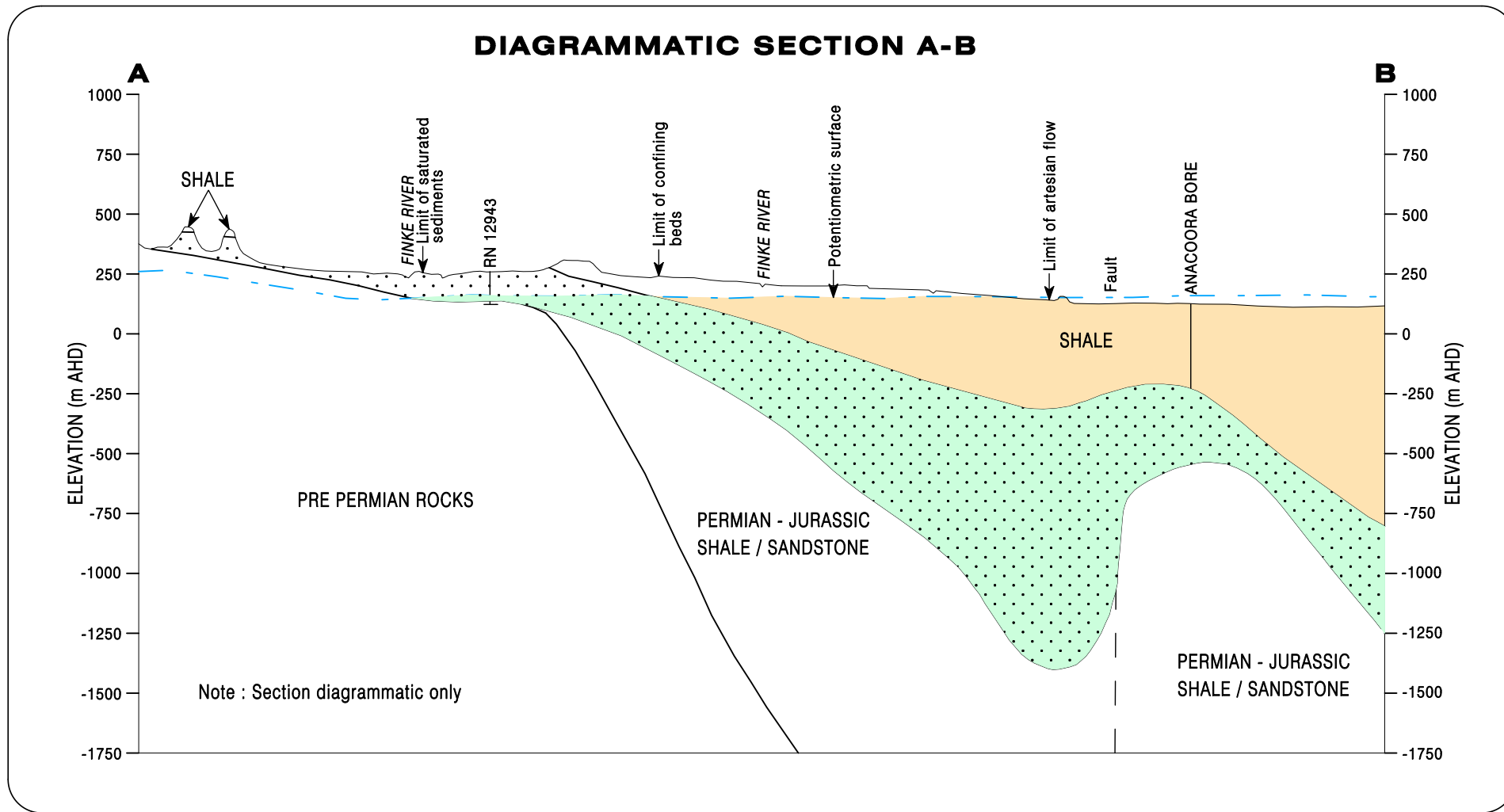


GREAT ARTESIAN BASIN

1 : 1 000 000 HYDROGEOLOGICAL MAP



HYDROGEOLOGY

The yield figures shown for each unit are for bores with appropriate location & construction.

SEDIMENTARY ROCKS - LOCAL AQUIFERS
- yield 0 to 5 L/s

Shale with local sandstone beds

SEDIMENTARY ROCKS - EXTENSIVE AQUIFERS
- yield more than 5 L/s

Fine to coarse grained, quartzose sandstone, minor kaolin and siltstone

Mudstone overlying sandstone as above

Mudstone overlying sandstone as above - artesian flow expected

NB CAINOZOIC SEDIMENTS HAVE BEEN IGNORED

LEGEND

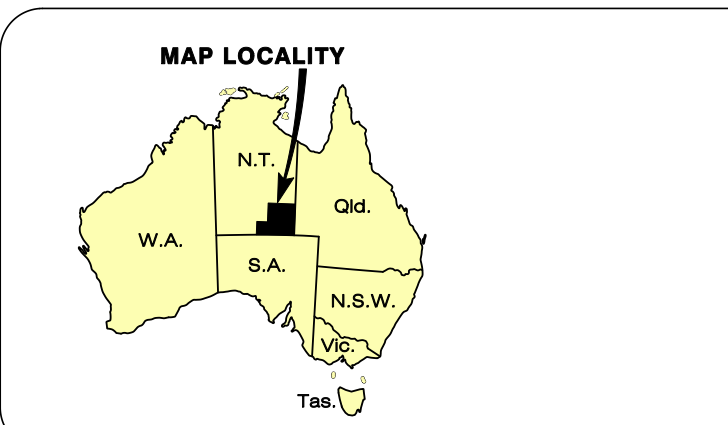
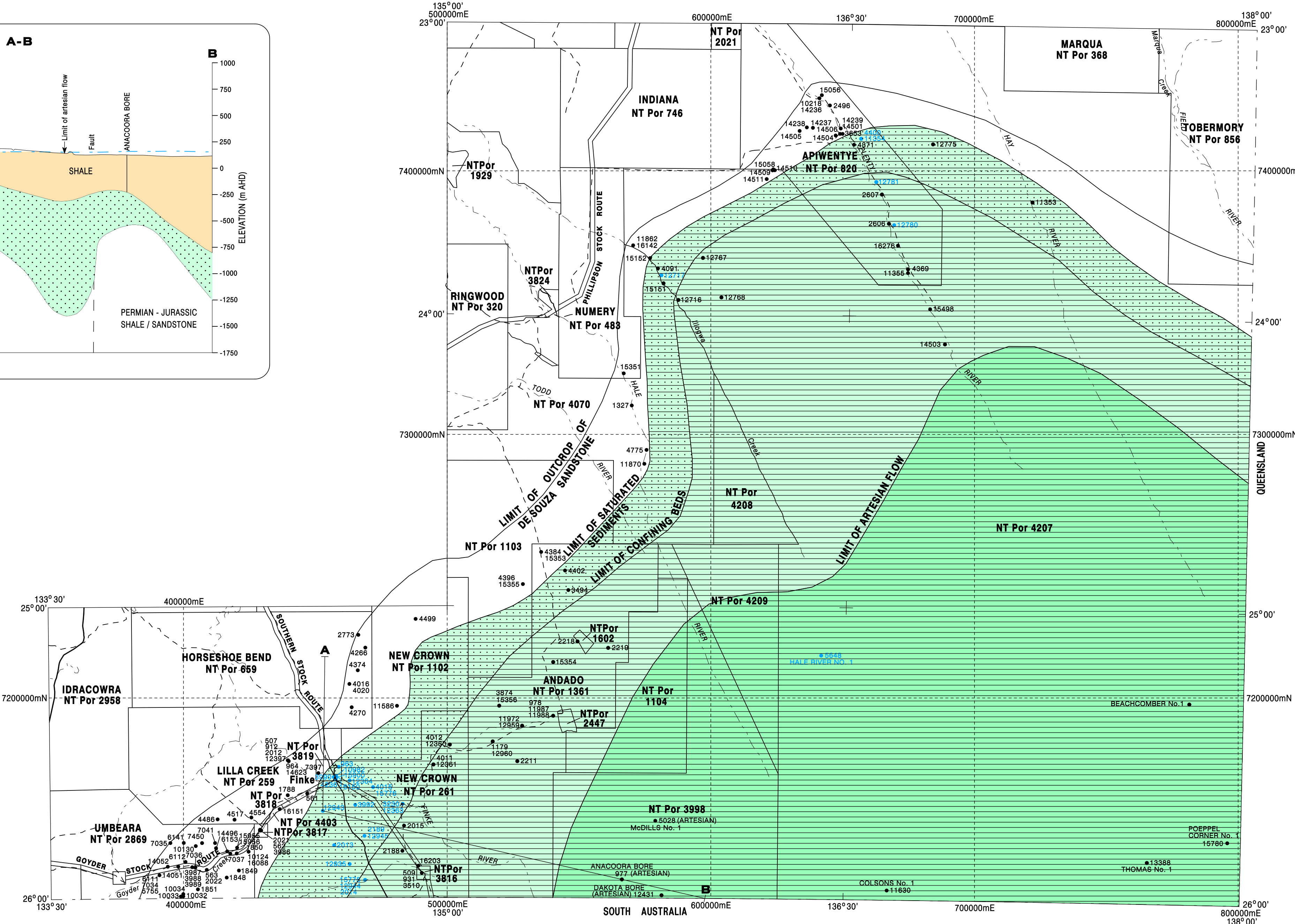
SURFACE WATER FEATURES
Watercourse

GEOLOGICAL FEATURES
Geological boundary
Line of cross-section

ARTIFICIAL FEATURES

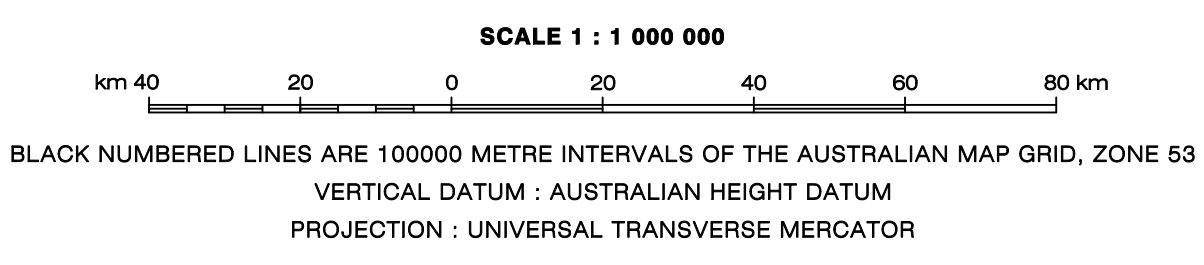
2022 Bore, TDS not known
2013 Bore, TDS less than 750
3874 Bore, TDS 750 - 2000
2219 Bore, TDS more than 2000

CADASTRAL FEATURES
Cadastral boundary
Track



1 : 250 000 SHEET INDEX

ALICE SPRINGS SF 53-14	ILLOGWA CREEK SF 53-15	HAY RIVER SF 53-16
RODINGA SG 53-02	HALE RIVER SG 53-03	SIMPSON DESERT NORTH SG 53-04
FINKE SG 53-06	McDILLS SG 53-07	SIMPSON DESERT SOUTH SG 53-08



WATER RESOURCES DIVISION

Department of Lands, Planning and Environment

Hydrogeology by I. Matthews.
Project Co-ordination by P. Jolly
Cartography by J. Fong, Geographic Information System Unit, Intergraph graphic applications. Refer gab_hyd.dgn.
Geology modified from maps of the Australian Geological Survey Organisation, Canberra, Australian Capital Territory.
Topographic data from the Australian Surveying and Land Information Group, Canberra, Australian Capital Territory.
Published and available from the Water Resources Division, Department of Lands, Planning and Environment, Darwin, Northern Territory, 1997.