



# ABSEIL ACCESS LTD

## Reference Project

### Geotechnical – Rock Fall Protection

Location: Onslow Rd, Wellington.

Date: July/August 2006

Client: Wellington City Council

Consultant: Tonkin & Taylor



This contract involved the installation of 3 Rock Fall Protection nets onto the cliffs immediately adjacent to Onslow Rd. The design was by Tonkin and Taylor, Wellington.

The greywacke rock is predominantly sandstone with some mudstone beds, highly to moderately weathered, closely fractured, dilated and loose. All 3 sites and others in between required careful scaling and de-vegetation prior to drilling and netting. Continual traffic management was required on this busy section of road.



The project involved installation of 24 top anchors (4m deep), 34 face anchors (1.5m deep) and 18 base anchors (2m deep). A mixture of Reid bar and Ischebeck drill systems were utilised to cope with the variable nature of the ground.

The netting is Maccaferri galvanised PVC coated double twist covering an area of 2000sqm. Additional 13mm galvanised mid face cables provide extra strength.



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