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## ROCK MATTRESS SCOUR PROTECTION

El Arish, FNQ

Installed by: Groundwork Services Pty Ltd

**CLIENT:** United Group

**DATE:** 2008

**PRODUCTS:** 170mm deep Rock Mattress

**PROJECT OUTLINE:** The construction of a new electrical switching yard required the stormwater runoff to be distributed across the site.

To protect the area from scour from the runoff, rock mattress scour aprons were designed to be installed around the culvert outlets.

In conjunction with the outlet protection, a wider section of protection was also used to cover the downslope of a batter where the overland runoff from the switching yard was diverted.

Gabion retaining walls were also constructed around the new transmission tower and as seen here, at the site boundary next to the rock mattress protection.

The works were completed satisfactorily and kept to the client's timeframe.

