
DEWATERING AND GROUNDWATER CONTROL

- 1997 - 99** **Landslide Investigation, Thredbo, NSW.** Assessment of hydrogeological aspects of landslide, including numerical modelling of groundwater flow, for Coronial Inquiry – for NSW Police Service.
- Eastern Distributor Dewatering, Sydney, NSW.** Assessment of groundwater impacts and dewatering requirements for a major motorway development in the Botany Basin, including pump testing, geological review and groundwater flow modelling – for Maunsell Pty Ltd and Leighton Contractors Pty Ltd.
- 1997** **Groundwater Investigation, proposed basin, BHP, Port Kembla, NSW.** Assessment of dewatering requirements, including drilling, hydraulic conductivity testing, hydrochemical studies and modelling of groundwater inflows – for Transfield Construction.
- 1996** **Weipa Bauxite Mine, Queensland.** Assessment of remedial options and dewatering requirements following failure of the Andoom loading station. Design and installation of an airlift-powered 12-well dewatering system capable of pumping 500/litres/second - for Comalco Ltd.
- 1992** **Ritz-Carlton Hotel, Double Bay, NSW.** Assessment of groundwater and subsidence control measures for construction of a deep underground car park in saturated, unconsolidated sands - for K.B. Hutcherson Pty Ltd.
- 1989** **Mardi Dam Foundation Depressurisation, Wyong, NSW.** Investigation and design of a system of gravity wells to depressurise the foundation of an earthfill dam - for Department of Public Works, NSW.
- 1986** **Seepage Investigations, Healesville, Victoria.** Investigation of saline groundwater seepage at a new sports complex - for Healesville Shire Council.
- 1980** **Baghdad Airport Road, Iraq.** Design of gravel-packed dewatering wells to permanently lower the water table beneath the central reservation of the new road leading to Baghdad airport - for the Ministry of Communications, Iraq.