

## REFERENCE PROJECT

### Geotechnical - Rockfall Protection

Location: Peacocks Gallop, Christchurch  
Date: May – June 2016  
Client: Protranz Earthmoving Ltd  
Consultant: Aurecon NZ Ltd

During the 2011 Christchurch Earthquakes, the cliffs above Peacocks Gallop in Sumner, Christchurch, suffered significant rockfall activity. The 13 June M6.3 event caused cliff retreat and edge collapse. The adjacent Main Road had been temporarily protected from these hazards by shipping containers as the busy road forms part of the Sumner to Lyttelton Corridor.



In 2016 Abseil Access was engaged by Protranz Earthmoving to carry out rockfall protection works on the 70m high unstable cliffs above the construction site.

Abseil Access crews spent six weeks scaling the top 15m of the cliffs to mitigate the imminent risk of rockfall impacting Protranz staff and earth-moving plant. Several hundred tons of unstable material was removed using airbags and hand tools.



The incident-free project was successfully completed while working on one of the more challenging sites on the Christchurch Rebuild program.

