

### DIDIPIO GOLD - COPPER MINING ROAD ACCESS PROJECT QUIRINO—NUEVA VIZCAYA, PHILIPPINE

ENVIRONMENTAL / GEOTECHNICAL / GRAVITY RETAINING WALLS AND SLOPE PROTECTION

**Product:** PVC & Zinc – Coated Gabions & Non - Woven Geotextiles

#### Problem

OCEANA GOLD Philippines — a reputable mining company, is constructing a 24 kilometer access road to the mining site at Didipio Nueva Vizcaya Philippines. Prior to the construction of the access roads, series of mountains needed to be cut.

Results of the mountain cut sections are slope that were unprotected that were prone to failure cause by soil erosion. Some portions of the slope already collapse.

#### Solution

The solution proposed by Philippine Gabions Inc. (PGI) and Infratex Philippines Inc. (IPI) is to use a soil erosion control method for the undisturbed slopes and Maccaferri Gabions for the disturbed / collapsed slopes as toe protection.

OCEANA GOLD Philippines - the client, approved to use the Maccaferri Gabions taking into considerations the availability of boulders at site, the convenient construction method, the economic outcome and the long term solution to the problem.



During Construction

Date : March 2007

Client name:

OCEANA GOLD Philippines

Main contractor name:

INFRALEX PHILIPPINES INC.

Consultant:

OCEANA GOLD PHILIPPINES

Product used:

1,936 SQUARE METER - GABIONS  
4,800 SQUARE METER - MAC TEX GEOTEXTILE

Construction info

Construction Date	APRIL 2007
Completion Date	ON GOING



During Construction

Date : June 2007



# MACCAFERRI



Project Completed

Date: July 2007



Project Completed

Date: August 2007

## Maccaferri Asia

Unit 511, Block G, Phileo Damansara 1, 46350 Petaling Jaya, Selangor, Malaysia

Tel : ( + 60 ) 3 7957 8330—Fax ( + 60 ) 3 7957 9080

E-mail: [mm@maccaferri-asia.com](mailto:mm@maccaferri-asia.com) - Web site: [www.maccaferri.com](http://www.maccaferri.com)

