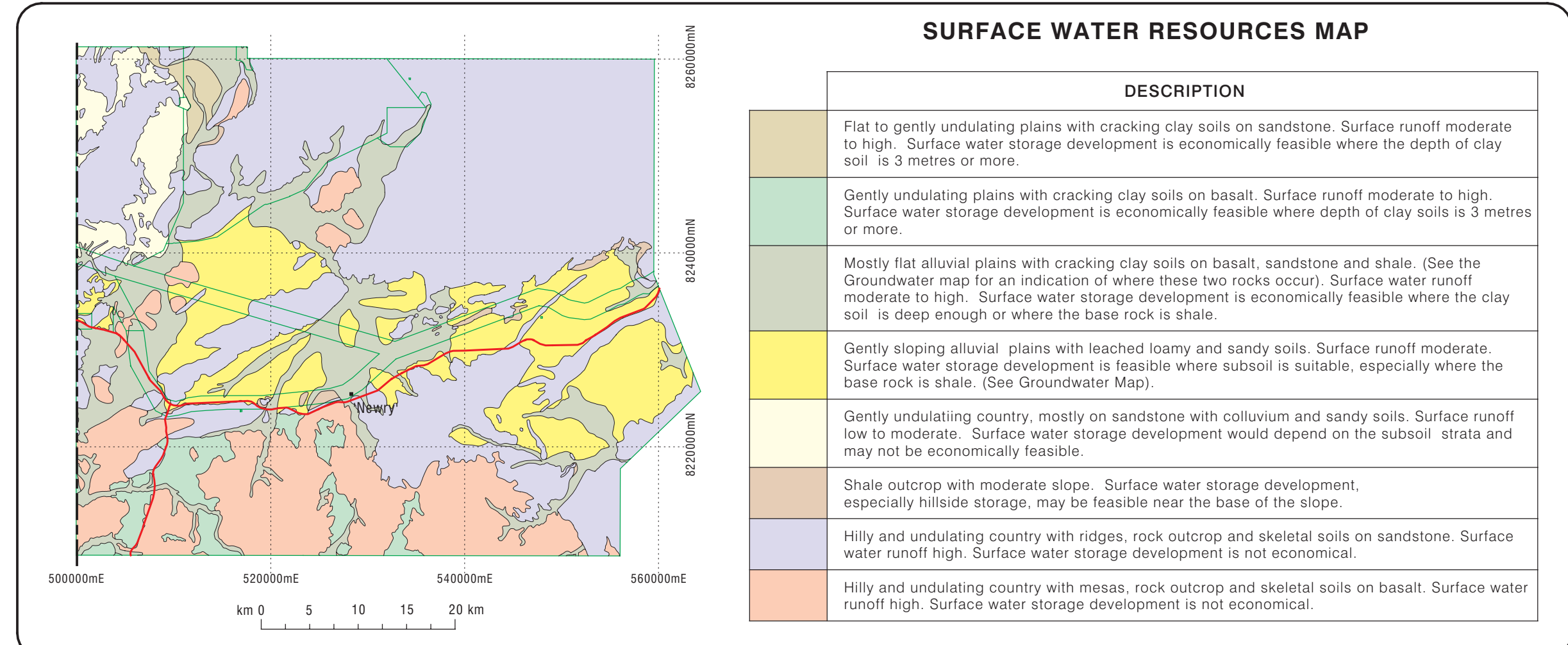
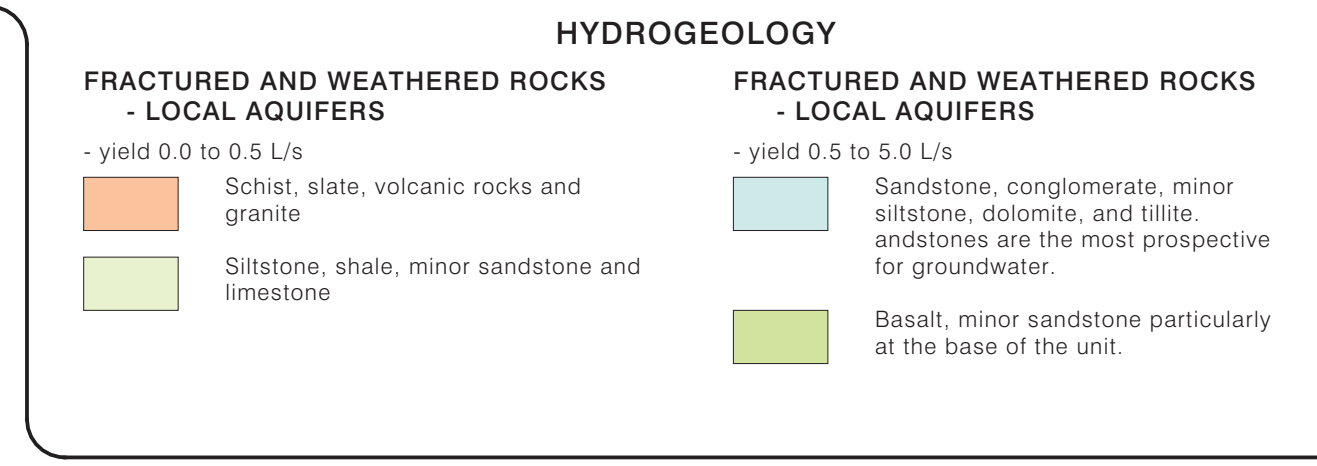
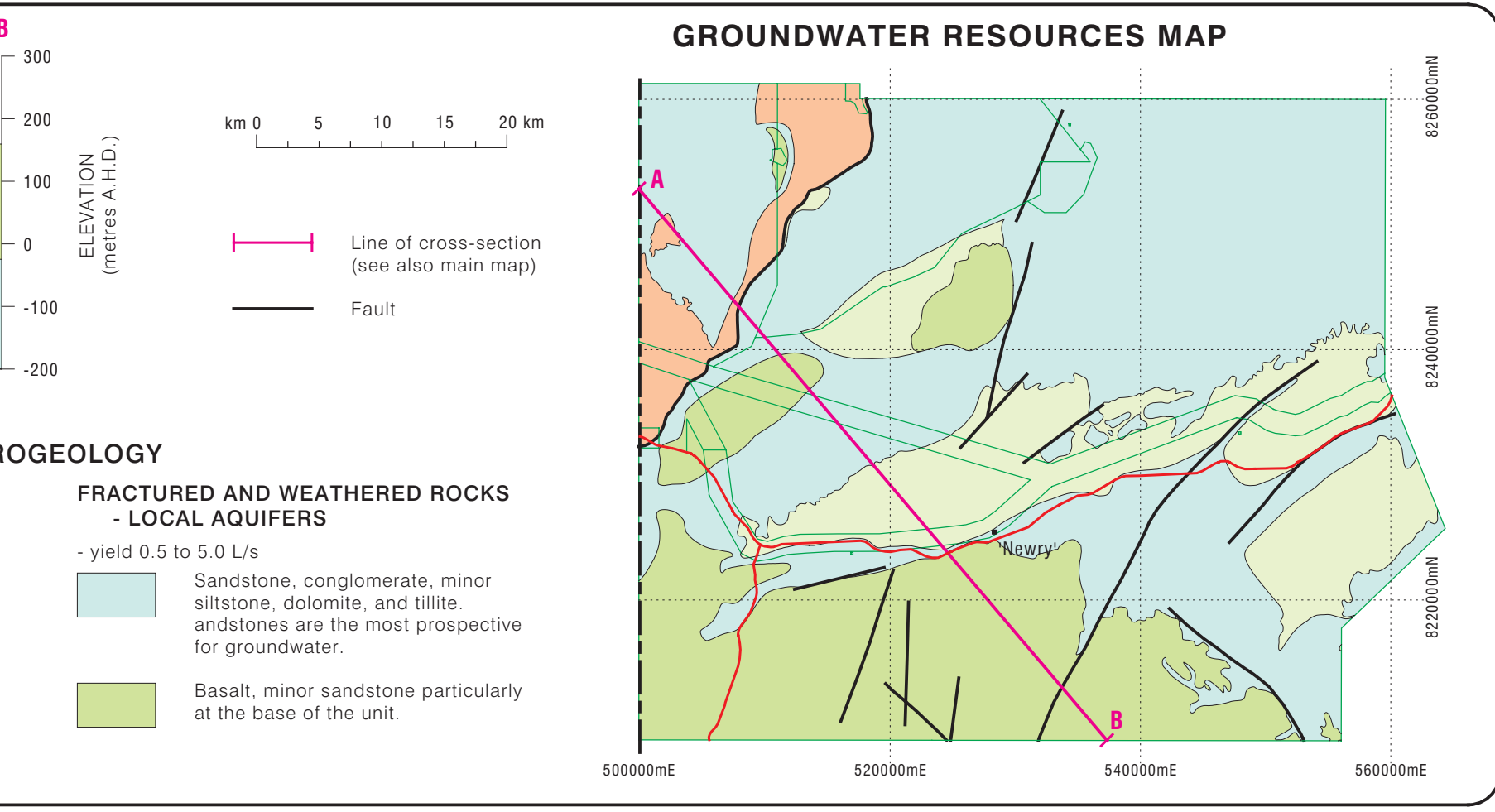
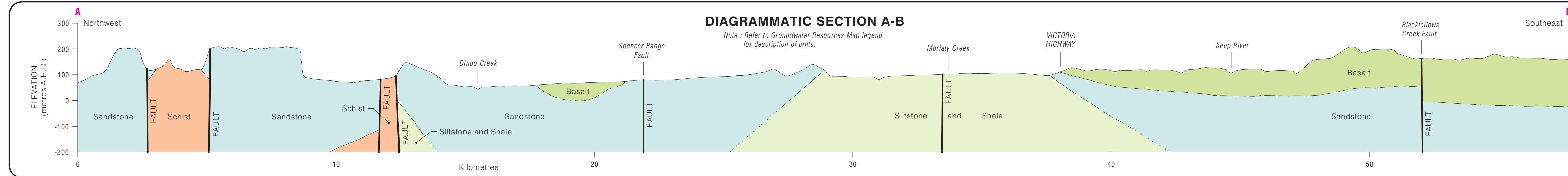


This product and all material forming part of it is copyright belonging to the Northern Territory of Australia. You may use this material for your personal, non-commercial use or use it within your organisation for non-commercial purposes, provided that an appropriate acknowledgement is made and the material is not altered in any way. Subject to the fair dealing provisions of the Copyright Act 1968, you must not make any other use of this product (including copying or reproducing it or part of it in any way) unless you have the written permission of the Northern Territory of Australia to do so.

The Northern Territory of Australia does not warrant that the product or any part of it is correct or complete and will not be liable for any loss damage or injury suffered by any person as a result of its inaccuracy or incompleteness.



This product and all material forming part of it is copyright belonging to the Northern Territory of Australia. You may use this material for your personal, non-commercial use or use it within your organisation for non-commercial purposes, provided that an appropriate acknowledgement is made and the material is not altered in any way. Subject to the fair dealing provisions of the Copyright Act 1968, you must not make any other use of this product (including copying or reproducing it or part of it in any way) unless you have the written permission of the Northern Territory of Australia to do so.

The Northern Territory of Australia does not warrant that the product or any part of it is correct or complete and will not be liable for any loss damage or injury suffered by any person as a result of its inaccuracy or incompleteness.

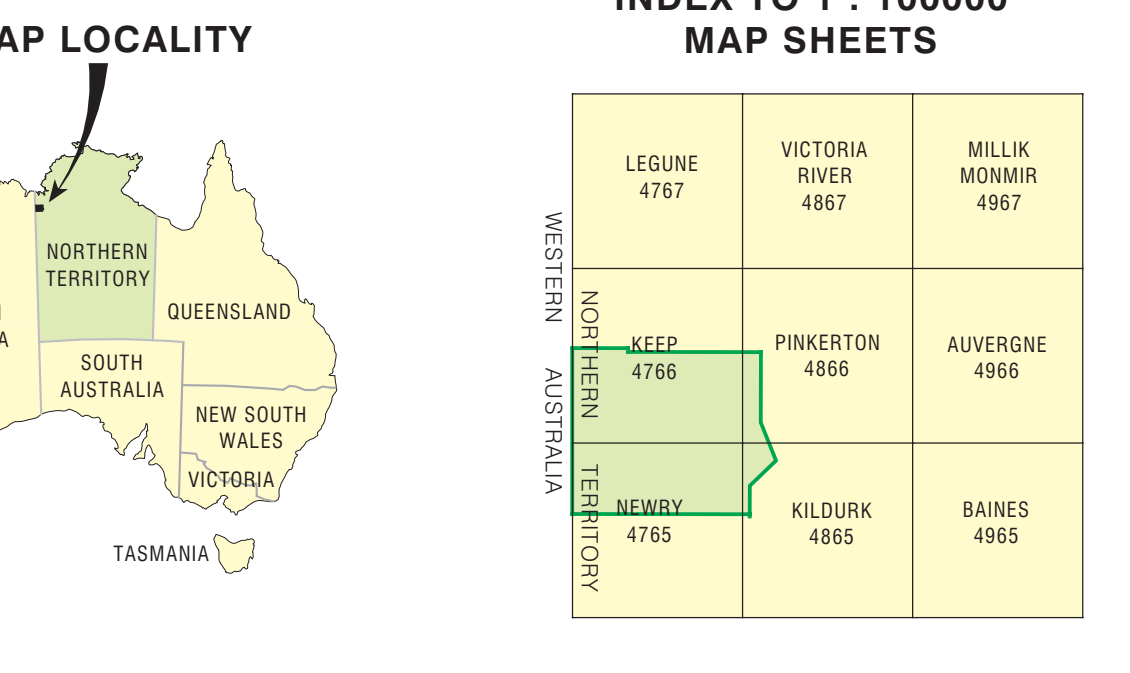
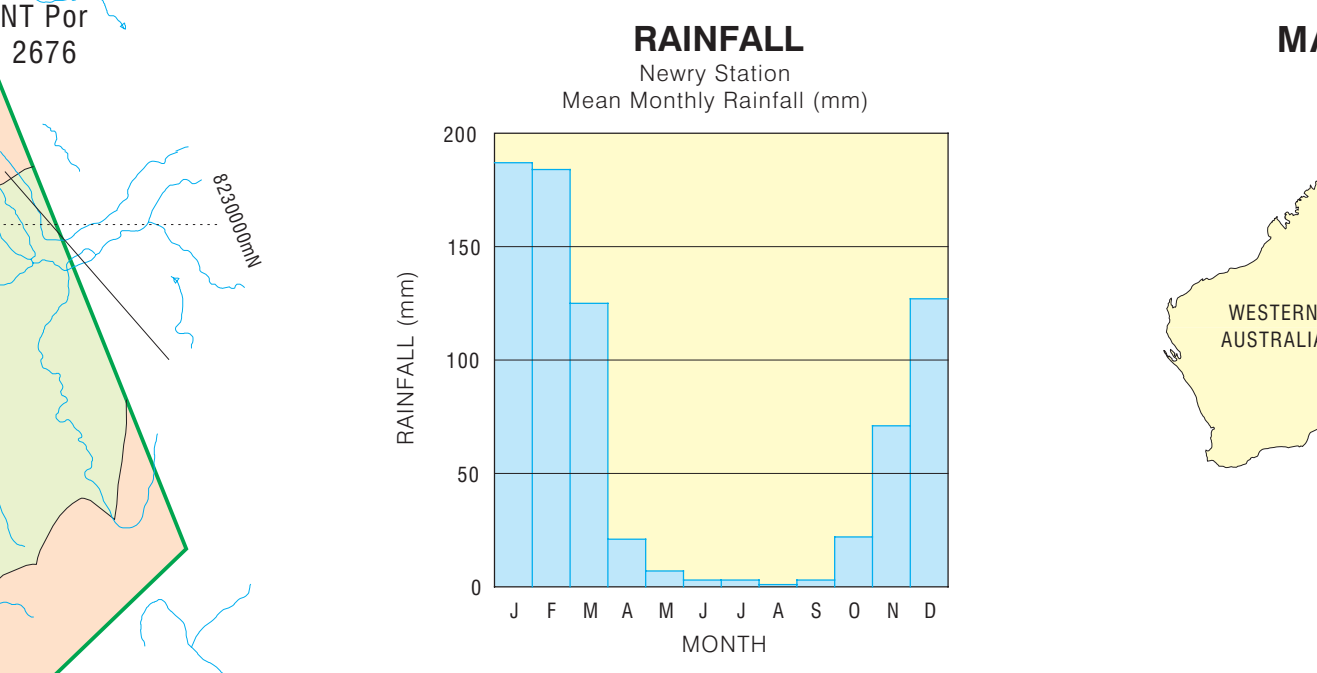
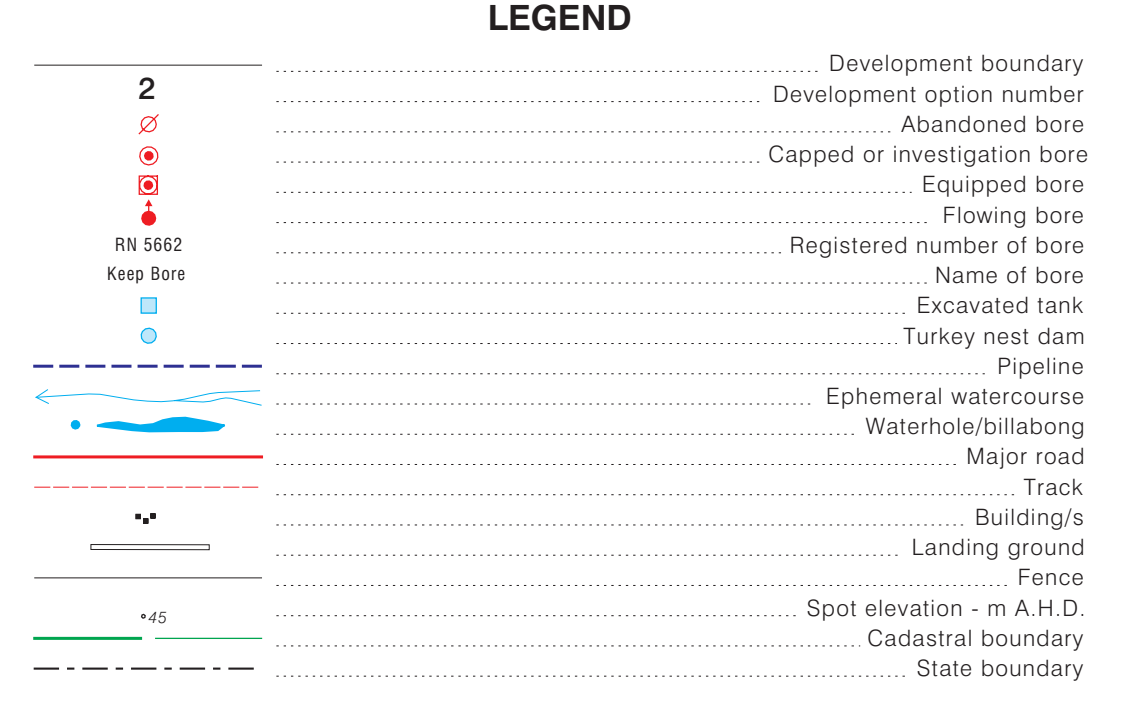
Infrastructure information partially taken from maps produced by the Pastoral Branch of the Department of Lands, Housing and Local Government, Northern Territory.

Cartography by L. J. Fritz, Geographic Information System Unit, Water Resources Division, Power and Water Authority.

Design File: Newry_Wrs-Map_a52 Plot File: Newry-Stn-Water-Resources

km 0 1 2 3 4 5 10 km

Black Numbered Lines are 10000 Metre Intervals of the Australian Map Grid, Zone 52 Projection: Universal Transverse Mercator Horizontal Datum: AGD66 Vertical Datum: Australian Height Datum



WATER RESOURCES DEVELOPMENT OPTIONS

	PREFERRED OPTION	DESCRIPTION
1	Piping from natural waterholes where present	Rocky ridge country with high runoff rates. Areas economically and/or physically unsuitable for artificial water supply development, however at the base of the escarpments and hills development of hillside storages may be possible where the base rock is shale.
2	Piping from remote areas	Hilly country with thin soils and no aquifers present. Economically unsuitable for water supply development.
3	Surface water storage or piping from waterholes or remote bores	Flat to undulating alluvial plains and minor laterite plains. Surface water storage development may be economically feasible where clay soils are underlain by shale. Viability is highly dependant on local site conditions. Moderate runoff. Cracking clay soils common in the vicinity of majorstreams. Groundwater supplies are locally available in a few specific locations.
4	Groundwater	Gently undulating to hilly basalt country. High runoff. Good probability of obtaining groundwater supplies of between 0.5 and 1.0 L/s at selected sites in basalt and sandstone. Black soil areas suitable for turkey nest construction.
5	Groundwater	Gently undulating to hilly country on sandstone or siltstone. Moderate probability of obtaining groundwater supplies of between 0.5 and 1.0 L/s at selected sites, targeting sandstone formations overlying the Anglian Siltstone.
6	Surface water or groundwater	Flat to undulating alluvial plains and minor laterite plains. Cracking clay soils common in the vicinity of major streams but variable elsewhere. Moderate probability of obtaining groundwater supplies of between 0.5 and 1.0 L/s at selected sites. Deep sandy soils occur in the Keep River National Park and are not recommended for surface water storage development. Surface water development is also highly dependant on local soil conditions.
7	Surface water or groundwater	Alluvial plains on Keep River, black cracking clay soils. Moderate to high runoff. Surface water storage development is feasible however local site conditions will determine suitability. Moderate probability of obtaining groundwater supplies of between 0.5 and 1.0 L/s at selected sites.

WATER RESOURCES DEVELOPMENT MAP OF

NEWRY STATION AND KEEP RIVER NATIONAL PARK,

including 'Policeman's Hole', 'Bucket Spring' and 'Bubble Bubble' Communities

