



EarthTEC completes major rock face stabilization for Sydney Brickpit

ROCKFALL PROTECTION

REF No. E/RP-922N

Client: Boulderstone Hornibrook
Location: Eastwood, NSW
Project: Austral Brickpit Redevelopment

The existing brick pit at the Austral Brick Works in Eastwood is subject to a redevelopment proposal which involves the infilling of the pit to allow future construction on the reclaimed land area.

As a condition of the Development Application the existing pit walls, which ranged from 20-36m high needed to be stabilised and rock meshed to allow safe working during the filling process. The filling process is scheduled to take three to five years to complete.

The stabilisation works comprised selected tree removal, scaling using a 20m boom long reach excavator, as well as significant areas by hand, using Industrial Rope Access Techniques (IRAT), under the supervision of our qualified technicians.

EarthTEC installed around 18,000sqm of Maccaferri DT mesh rockfall netting around the 550m pit perimeter, along with temporary ground anchors, 25m long drainage holes, rock bolts, and associated works to protect people and property from injury or damage resulting from instability of the existing rock face.

Due to the extremely unstable & fragmented rock face the work site was constantly monitored to ensure the highest safety standards were maintained.

Due to the extremely unstable & fragmented rock face the work site was constantly monitored to ensure the highest safety standards were maintained. The rockfall mesh was connected to a series of grouted anchors by steel wire rope and deployed using the rope access techniques.

The staged works program allowed for incremental access to the rock face as sections of the operating pit were decommissioned. The completed works represent the largest project of its type in Sydney.

Please contact our Sydney head office to meet with an EarthTEC representative in your state to discuss your project:

E info@earthtec.com.au
T +61 2 9420 8610
F +61 2 9420 8650



ISO 4801:2001
ISO 9001:2000
ISO 14001:2004