



Investigation and stabilisation works where necessary of existing and potential landslide areas in Cromwell Gorge, location of new hydro reservoir Lake Dunstan

Reporting Geologist for six major landslides and 12 km of lake shore line. Responsible for investigations, interpretation and report presentation. Involved with monitoring response of road and hillsides to reservoir raising.

### Project Description

**Project:** Lake Dunstan Lake Shore Stabilisation

**Location:** New Zealand

**Client:** NZ Electricity Cooperation

**Total Project Value:** Confidential

**Start Date:** January 1988

**End Date:** January 1994

**Lead Company:**

**Associated Consultants:** None

### Key Features:

- Numerous very large landslides had potential for reservoir blockage or wave gene
- Most landslides are very ancient features with negligible activity.
- Stabilisation measures included buttressing, deep drainage from tunnels.
- Extensive instrumentation and monitoring of landslides