

# Soil Erosion Solutions

*Helping north coast landholders reduce soil erosion*

## Safe diversion of water



**Diversion bank constructed**



**Matting installed**

*Landholder: Ian Clapham*

*Location: Richmond catchment*

*Land use: 25year old macadamia orchard*

*Soil Erosion Solutions Grant: \$10,000*

*Landholder's in kind contribution: \$14,500*

**The site:** A 25 year old macadamia orchard on Emigrant Creek with large areas of sheetwash.

**The outcomes:**

- improved water quality leaving the orchard
- less water entering the orchard
- surface water directed to dam or grassed areas.

### The project

The project aimed to divert water draining from neighbouring property before it entered the orchard. Works were undertaken as follows:

- windbreak between the two properties removed and mulched
- broad shallow diversion bank constructed
- excavated soil used in low profile mounds along the adjoining eroded tree rows
- carpet grass and millet sown in all areas
- erosion control matting installed in drainage lines.



**Grass grown over matting**



**Northern Rivers**

**CMA**

CATCHMENT MANAGEMENT AUTHORITY

  
**Natural Heritage Trust**  
*Helping Communities Helping Australia*  
An Australian Government Initiative

  
**LANDCARE**

  
NSW DEPARTMENT OF  
PRIMARY INDUSTRIES

**Landholder projects**

*funded by Northern Rivers CMA*