CASE HISTORY
Ref: MM036 — Rev:00, November 2009

ROCKFALL & LANDSLIDE
TAMAN BUKIT SEGAR 2, CHERAS, KUALA LUMPUR, MALAYSIA

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

Problem
Due to frequent landslides and rock falls during the rainy spells, Dewan Bandaraya Kuala Lumpur has appointed Kumpulan Ikram Sdn Bhd to carry out a study on existing slope located at Taman Bukit Segar 2 housing area.

The study shows that there is a potential risk of falling rocks to the housing area below.

Solution
As a result of the study, the consultant invited Maccaferri to propose a solution to catch possible rock falls. After much considerations, we have proposed our High Resistance Rockfall Barrier System, CTR/05/07B based on the following:

a. Site Observation.
b. Consultant’s input that predicted boulder size to consider in the design up to 1.5m³.
c. Proposed location of the rock fence.
d. Rock fall analysis carried out.

This system was chosen because it is cost effective and is able to catch falling boulders with impact up till 500 kJ. It took just 2 weeks to install the barrier.

Upon completion the client and contractor were very pleased with the performance of this certified CTR System and ease in its construction.

Client:
DEWAN BANDARAYA KUALA LUMPUR (DBKL)
Main contractor:
SUHATI SDN BHD
Consultant:
KUMPULAN IKRAM SDN BHD
Products used:
ROCKFALL BARRIER SYSTEM - CTR/05/07B
Date of construction:
SEPTEMBER - OCTOBER 2009

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