



TRES REYES, COLOMBIA

Slope Stability

Tres Reyes

Slope Stability

Project	Tres Reyes
Location	Bogota
Country	Colombia
Year of installation	2014
Customer	NCTIR / NZTA
Initial situation	<p>The Tres Reyes neighborhood in the town of Ciudad Bolivar (southern district of Bogota) sits at one of the highest elevations in this area of the mountains. Strata embankments detached from sandstone, residual soil and weathered rock caused landslides that were affecting houses underneath.</p>
Description	<p>The areas at higher risk were identified and two types of solutions were proposed to stabilize the slope. In areas with fractured rock Geobrugg installed the SPIDER system in combination with anchor bolts. In areas having residual soil and weathered rock Geobrugg installed the TECCO® System in combination with anchor bolts. For improved erosion control a local mantle was added.</p>
Protected object	Road, Building
Corrosion protection	GEOBRUGG SUPERCOATING
Stabilized area	800 m²
Maximum slope height	30 m
Slope inclination	60 ° - 90 °
Erosion control mat	Yes
Exposition	North

For questions please contact our Geobrugg specialist at your side

Roger Moor

Country Manager Ost- und Zentralschweiz, Liechtenstein

Phone +41 71 466 81 52

Mobile +41 78 783 46 81

Roger.Moor@geobrugg.com



Geobrugg

info@geobrugg.com | www.geobrugg.com
