

Appendix D

Agricultural Maps

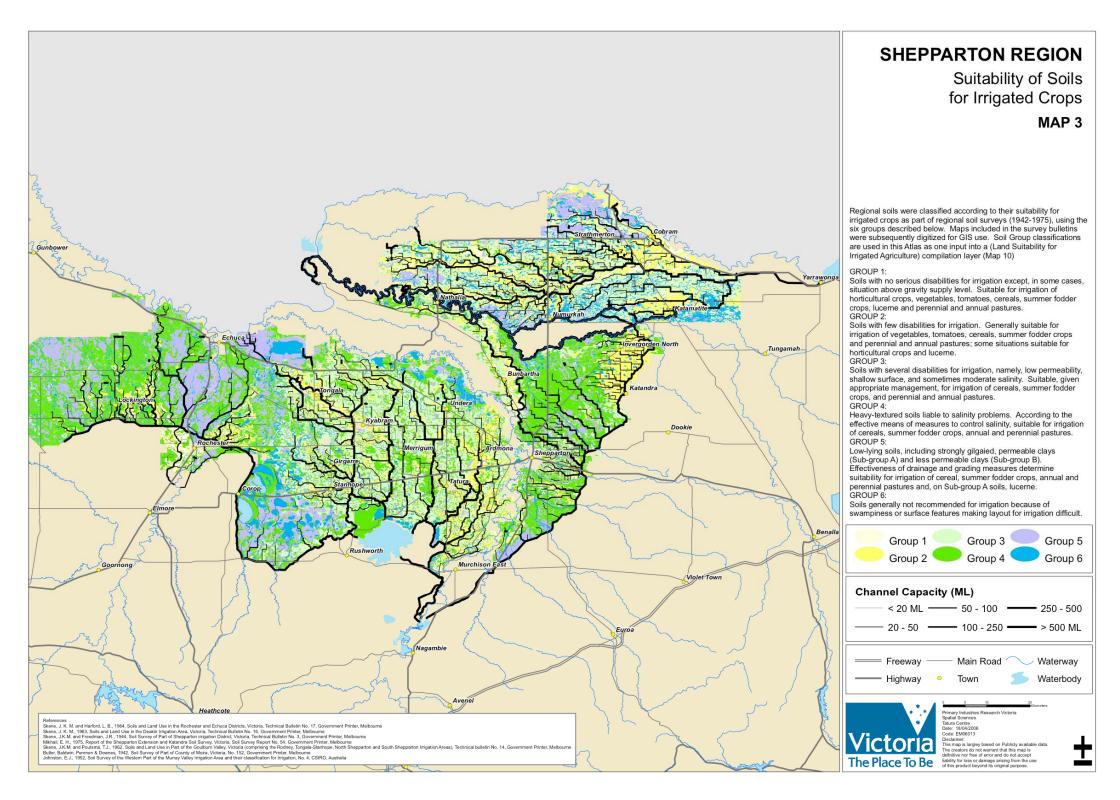


Figure AD-1 Land suitability for irrigation (Goulburn Murray Water 2006)

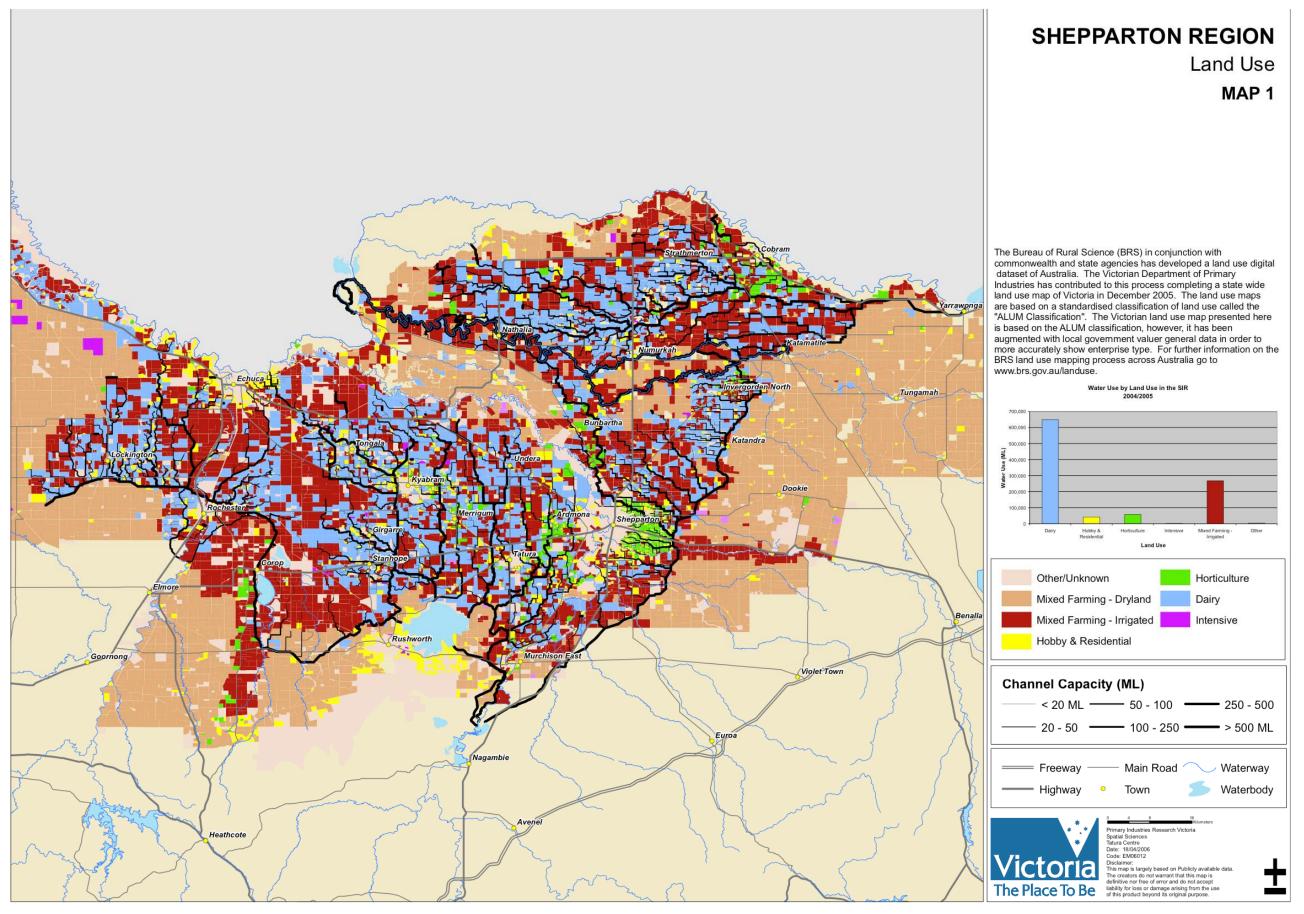


Figure AD-2 Land use in the Shepparton Irrigation Region (GMW 2006)

SHEPPARTON REGION Pods, Trunks and Carriers **MAP 14** Reconfiguration - A Total Water System Perspective To better visualise the changes inherent in reconfiguration it is useful to be able to describe the components of the water systems, and how the system will change, or change constrained by the nature of the irrigation and drainage system. A concept developed in Pyramid-Boort is to describe the water system in terms of Pods, Trunks and Carriers. A 'pod' is a grouping, typically comprising of 20-40 properties and the associated channel systems. A pod also identifies a group of customers with a common stake in the water system such as service levels and changes to system infrastructure. A 'trunk' channel conveys water to two or more pods. A 'carrier' channel conveys water to two or more trunk channels, eg Waranga Western Spatial data pertaining to pods is presented in Area Atlases published separately for each irrigation Area within the Shepparton Irrigation Region (Shepparton, Central Goulbum, Rochester-Campaspe and Murray Valley) Central Goulburn **Murray Valley** Pods Pods Trunks Trunks Carriers Carriers Shepparton Rochester Trunks Trunks Carriers Carriers Channel Capacity (ML) < 20 ML —— 50 - 100 —— 250 - 500 20 - 50 —— 100 - 250 —— > 500 ML Main Road Waterbody

Figure AD-3 Irrigation regions in the study area (GMW 2006)

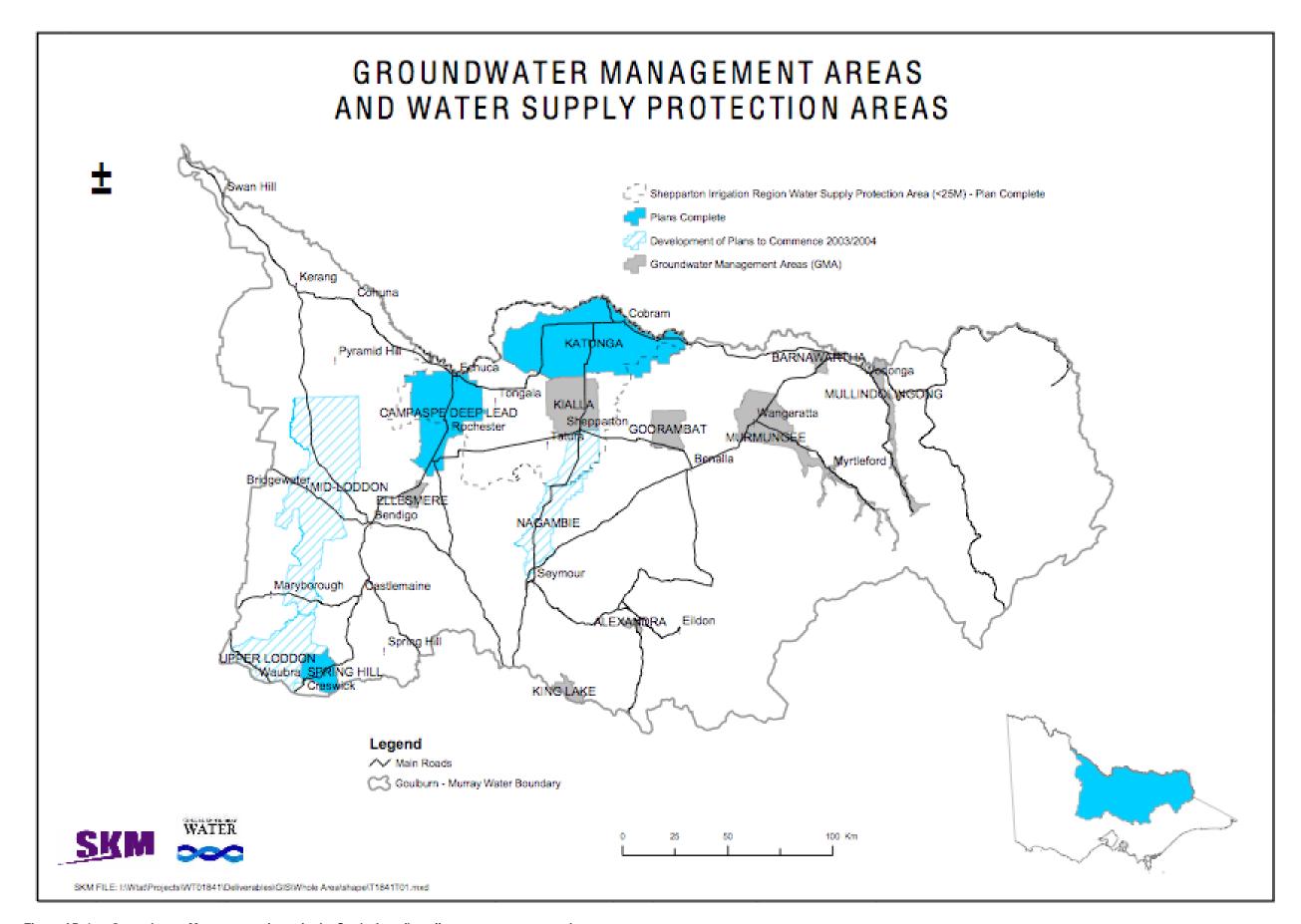
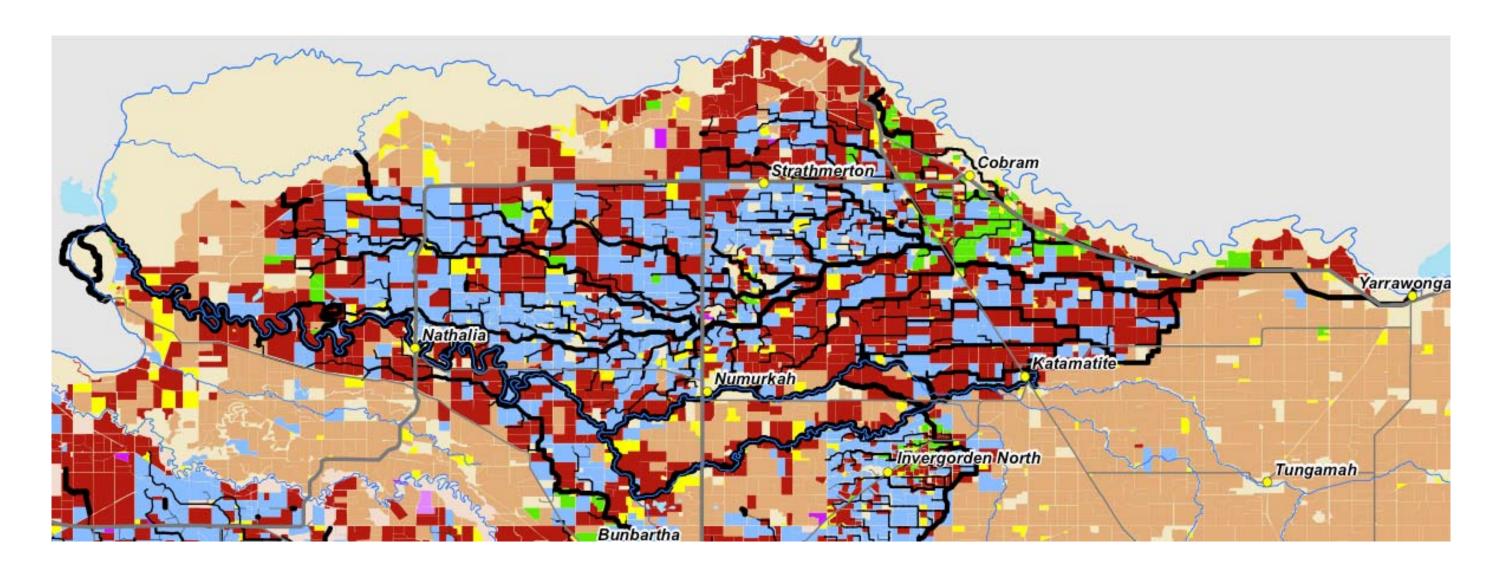


Figure AD-4 Groundwater Management Areas in the Study Area (http://www.g-mwater.com.au)



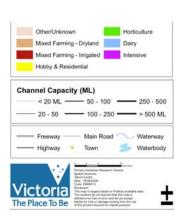


Figure AD-5 Agricultural land use in the irrigated area of Moira

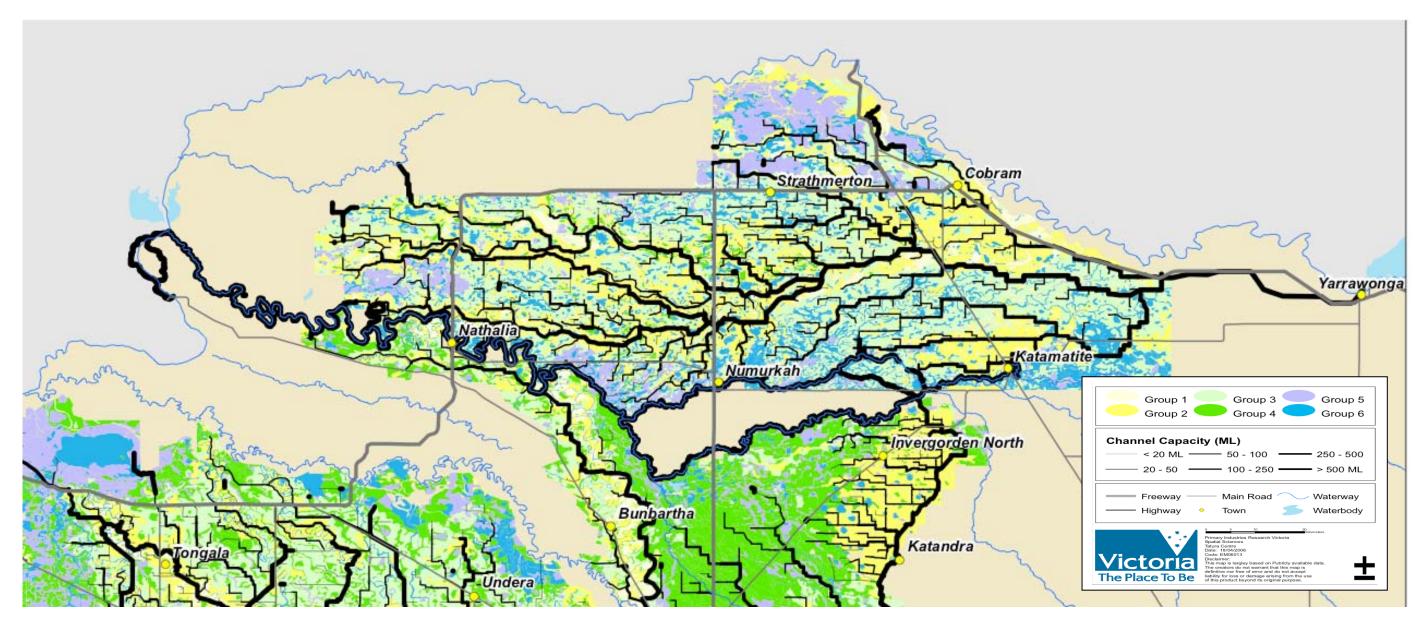


Figure AD-6 Suitability of soils for irrigated crops (GMW 2006)

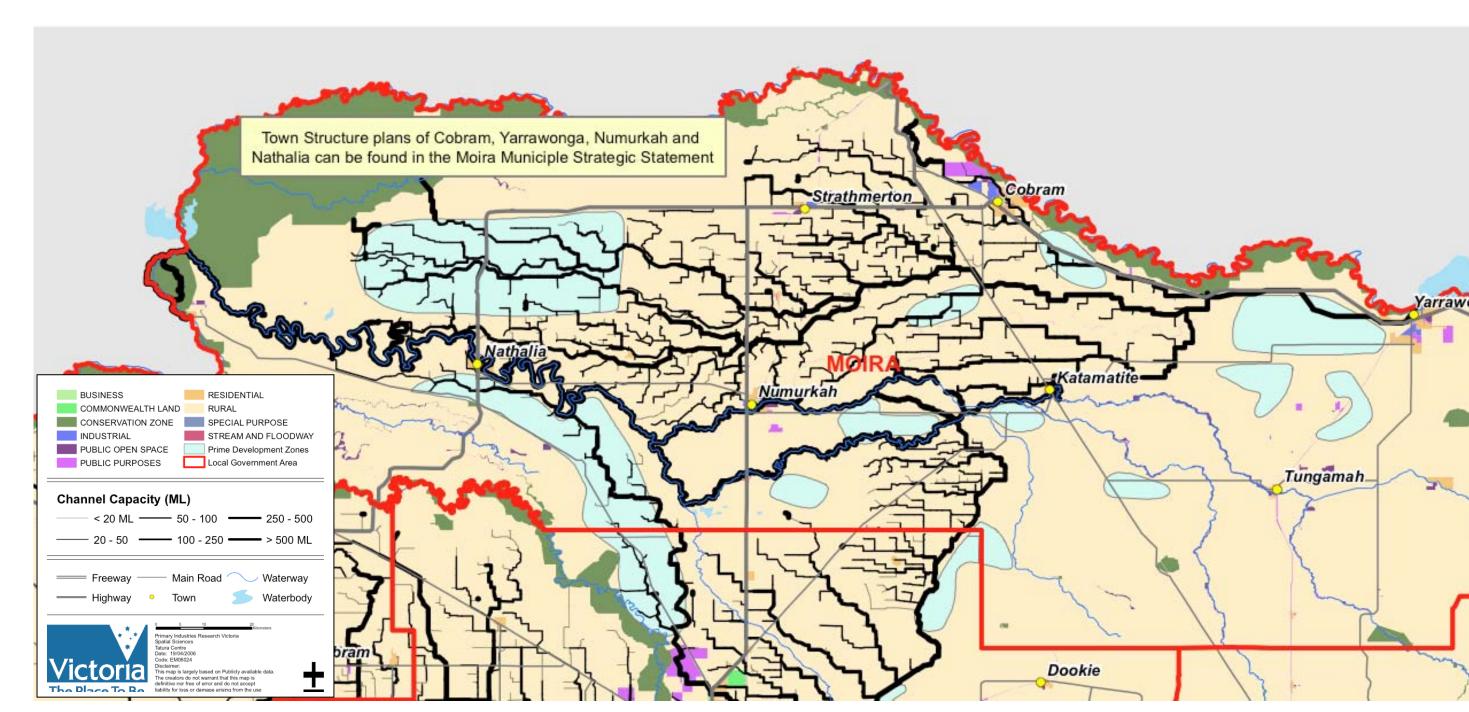


Figure AD-7 Prime development zones in Moira (GMW 2006)

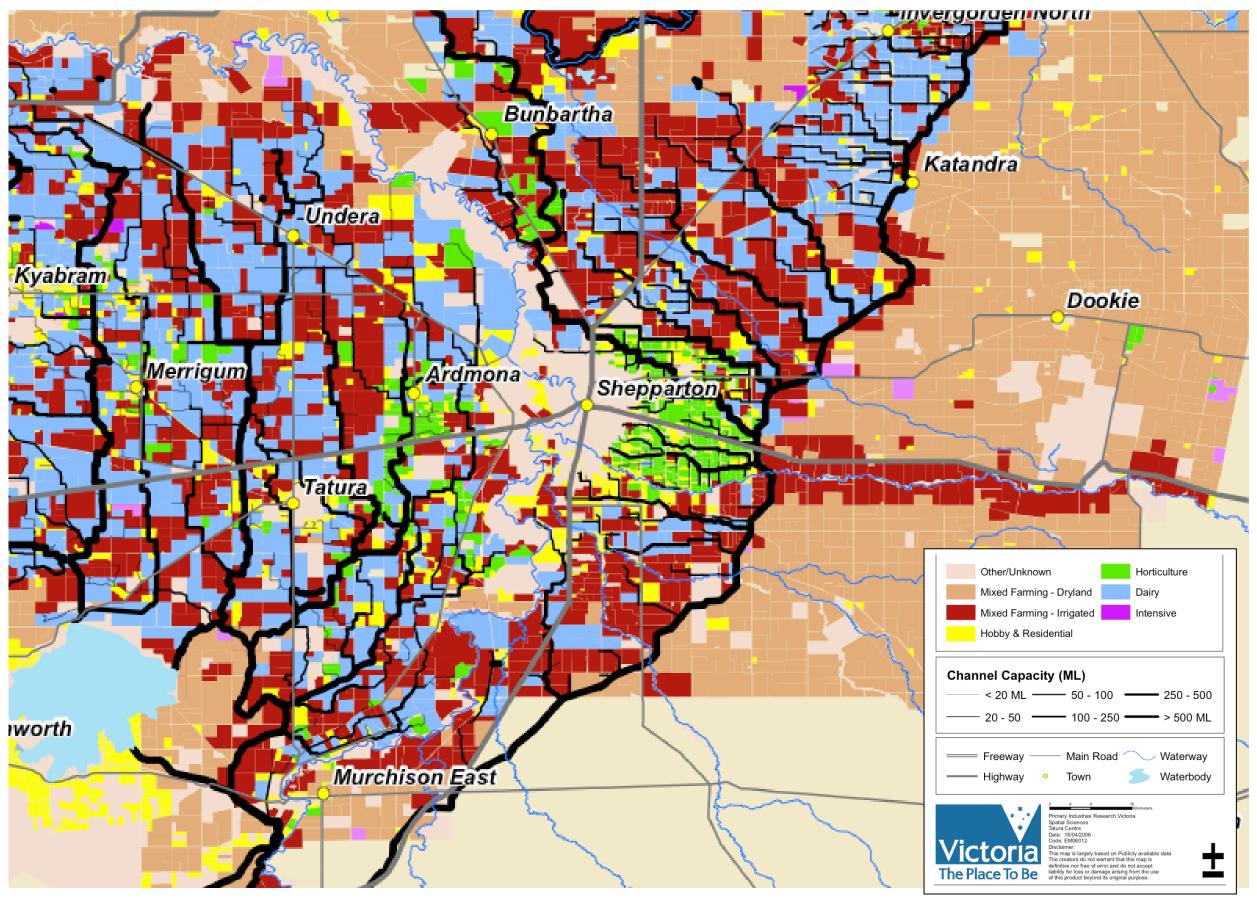


Figure AD-8 Land use in Greater Shepparton (GMW 2006)

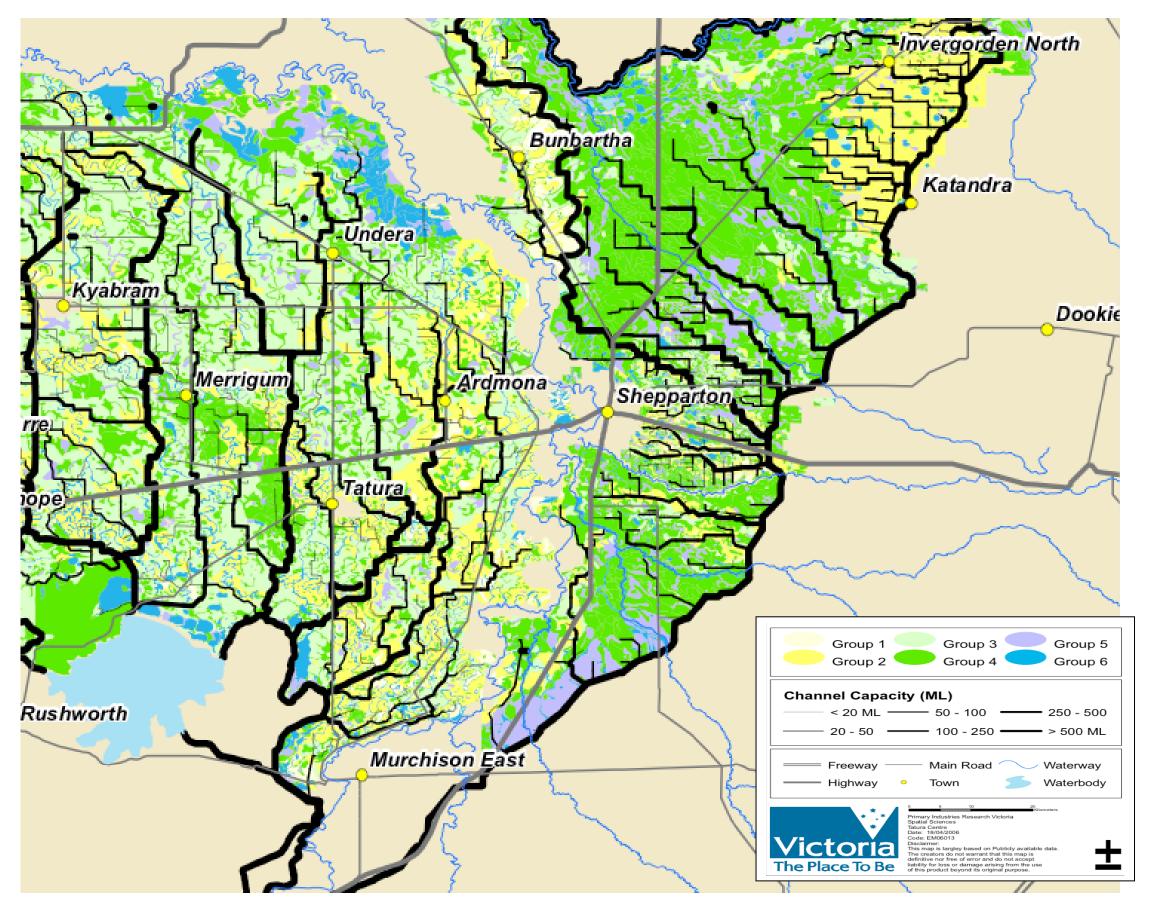


Figure AD-9 Suitability of soils for irrigated crops (GMW2006)

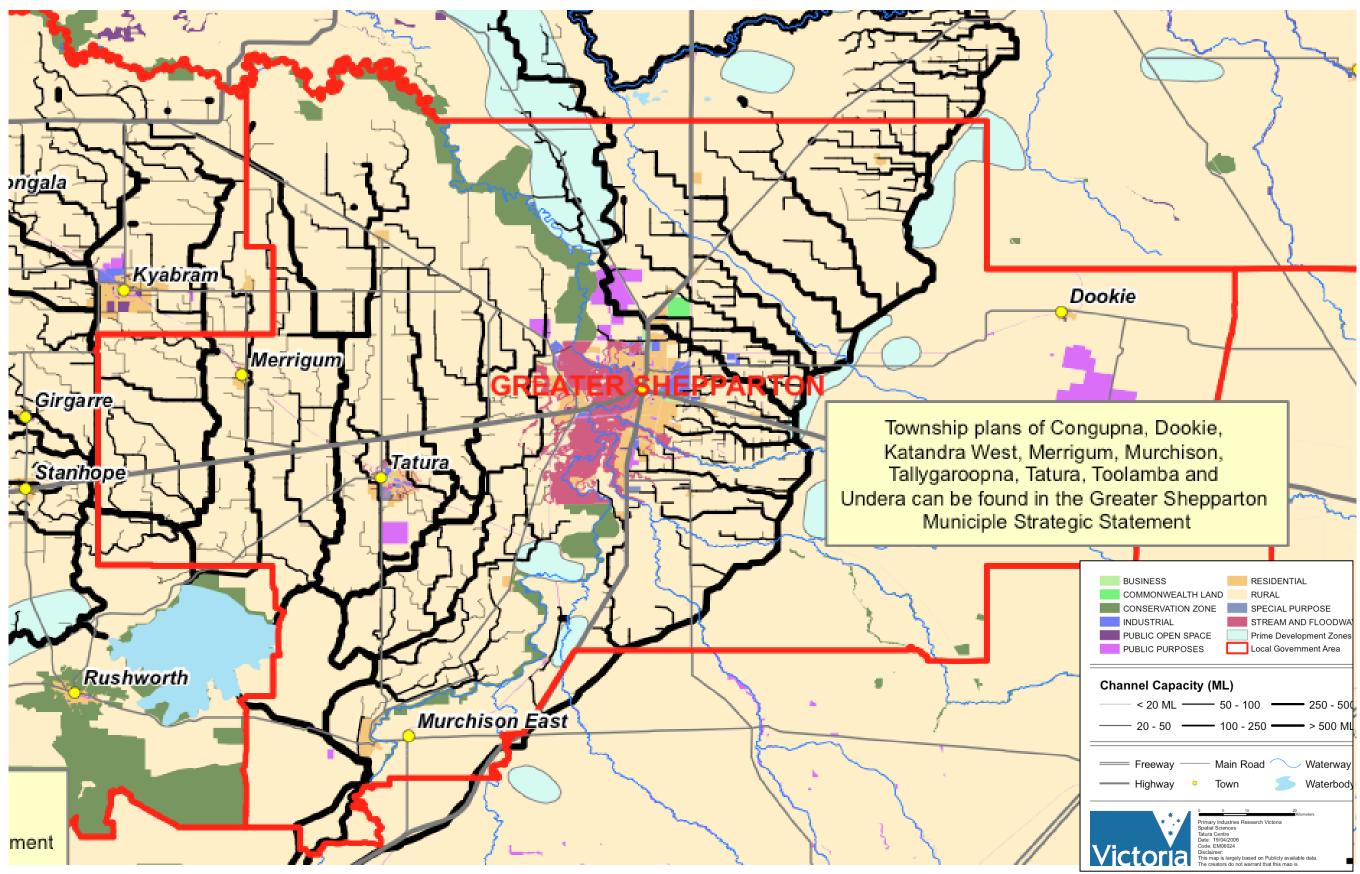
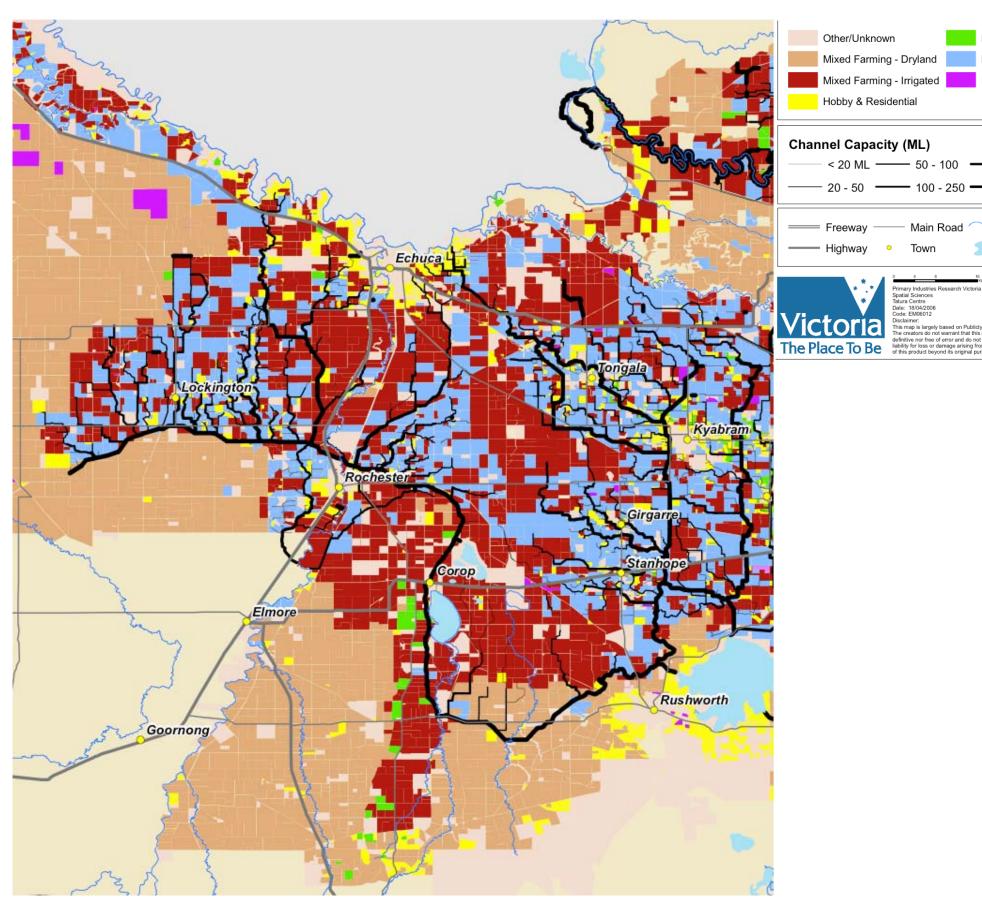


Figure AD-10 Prime development zones in Greater Shepparton



Horticulture

Waterbody

Dairy

Intensive

< 20 ML —— 50 - 100 —— 250 - 500 20 - 50 — 100 - 250 — > 500 ML

Main Road

Other/Unknown

Mixed Farming - Dryland

Hobby & Residential

= Freeway

Mixed Farming - Irrigated

Figure AD-11 Land use in Campaspe Shire

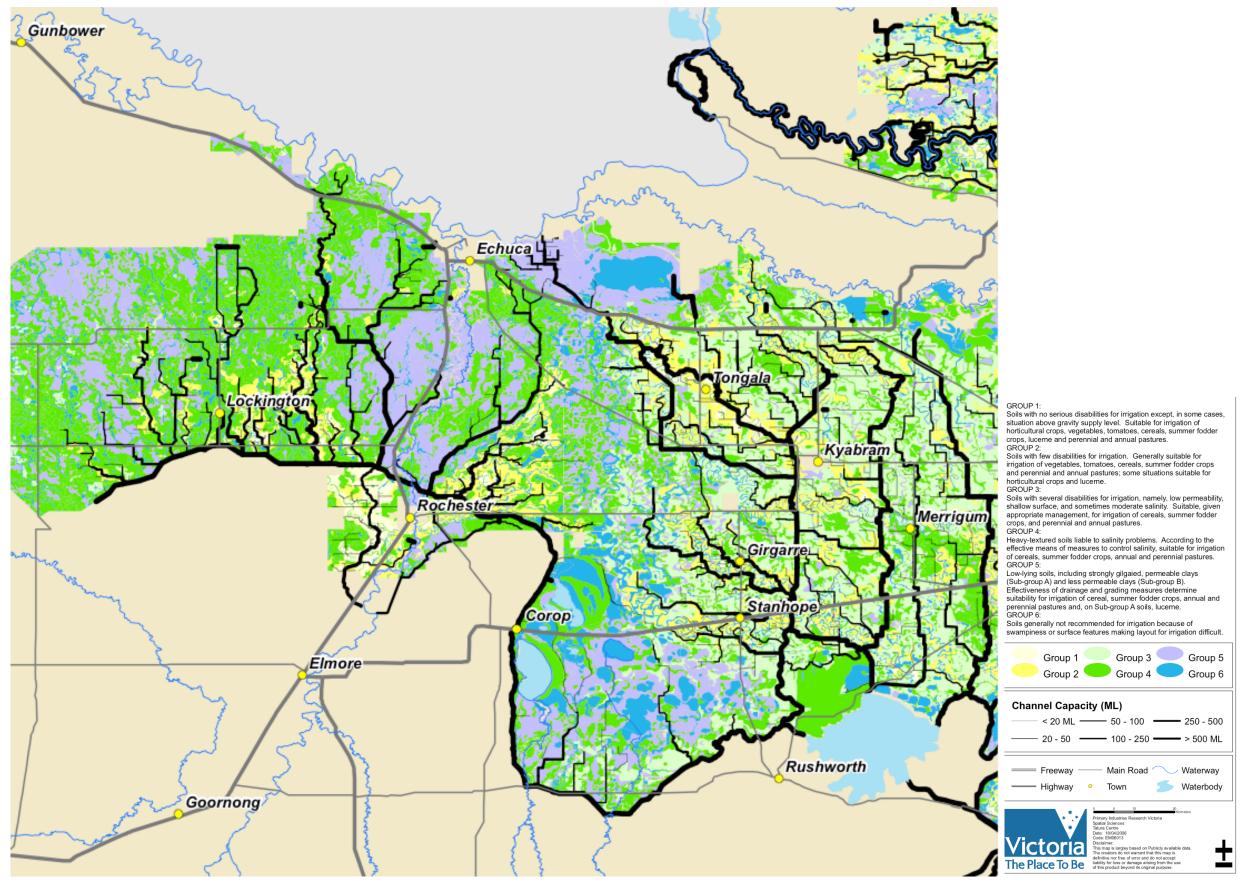


Figure AD-12 Soil suitability for irrigation in Campaspe

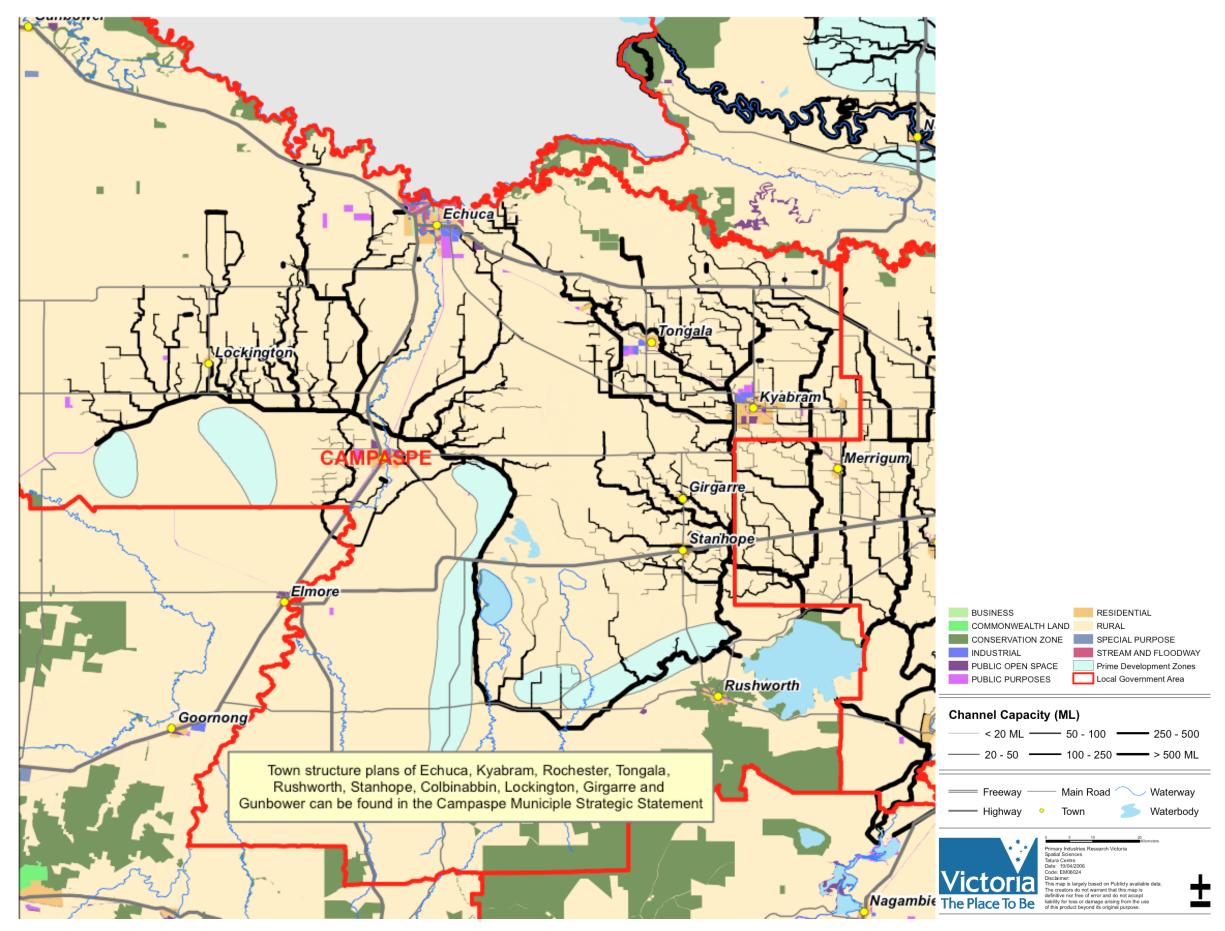


Figure AD-13 Prime development zones in Campaspe