



environmental
engineering

Environmental Protection

CASE STUDY

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SCOUR PROTECTION

BUNNS CREEK
Daintree, FNQ

CLIENT: Ken Mac Constructions

DATE: 2009

PRODUCTS: Gabions, Rock Mattress
NW Geotextile

PROJECT OUTLINE: The construction of a new river crossing required the installation of gabions and rock mattress as scour protection to bridge abutments

The construction required the deployment of resources intermittently due to the many delays created by the unpredictable nature of the weather.

What was initially considered to be a minor works project became a challenge to meet the required tasks.

Localised flooding created hazardous conditions for the construction teams with daily dewatering and site prep being the initial ritual for pre-start.

The successful completion of the works taught lessons that become valuable on similar sites on other projects.

