

TVIRD CANATUAN MINE SILT FENCE

Siocon, Zamboanga del Norte, Philippines

ENVIRONMENTAL / GEOTECHNICAL / SILT FENCE

Product: Maccaferri MacFence Geotextile

Problem

The Canatuan Mine is the first foreign-funded newly opened mineral exploration project in the Philippines since the passing of Philippine Mining Act of 1995. The mine is wholly owned and operated by TVI Resource Development, the Philippine operating affiliate of TVI Pacific (a resource company based in Calgary, Alberta, Canada). The site is located in the town of Siocon, Zamboanga del Norte, Philippines. It is based on a Copper/ Zinc massive sulphide mineral deposit .

During restoration works at the disturbed areas of the mine site, loose sediments were observed all over the place. To prevent erosion and large mass movement, the loose sediments must be contained.

Solution

To contain loose sediments on all over the place, a fencing system using Maccaferri's MacFence, a woven geotextile, was proposed.

MacFence was attached to wooded posts at definite intervals and placed on all areas possibly affected by erosion of loose sediments. Although temporary, the fence system was found to be a better alternative and more economical than other options.



Before Construction

(From TVI)

Project Owner

TVI Pacific

General Contractor

TVI Pacific

Consultant

TVI Pacific

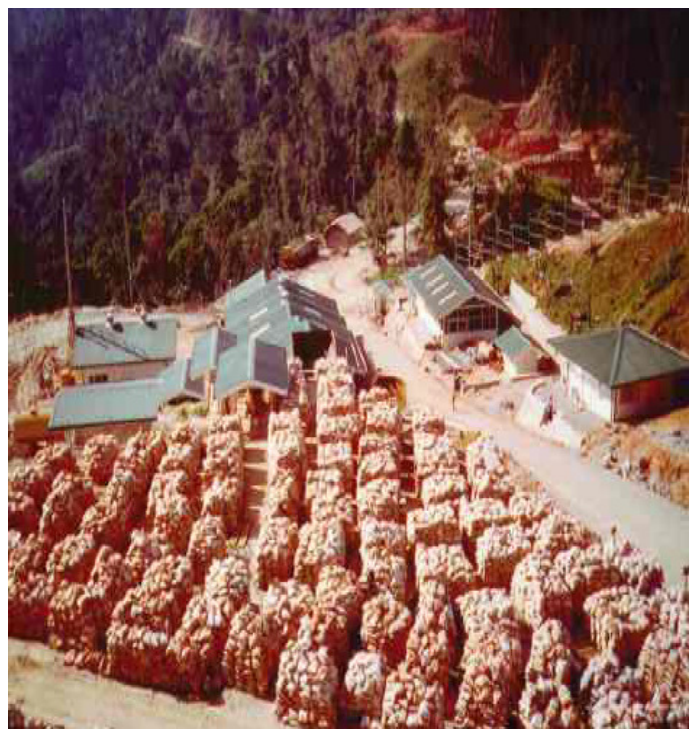
Maccaferri Products

1,000 sq.m. MacFence Woven Geotextile

Construction Info

Start of Construction : September 2008

Completion Date : October 2008



Before Construction

(From TVI)

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MACCAFERRI



Project Completed

October 2008



Project Completed

October 2008

MACCAFERRI (PHILIPPINES), INC.

Unit 30-C, 30th Floor, Rufino Pacific Tower, 6784 Ayala Avenue, Makati City 1226, Philippines
Tel. and Fax. (+63-2) 813-0211
E-mail: sales@maccaferri.com.ph Web site: www.maccaferri.com.ph



Engineering a Better Solution