Getting it Right – Water

Learn more on our website
gippslandcriticalminerals.com

Gippsland Critical Minerals

GCM's water strategy is designed to ensure a diversity of water sources and ensure our operations reuse and manage water responsibly. We're also looking ahead, with legacy infrastructure that can deliver long-term water security benefits for the region.

Sustainable Water Use

GCM's annual water requirement of approximately 3.0 GL will be sourced from a combination of water sources, with major sources expected to be recycled water and winterfill (surface) water allocations from existing licence holders. GCM is also investigating the availability and use of groundwater from the deep Latrobe Aquifer.

Water on site is primarily used as a fluid to separate the minerals at the Wet Concentrator Plant (WCP).

Water Re-use

Our wet concentration plant and mining operations are designed to maximise water recovery and re-use throughout the process, significantly reducing the need for fresh water and ensuring responsible use of local resources.

Building Long-Term Water Security for the Region

GCM is working with local stakeholders to explore how it can develop water storage infrastructure – such as the construction of a 2GL dam and pumping systems that can be handed over as a community asset at the end of the life of the mine to unlock it for irrigation and strengthen water supply and security during dry periods. This will deliver lasting benefits for East Gippsland, well beyond the life of the mine.

Have your say in legacy water infrastructure
- join one of our working groups

ENVIRONMENTAL STUDIES

Monitoring, studying, testing and validating

GCM is currently monitoring surface and groundwater flows, levels and quality in and around the project area. This gives us a clear picture of the existing water environment before any work begins.

We are undertaking a range of technical and environmental studies on water, all of which will be made publicly available as part of the environmental approvals process.

Our approach to water management will also be tested and validated through the Demonstration Pit in early 2026.

ESS studies to assess water impacts include:

- Water Acquisition
- Surface Water
- Agriculture and Horticulture
- Groundwater
- Tailings Geochemical Testwork

We're talking to the community every day to ensure that local knowledge informs our water strategy and impact assessment work.