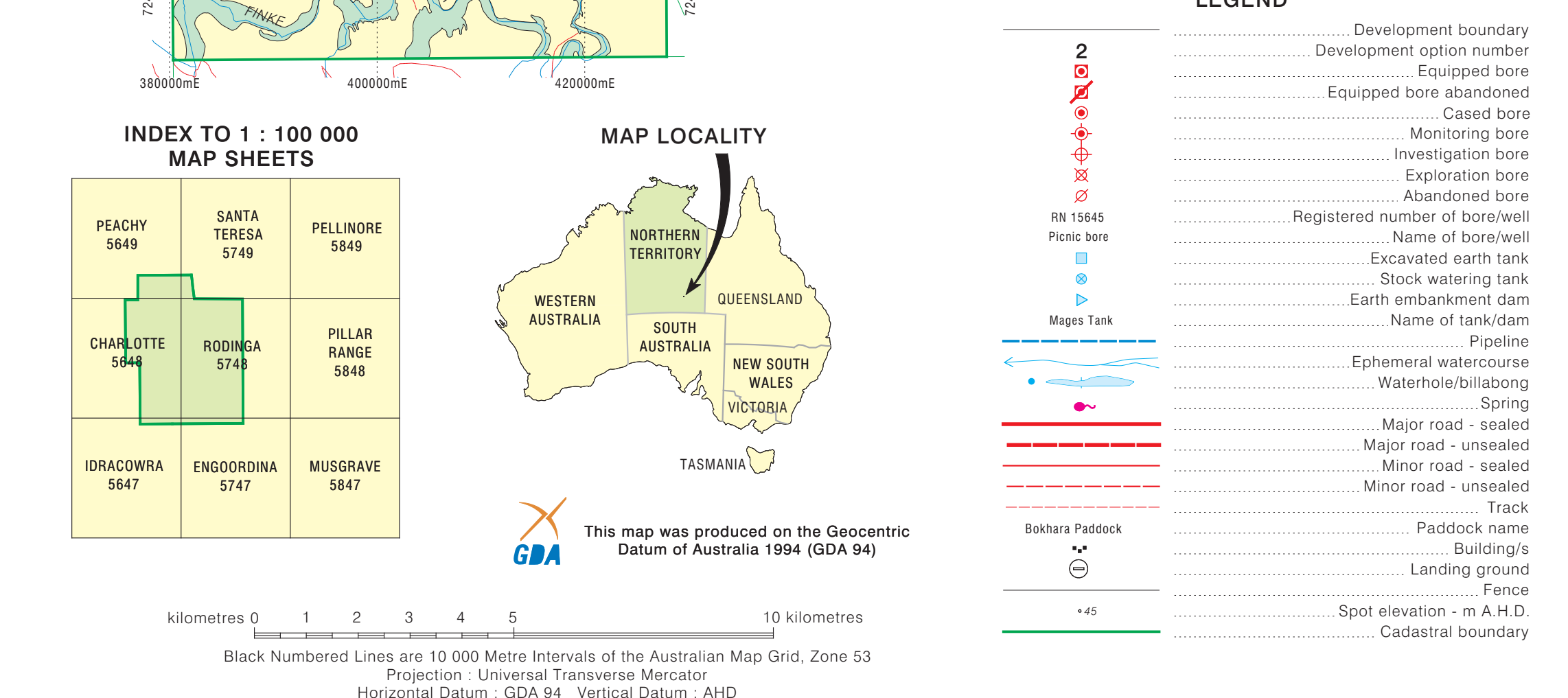
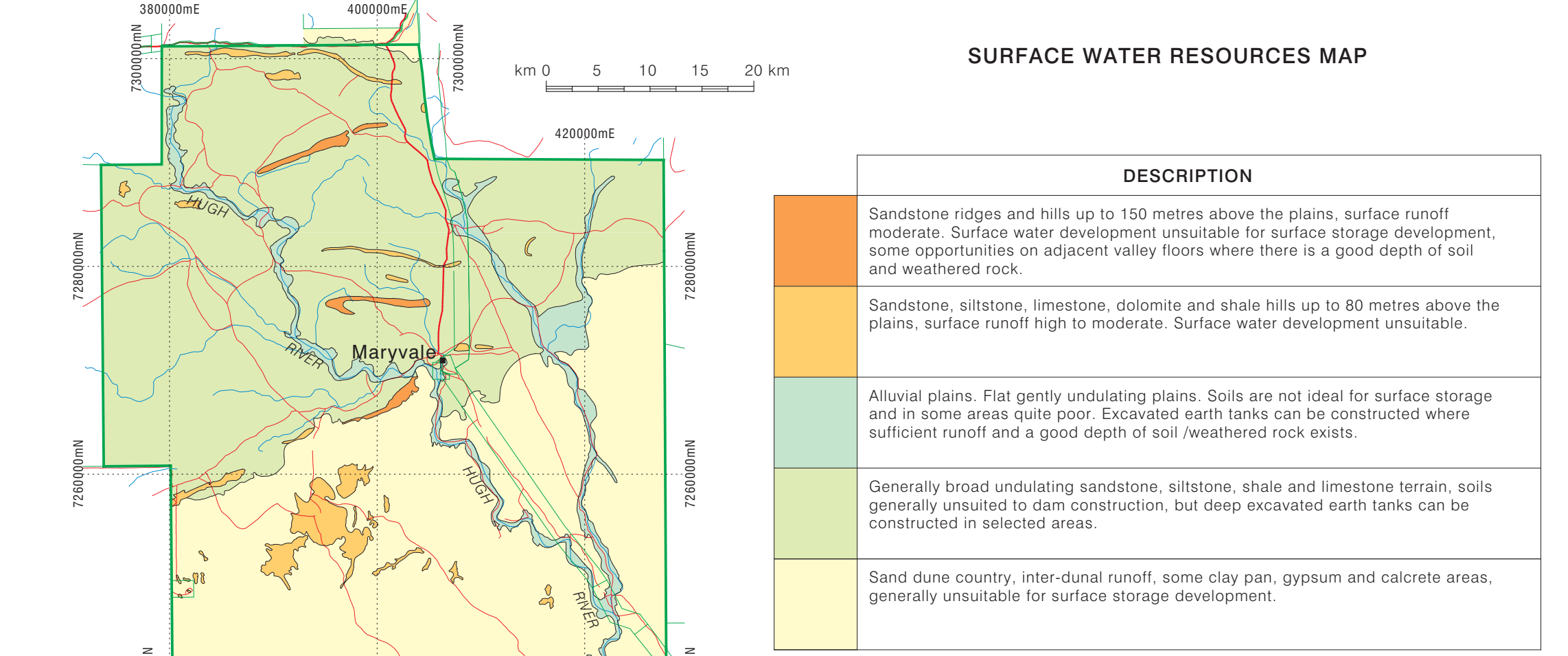
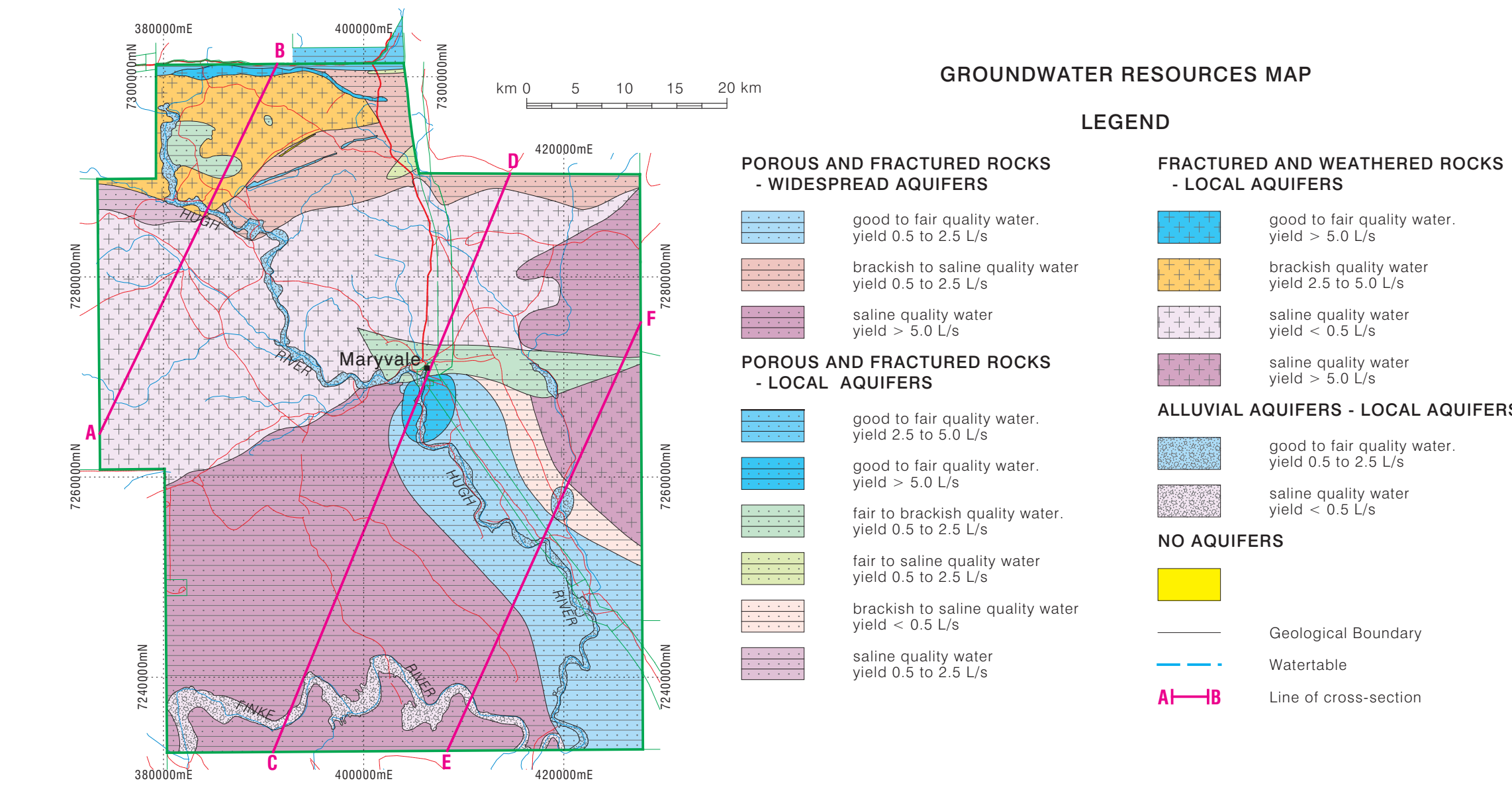
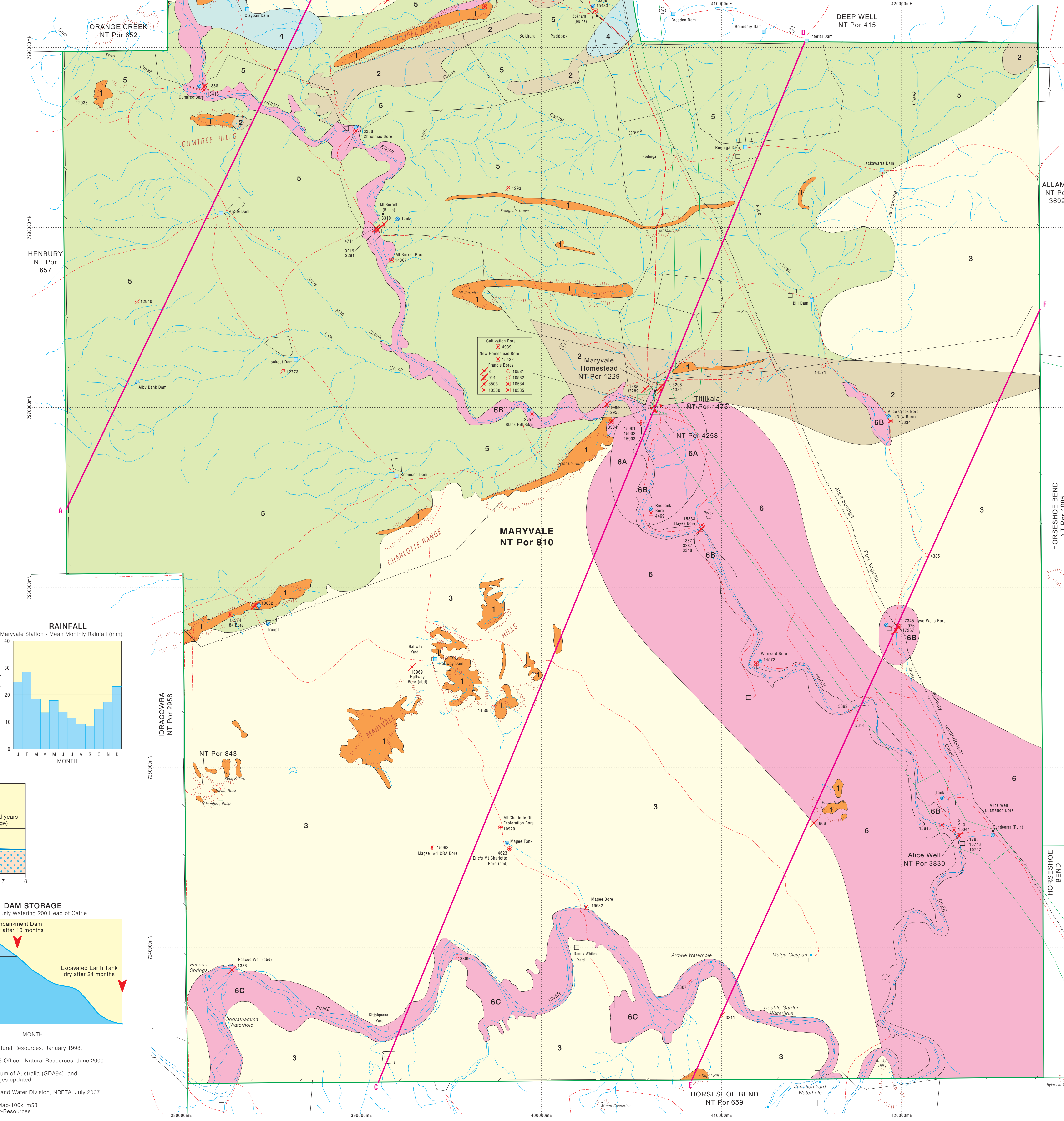
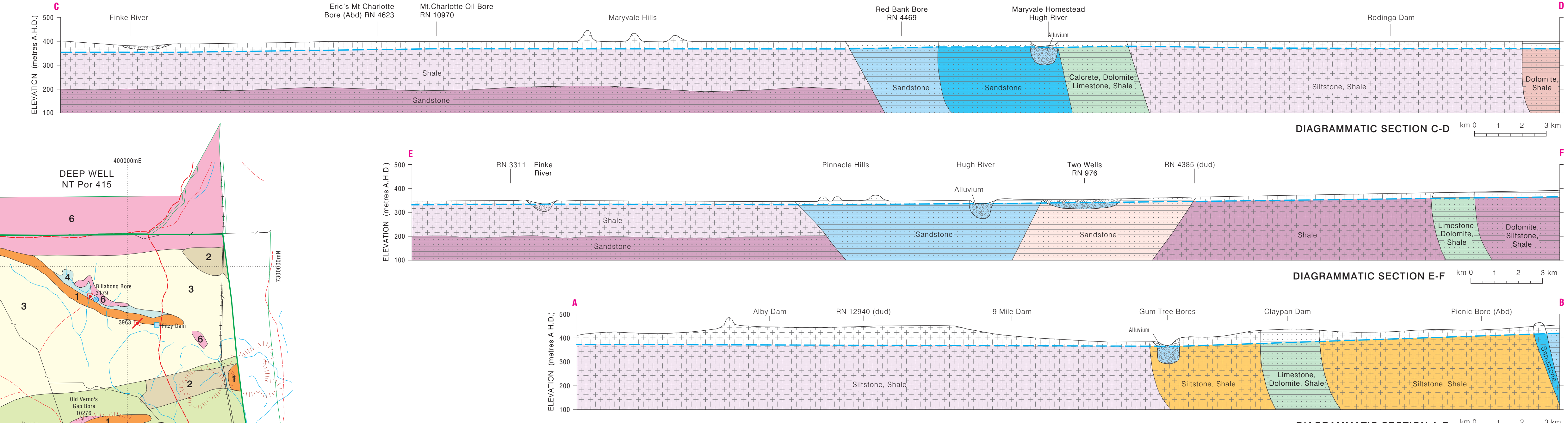


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WATER RESOURCES DEVELOPMENT OPTIONS		
PREFERRED OPTION	DESCRIPTION	
1	Unsuitable (bores or dams)	High rocky ridge and hill country.
2	Pumping from remote bores or dams	Poor quality groundwater and cavernous formations below surface in many places, generally not suitable for bores or dams.
3	Pumping from remote bores, dams or waterholes	Plains and broad valley floors, plus sand dune country south of Charlotte Range. Few suitable dam sites in sand dune country. Excavated earth tanks preferable to embankment dams.
4	Surface water (dams) supplemented by groundwater (bores)	Plains and rocky hill country where groundwater supplies brackish. Dam construction in suitable soils where there is a good depth of soil and/or decomposed bedrock, preferably 6-7 metres below ground level.
5	Surface water (dams)	Plains and rocky hill country where groundwater supplies saline. Dam construction in suitable soils where there is a good depth of soil and/or decomposed bedrock, preferably 6-7 metres below ground level.
6	Groundwater (bores)	Small to moderate supplies of good to brackish water in formations recharged by periodic flows in the Hugh River and Alice Creek.
6A	Groundwater (bores)	Large supplies of good quality water in sandstone formations recharged by periodic flows in the Hugh River.
6B	Groundwater (bores)	Shallow good to brackish water in alluvium associated with the Hugh River and its tributaries. Water quality can deteriorate over drought years.
6C	Groundwater (bores)	Waterholes and groundwater in alluvium and underlying formations associated with the Fynbos Dam. Water quality is seasonal, generally fair to brackish, often saline.

WATER RESOURCES DEVELOPMENT MAP OF MARYVALE STATION
 THIRD EDITION JULY 2007



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