

Geotechnical Engineering Capabilities

RILEY has 25 years geotechnical engineering experience assessing risks, designing earthwork and structure foundations, and monitoring site conditions.

Throughout New Zealand and the Pacific Basin, RILEY is commissioned to undertake a variety of projects, often in difficult subsurface conditions, for a variety of clients including private individuals, corporate organisations and local government authorities.

Areas of particular interest include:

- ❖ unstable slope rehabilitation
- ❖ landslide stabilisation
- ❖ subdivision investigation
- ❖ dam site investigation
- ❖ forensic investigation

RILEY has the experience to select appropriate investigation methods and cost-effective design solutions for differing site and geological conditions; utilising geotechnical software applications including SLIDE, PLAXIS and WALLAP, to analyse conditions and assess risks relating to:

- ❖ slope stability
- ❖ settlement
- ❖ retaining walls
- ❖ piling
- ❖ groundwater
- ❖ liquefaction

Our geotechnical engineers work closely with clients to ensure their requirements are met and that the level of investigation and reporting is appropriate to the scale and complexity of the project.

The RILEY team is committed to delivering a quality, cost-effective service. We have high professional standards, ethics and integrity, all of which are backed up by our internationally recognised ISO 9001 certification.

For further information on the services we can provide refer to our web site or please contact us.

