

# GEOFABRICS® MAUDSLAND GEOWEB



CIVIC & LANDSCAPING

## CASE STUDY

GEOFABRICS CONTACT  
**LANCE SIMKIN**

**PROJECT LOCATION:**  
MAUDSLAND, GOLD COAST

**DESIGNER:**  
GEOFABRICS AUSTRALASIA

**HEAD CONTRACTOR/  
INSTALLATION CONTRACTOR:**  
SCREEN AND BLIND MASTER

**END USE CLIENT:**  
PRIVATE HOMEOWNERS

## PRODUCTS USED

### GEOWEB® 30V 75MM 8 X 29 CELLS

The Geoweb® geocell cellular confinement system is the most advanced soil stabilisation technology available.

It was initially developed by Presto Geosystems together with the US Army Corp of Engineers to allow heavy vehicles to travel over soft ground.

It is widely used for load support, erosion control, slope stability, retaining structures and high velocity channels.

The Geoweb® system consists of a robust three-dimensional structure housing a network of interconnected cells that confine and compact soil.

The confinement action prevents erosion and improves the structural performance of the soil or aggregate infill providing an alternative to reinforced concrete or armour.

The Geoweb® cellular confinement system comes in collapsed, lightweight panels which can be handled easily and safely onsite.

## PROJECT DESCRIPTION

The property owners are located near the Nerang National Park, in an area surrounded by forestry. They wanted to transform the area behind their home using vegetation inspired by their environment.

## CHALLENGE

The key issue was the slope on the property next to the swimming pool. Being steep, vegetation would need to be supported by a structure to ensure that it grew correctly.

Alternative products like Jute Mesh that are typically used in landscaping projects similar to this one wouldn't be suited to the slope or the climate, as the area experiences intense heat and heavy rainfall events.

## OUR SOLUTION

After discussions with the homeowners, the contractor, and Geofabrics, Geoweb® was put forward as a solution. The contractor installed the Geoweb® with success, and a creeper was placed within the cells to support the vegetation.

Geoweb® is a stronger solution and once it's installed and vegetated, it will be there for life. After several heavy rainfall events, the vegetation has stayed strong and continues to grow.

