



# ABSEIL ACCESS LTD

## Reference Project

### Geotechnical - Passive Rock Stabilisation

Location: The Quay Development, Nelson

Date: 2004

Client: Gibbons Construction

Consultant: Tonkin & Taylor

An excavated 20m face led to a steep loose area. Tonkin and Taylor consultants designed the lower retaining wall, passive rock drape and catch fence. Loose rocks are allowed to fall under the net and down the wall to a catch pit. The 2m high catch fence also deflects falling debris down into the pit.

The project was a joint venture with CW Drilling who drilled and grouted the 5m deep dowels and rock anchors. Abseil Access Ltd installed the catch fence and net drape, support cables and netting. The netting is Maccaferri PVC coated double twist, 700sqm. The fence supports 300sqm mesh with galvanised channels at the top of the retaining wall.

Vegetation is encourage to grow through the net for reduced visual impact.



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