CASE HISTORY
Ref: MM020 — Rev:00, November 2007

ROCKFALL & LANDSLIDE
TAMAN IRAMA, KUALA KELAWANG, NEGERI SEMBILAN, MALAYSIA

SLOPE STABILIZATION & PROTECTION
Product: MACCAFERRI ROCKFALL PROTECTION SYSTEM (MAC.RO.™)

Problem
A neighbourhood of low-cost single-storey houses in Taman Irama and a predicament that leaves its residence in a fix for the last 20 years - this is the backdrop on how Maccaferri comes into the frame of this project.

There are multiple rows of single-storey houses in this neighbourhood and all have received their Certificate of Fitness (CF), except the last row. This row of residence had been residing in their homes without CF in the last 20 years or more. It is simply because this row is closest to a slope whereby debris and rock fall threatens the safety of its residence. The local council refused to issue the CF until the safety issue is addressed.

Solution
In order to strengthen the slope and provide protection against fall of debris and boulders (sized between 1 - 1.5m³), we proposed our MAC.RO.™ System using the HEA Panel with Enkamat and Rockfall Netting. Not only did this system provide the safety element as its primary function, it also blended delightfully with its residential surroundings.

Client:

MAJLIS DAERAH JELEBU

Main contractor:

MEDAN KURNIA (M) SDN BHD

Consultant:

KR ASSOCIATES

Products used:

ROCKFALL NETTING, HEA PANEL & ENKAMAT

Date of construction:

JULY - SEPTEMBER 2007