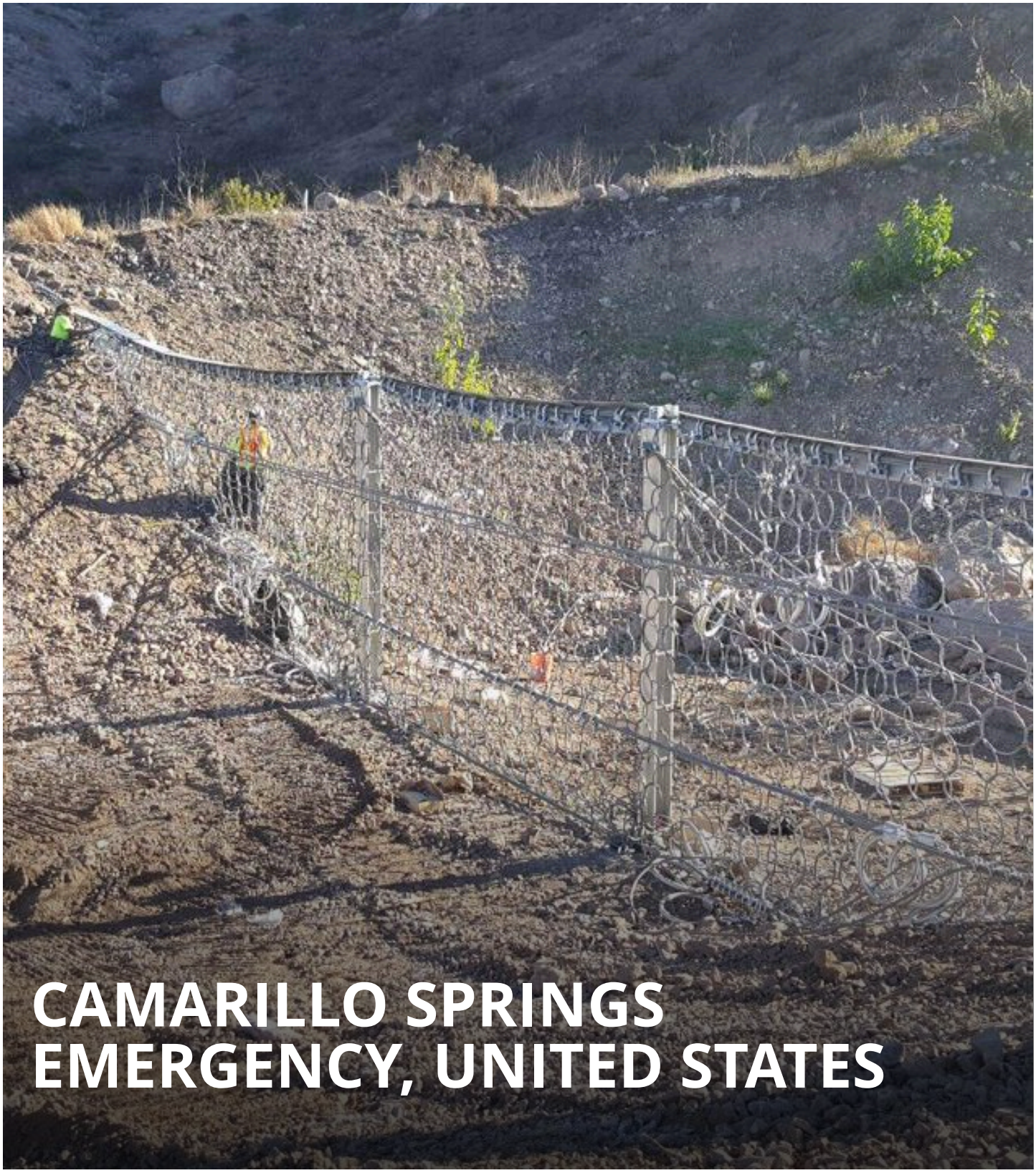

CAMARILLO SPRINGS EMERGENCY, UNITED STATES

Debris Flow & Shallow Landslide Protection

BRUGG
Geobrugg
Safety is our nature

Camarillo Springs Emergency

Debris Flow & Shallow Landslide Protection

Project	Camarillo Springs Emergency
Location	Camarillo, CA
Country	United States
Year of installation	2015
Customer	City of Camarillo
Engineering	Kane Geotech, Inc.
Contractor	Access Limited Construction Co., Inc.
Initial situation	After wildfires stripped the hills bare of vegetation, torrential rains during the monsoon season of 2014 created significant debris flow events impacting and devastating homes. With the 2015 El Niño approaching, preventive measures were quickly installed in the hillsides above Camarillo Springs as the primary mitigation measure against future debris flows.
Description	The City of Camarillo hired the engineering company Kane Geotech, Inc. (Kane Geotech) to design debris flow mitigation measures. Dr. William Kane designed a plan and specified use of Geobrugg's debris flow and shallow landslide barriers placed strategically within high risk gullies (barrancas). At the end of 2015 the City of Camarillo hired Access Limited Construction Co., Inc. (Access Limited) to install the Geobrugg systems. Access Limited worked with Kane Geotech and Geobrugg to have the barriers installed before the rains hit. Geobrugg delivered material and Access Limited completed installation well ahead of the January 31st deadline. El Niño reached California the very next week and the Geobrugg Debris Flow barriers performed as designed. Retention capacity: Barranca 1 = 2,000 CY / 1,530 m³ Barranca 2 = 10,000 CY / 7,645 m³ Barranca 3 =12,000 CY / 9,175 m³ **Total of 24,000 CY / 18,350 m³** Watch the clip on keyt-tv, Santa Barbara
Protected object	Building
Corrosion protection	Galvanized, GEOBRUGG SUPERCOATING
System height	3.5 m, 4.0 m, 6.0 m
System length	6 m - 25 m
Number of barriers	5
Retention capacity	total 24,000 CY or 18,350 m³

For questions please contact our Geobrugg specialist at your side

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