



environmental
engineering

Silt Control

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STORMWATER MANAGEMENT – EROSION AND SEDIMENT CONTROL

Cape Flattery Silica Mines

Installed by Groundwork Services

CLIENT

Cape Flattery Silica Mine

DATE

May 2008

PRODUCTS

Erosion Control
Slope Stabilisation

PROJECT OUTLINE

Following prolonged wet seasons, there were unacceptable levels of sediment loading being transported to the downstream drainage system from the surrounding terrain ready to impact upon the receiving coastal waters. A request by the mine Environmental Consultant and Senior Site Executive, to provide remedies to the problem was received by Groundwork Services.

From height, water carried eroded material that has been managed by a treatment train of remedies. Coir check dams, stepped weirs, coir edge treatments, gabion settling ponds installed manually, presented a system that will accept new plantings for revegetation.

The system awaits the next deluge, by such time natural elements will combined to secure the remedies into a cohesive section of the and form.

Groundwork Services were able to complete the tasks on time which were also commercially acceptable to the client.

