

MAP No. 7 GROUNDWATER RESOURCES

GROUNDWATER RESOURCES

Murray Valley Area

1:500 000

0 10 20 40
Kilometres
Land Conservation Council
Victoria

Aquifers are thin and narrow in this area, hence difficult to locate.

Deep aquifer has not been investigated in this area.

Aquifers scarce

Aquifers scarce

LEGEND

GROUNDWATER RESOURCES

	BORE YIELD (litres/sec)	GROUNDWATER SALINITY (Milligrams/litre Total Dissolved Solids)	GROUNDWATER USE
SHALLOW AQUIFERS	>25	<2 000	Suitable for all stock. High quality (<1000 mg/l TDS) for domestic and industrial use. Irrigation and town supply use depends upon water quality and high yields (>10 l/s).
	10-25		
	<10	2 000-5 000	Suitable for nearly all stock. Restricted use for irrigation.
	10-25		
DEEP AQUIFERS	<10	>5 000	Suitable for various stock up to a limit of 14 000 mg/l TDS. Unsuitable for irrigation.
	20-60	<2 000	Suitable for all stock and many domestic and irrigation uses.
	20-60	>2 000	Generally used as a water source for stock.

AQUIFER LITHOLOGY

- Sand and gravel. Includes colluvium adjacent to sedimentary consolidated rocks.
- Fractured and weathered consolidated rocks. Sedimentary, metamorphic and igneous rocks. Includes colluvium in areas of igneous rocks (mostly granite).
- 5-15m Depth of shallow aquifers

Public land Study area boundary City, town or borough boundary

Data compiled by Geological Survey of Victoria.