



FRANSCHHOEK PASS, GÜNEY AFRIKA

Şev ve Yamaç koruma

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Proje	Franschhoek Pass
Yer	R45 road between Franschhoek and Villiersdorp
Ülke	Güney Afrika
Kurulum Yılı	2014
Müşteri	Western Cape Department of Transport and Public Works
Mühendislik	SMEC South Africa
Yüklenici	Penny Farthing
Durum	<p>During the latter half of 2013, the region had unseasonably high rainfall which led to several slope instability cases along the route. The majority of instabilities occurred as rock falls and superficial slides. The project was seen as an emergency work to develop a timely solution to the problem to ensure the pass could remain open to traffic while not compromising safety. Furthermore, in keeping with the heritage of the route and the surrounding environment, aesthetically pleasing and environmentally friendly solutions were required.</p>
Açıklama	<p>A key feature of the solution was to significantly improve surface and underground drainage. Geobrugg's RUVOLUM® software was used to ensure the correct system materials/products were chosen and that these effectively integrated with the overall geotechnical solution. A combination of TECCO® System and TECMAT® erosion control material was used to cover the area.</p>
Gösterilen obje	Road
Korozyon koruma	GEOBRUGG SUPERCOATING
Jeoloji	<p>Sedimentary rocks, highly folded. It falls under the Malmesbury Group of rocks and consists of pale-weathering massive quartzites, subgreywacke, conglomerate, dark slate and phyllite. The soil consists of 18-24% clay. The site consists predominantly ML (acc. USCS) materials.</p>
Dengelenen alan	12 m ²
Maksimum eğim yüksekliği	50 m
Eğim meyili	30 ° - 65 °
Erozyon kontrol matı	Evet
Konumlandırma	North

Sorularınız için yerel Geobruigg uzmanınızla iletişime geçiniz

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