



# PORTO MARAVILHA, BRAZIL

**Impact Protection**

**BRUGG**  
Geobrugg   
Safety is our nature

# Porto Maravilha

## Impact Protection

Project	Porto Maravilha
Location	Rio de Janeiro
Country	Brazil
Year of installation	2013
Customer	Consórcio Porto Maravilha
Engineering	Geobrudd Brasil
Contractor	Consórcio Porto Maravilha / Geobrudd
Initial situation	-
Description	Protection against blasting in the top of a shaft. Structure designed for blocks with 15cm in diameter at velocities up to 40m/s. The mesh used is TECCO G80 4mm. Also geotextile and secondary mesh was used.
Protected object	Infrastructure
System height	N/A

**For questions please contact our Geobruigg specialist at your side**

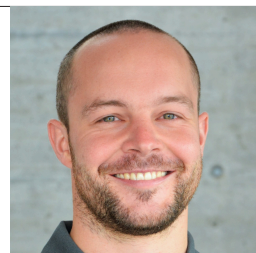
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