



JERUSALEN CANTERAS, COLÔMBIA

Estabilização de taludes

Jerusalen Canteras

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Projeto	Jerusalen Canteras
Lugar	Bogota
País	Colômbia
Ano de instalação	2014
Promotor	Unidad Administrativa e Especial de Mantenimiento Vial
Empreiteiro	Geocing
Contratante	HN Ingenieria
Situação inicial	<p>Jerusalen Canteras is a former quarry in the township Ciudad Bolivar in Bogota. The predominant material is meteorized layers of sandstone and claystone.</p> <p>The quarry was abandoned and a neighborhood grew up around this slope. With little stabilization, the area was in dangerous condition.</p> <p>Rockfall menaced the road and the houses at the foot of the slope. Additionally grew the risk of slope sliding. In the crown of the cut, the access road to the upper neighborhoods plus the houses at the top were in danger.</p>
Descrição	<p>TECCO® was installed in combination with anchors - 8 m long, 32 mm in diameter. The system was combined with anchored walls. To control erosion TECMAT® was implemented underneath the TECCO® mesh.</p>
Objecto protegido	Estrada, Edifício, Pedreira/ Minas, Área residencial
Outras aplicações instaladas	Mineração / Túneis
Proteção contra a corrosão	GEOBRUGG SUPERCOATING
Geologia	<ul style="list-style-type: none">• Meteorized layers of sandstone• Claystone
Área estabilizada	10000 m²
Altura do talude	40 m
Inclinação do talude	45 ° - 80 °
revegetação	Sim
Geomalha de controlo de erosão	Sim
Exposição	Norte

Em caso de dúvidas por favor contacte com nosso especialista Geobrugg na sua área

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