



What is this map all about??!

Burra's Hydrogeological Landscapes...

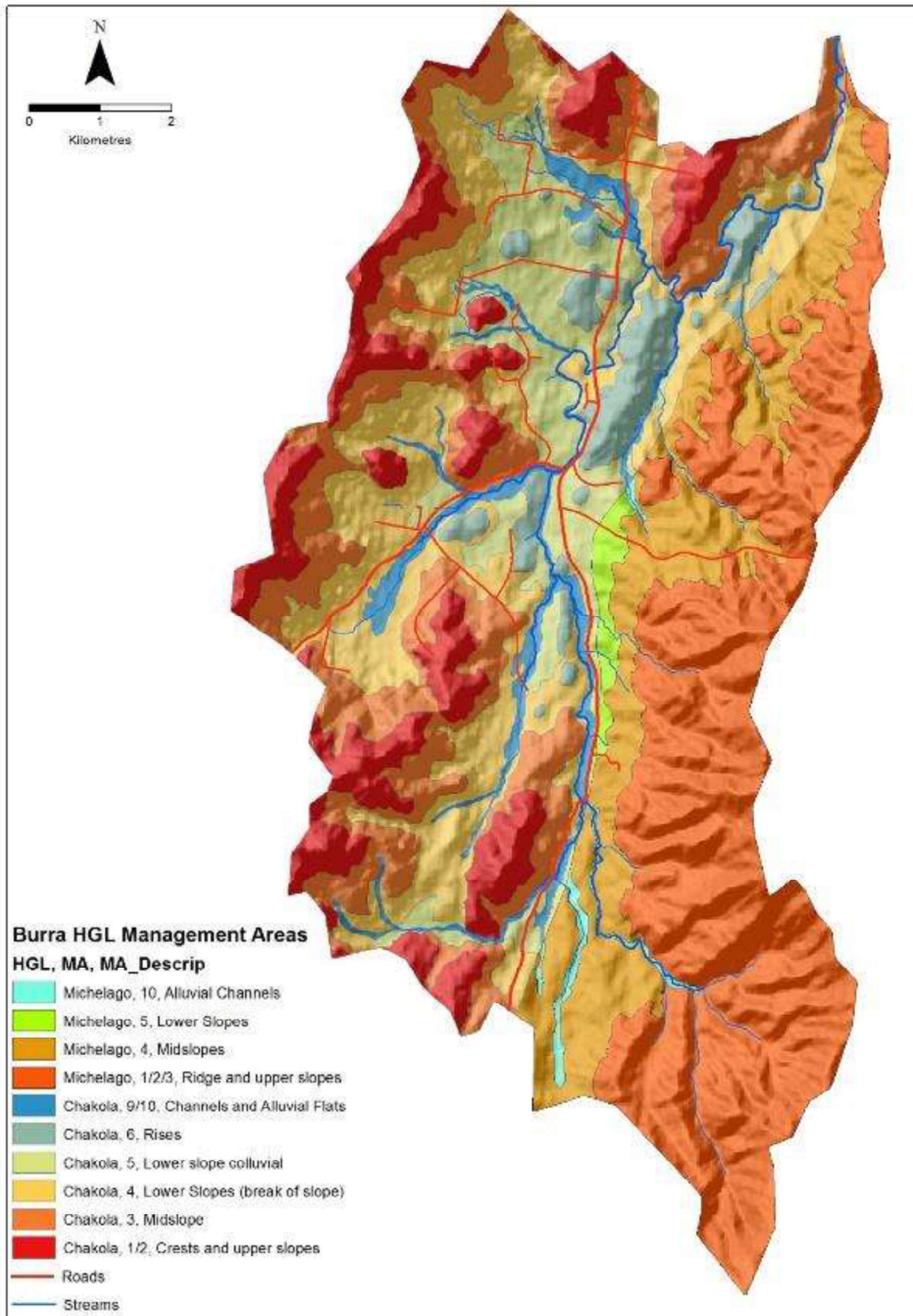


Figure 9: Map showing Hydrogeological Landscapes and Management Areas of the Burra Creek Catchment

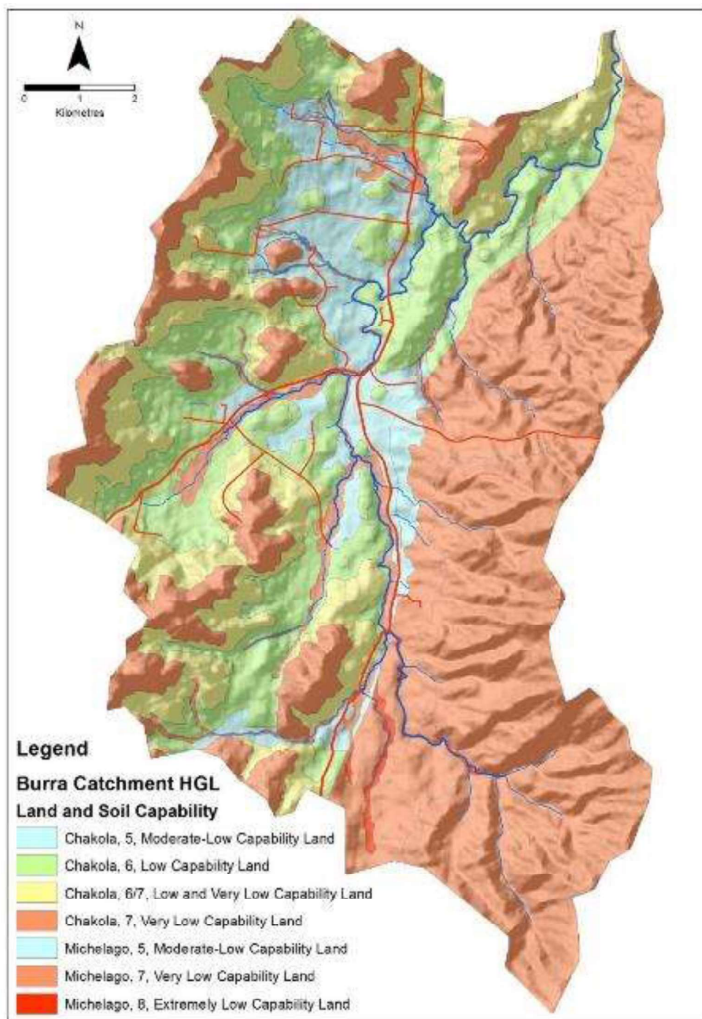
What are these maps about?

Burra's landscape and its underlying "plumbing" (the way water moves over and through the land) has been mapped in great detail as part of a Soil Erosion project run by Molonglo Catchment Group (MCG). This map is part of a larger Burra Landscape Management Plan which is based on frameworks and cutting-edge mapping developed by the NSW Department of Primary Industries (Land Management Framework) and NSW Office of Environment and Heritage (HGL mapping).

The Burra HGL Management Areas map (overleaf) reveals the different management areas within Burra, according to their geologies, land management risks and function which drives the nature and consequences of managing these soils and the landscape they sit within. The framework has been applied to the two Burra catchment HGL units:

- **Michelago**—forested hills to the East of Burra (very shallow sedimentary soils)
- **Chakola**—floodplains, slopes and hills on the western side of the catchment, including Burra Creek (deeper but sodic soils which are highly dispersive).

Using this map, you can find your property location and the relevant HGL Management Area/s which are applicable to you, and head to the Burra Landscape Management Plan where relevant management units, risks and recommendations can be looked up using the charts to guide remediation and appropriate management. Access the Burra Plan at <https://www.burracommunity.org.au/landcare>.



Importance of Land Capability

Perhaps one of the major recommendations in the Burra Plan is to know and manage within your property's land capabilities which is more complex than just where your property sits in the landscape (land classes). Despite having floodplains and undulating hills which *look* like classes 1-4 lands, Burra's land capability actually ranges from class 5-8 lands (due to its inherent soil vulnerabilities, see Fig 10). **This means Burra's landscape is at best suited to light grazing and conservation (tree and shrub cover).** For more information on how to manage within your property's land capabilities, please see the management options and vegetation list (Appendix A, p.80) in the Burra Plan and contact your Burra Landcare group or Molonglo Catchment Group for more advice on 6299 2119.

Figure 10: Land and Soil Capability Map for each HGL in the Burra Creek catchment.