



DIANA FALLS, NUOVA ZELANDA

Protezione da caduta massi

Diana Falls

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Progetto	Diana Falls
Luogo	Haast
Paese	Nuova Zelanda
Anno di installazione	2014
Cliente	NZTA
Progettazione	Geovert
Contraente	Opus & Sicon Fergusson

Situazione iniziale Heavy rain cause a 40'000 cubic metre slip to completely close SH6 for several weeks in September 2013. Once cleared the road remained closed at night due to the continued high risk of rockfall from over 250 m up the slip face. Some of the unstable rocks were larger than 20 foot shipping containers.

Descrizione Geovert was awarded the contract to design and build a bespoke rockfall protection solution above the State Highway to actively control the frequent high energy rockfalls. The best solution for the site was the construction of a 5m high 3000 kj and two 6 m high 5000 kj Geobrugg attenuator barriers. The 3000 kj system was installed over 250m above the highway, the first of the 5000 kj system was installed 150 m up and the final and largest barrier was installed around 50 m above the road. The bottom rockfall attenuator was a massive structure with a 35 t high tensile steel ROCCO ring net drape to control and channel the falling rocks and debris to the roadside for the maintenance crew to clear.

Watch the clip of [NZTransportAgency](#)

Oggetto protetto	Strada
Capacità di assorbimento dell'energia	3000 kj, 5000 kj
Altezza del sistema	5.0 m, 6.0 m
Lunghezza del sistema	40 m - 60 m

Per qualsiasi domanda potete contattare il nostro specialista Geobrugg

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