

ABSEIL ACCESS LTD

Reference Project

Geotechnical – Active rock stabilisation

Location; Hooker Valley track, Mt Cook National Park

Date: 2001, 2003 and 2006

Client: Department of Conservation

Consultant: Opus International Consultants

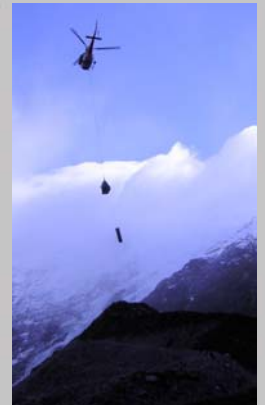


A series of 30m cliffs directly over the popular public walking track presented a rock fall hazard. The location, within Mt Cook National Park, required additional environmental considerations.

Opus International Consultants designed an active netting system. These closely follow the contours of the cliff by using regular bolt pinning at strategic points. Surface erosion is reduced and any loose rocks are contained in the net and released at the base. Vegetation is encouraged to grow through the net for reduced visual impact.



Abseil Access Ltd were chosen to install the system in the remote and mountainous location. The netting is Maccaferri double twist (1000m²) supported on 13mm galvanised wire ropes. The rock bolts are 750mm and 300mm epoxy threaded rods (120). Helicopters were used to transport materials to and from site.



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