

CASE STUDY

COROGLEN CULVERT REPAIR

COROMANDEL

MAGNUMSTONE® MASS CONCRETE BLOCK RETAINING SYSTEM



CONTRACTOR	Higgins Contractors
CLIENT	NZTA
LOCATION	Coroglen, Coromandel
PRODUCTS USED	MagnumStone

**ADVANCED
GEOSYNTHETIC
SOLUTIONS**

PROJECT

Located on one of Coromandel Peninsula's busy routes, a small culvert near the town of Coroglen needed to be upgraded. In the past the contractor would have typically opted to apply traditional 'rock rip rap' on the slopes on either side of the culvert at a batter of approximately 1:3-1:2. However, a gradient like this would have meant relocation of the existing farm fence and created a lot of extra work and hassle.

DESIGN

MagnumStone was selected as the preferred solution for this project. Cirtex was approached by the contractor to assist with the block configuration which allowed them to quickly adapt MagnumStone Blocks to the site.

INSTALLATION

Once the design was finalised, the contractor was able to quickly complete the installation of the MagnumStone within 2 days.

The MagnumStone Mass Block System used provided the following benefits to the project:

- Fast installation
- Reliable supply
- Near-vertical facing minimised disturbance to the site



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