MINERAL RESOURCES TASMANIA

Tasmania

MAP 4

TASMANIAN REGIONAL DROUGHT INITIATIVE PROJECT

GROUNDWATER PROSPECTIVITY OF THE MACQUARIE RIVER DRAINAGE BASIN

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SCALE 1:100000

0 2 4 6 8 10 km

Grid: Australian Map Grid, Zone 55.

Geology adapted and redrawn from Tasmanian Geological Survey Geological Atlas 1:50,000 series maps Snow Hill, St Marys, St Helens, and Tasmanian Geological Survey Geological Atlas 1:250,000 digital series maps North East, South East.

Digital base information from Land Information Services Division, Department of Primary Industries, Water and Environment.

Map produced April 2000 by Data Management Group using G.I.S. software.

ROCK UNIT

GROUNDWATER CONDUCTIVITY (µs / cm) *	UPPER TRIASSIC SANDSTONE	JURASSIC DOLERITE	QUATERNARY & TERTIARY SEDIMENTS	PERMIAN SILTSTONE & LOWER TRIASSIC SANDSTONE	TERTIARY BASALT	RECOMMENDED USAGE
0 - 1500						Upper limit for human consumption, useful for all livestock and irrigation in well drained soils.
1500 - 3000						Irrigation of salt tolerant crops (wheat, barley, and ryegrass) in well drained soils, useful for all livestock.
3000 - 6000						Recommended not to be used for irrigation, although under specific conditions, salt tolerant crops may be grown. Useful for most livestock, excluding pigs and poultry.
> 6000						Not irrigatable.
Unknown						Unknown groundwater salinity.

INCREASING YIELD ⟶

(Based on average yield of all bores in project area)

* Due to a general decrease in salinity with depth, the groundwater salinity has been calculated based on a uniform depth of 30 - 40 metres. Deviations may be attributed to local variations in groundwater flux.

● 180 - Borehole with number.

LOCATION DIAGRAM

MAP 3

MAP 2 & 4

WARNING: INKS ARE LIGHT SENSITIVE

Data correct & plotfile generated: 26-JUL-2006

/conera/projects/drought/macq4.aml