

# CASE STUDY

## QUICK FACTS

**Landholder**

Graham and Glenys  
Mansfield

**Project**

Queensland  
Government's Natural  
Resource Investment  
Program 2019

**Location**

Sarina Range, 19km  
west of Sarina

**Area**

80 hectares of grazing

**Enterprises**

Brahman stud, beef  
cattle and free-range  
pork

**Rainfall**

1700mm per year



Graham and Glenys Mansfield

## BACKGROUND

Graham and Glenys Mansfield own and manage a mixed grazing enterprise 19 kilometres west of Sarina township. Through the Queensland Government's Natural Resource Investment Program, they are undertaking activities that improve soil health stability and the quality and flow of surface and instream water entering the Great Barrier Reef.

In addition to their grey Brahman cattle stud, they produce free-range Berkshire and large black pigs for local markets. Graham and Glenys purchased the 80-hectare property in 1997 and set about increasing their usable land area, which had been severely impacted by woody weeds and lack of infrastructure.

The Mansfields undertook weed control and pasture improvement activities, installed riparian fencing along West Funnel Creek and attended several workshops on soil health. Their sons Jason, a qualified veterinarian, and Shaun are hands-on assisting their parents to improve the management of livestock and pastures.

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## WHAT'S HAPPENING?

Committed to improving their land and water systems, the Mansfields received funding in 2017 through the Queensland Government's Natural Resource Management Water Quality Grants to install 1.95 kilometres of riparian fencing to control stock access to West Funnel Creek.

This year, they have committed to continued property improvement by accessing funding through the Queensland Government's Natural Resource Investment Program to undertake weed control activities that improve the quality of groundcover in the riparian zone protected by the fencing. In addition, pasture improvement activities will increase palatable, productive and perennial pasture species, leading to greater resilience and improved productivity.

A higher quality of ground cover in the steeper grazing country will result in reduced sediment loss in high rainfall events.

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## ACHIEVEMENTS TO DATE

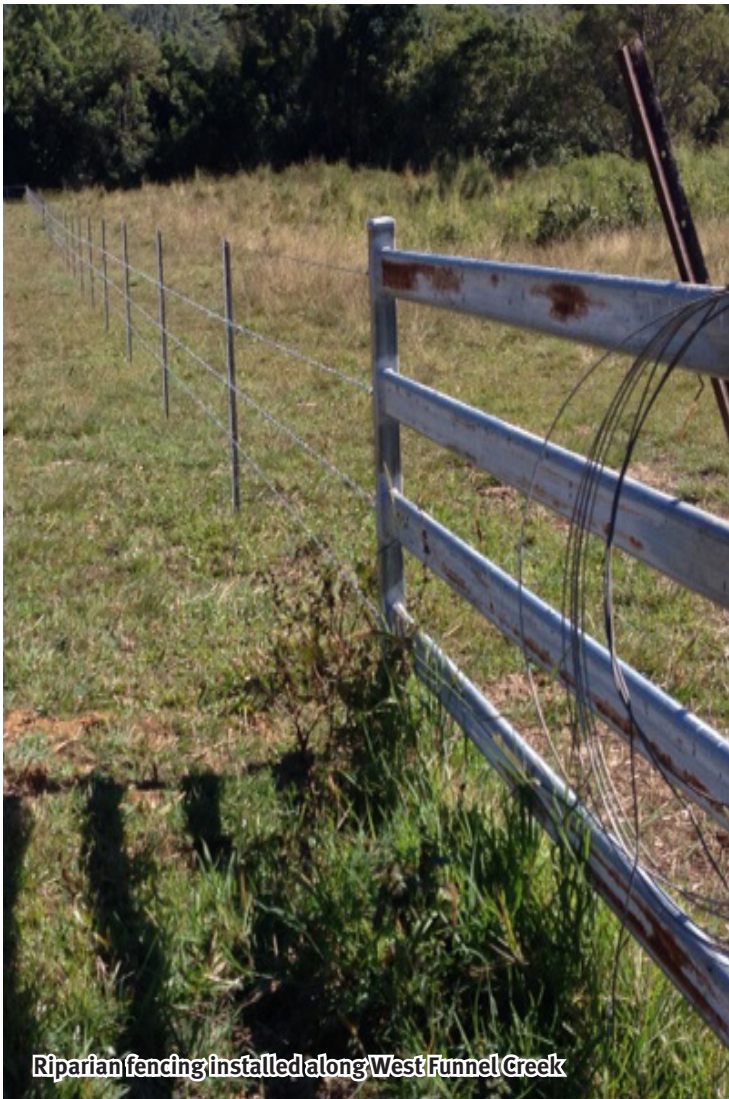
- Undertaken pasture improvement activities (weed control, reseeding of preferred species) on 18 hectares of grazing land
- Undertaken woody weed control and removal on 5.5 hectares of riparian area to enhance previously installed fencing
- Undertaken property planning and mapping

**BEING INVOLVED IN THIS PROJECT HAS GIVEN US TIMEFRAMES TO WORK TOWARDS AND ADDED INCENTIVES AND ACCOUNTABILITY TO PROGRESS OUR OPERATION**

## FUTURE GOALS

- Ongoing property improvement to ensure both environmental and economic sustainability.
- Further fencing to maintain pasture quality and quantity
- Ongoing control of woody and herbaceous weeds

Glenys said: "Our number one goal is to conserve the local heritage through sustainable farming practices."



## WHAT IS NRIP?

**THE QUEENSLAND GOVERNMENT'S NATURAL RESOURCE INVESTMENT PROGRAM COMMENCED IN 2018 AND HAS PROVIDED FUNDING TO NATURAL RESOURCE MANAGEMENT REGION BODIES TO SUSTAIN NATURAL RESOURCES AND IMPROVE REEF WATER QUALITY ACROSS THE STATE. REEF CATCHMENTS WAS SUCCESSFUL IN THEIR BID TO RECEIVE FUNDING TO UNDERTAKE TWO REGIONAL PROJECTS.**

▶ **IMPROVING THE RELATIVE ECOLOGICAL CONDITION OF FRESHWATER STREAMS AND WETLANDS IN THE MACKAY WHITSUNDAY REGION**

▶ **ADDRESSING PRIORITY SUB-CATCHMENT WATER QUALITY TARGETS THROUGH GRAZING MANAGEMENT INTERVENTIONS**

**THE FUNDING REFLECTS THE ONGOING COMMITMENT OF BOTH THE QUEENSLAND GOVERNMENT AND REGIONAL NATURAL RESOURCE MANAGEMENT BODIES TO ENSURE THE STATE'S NATURAL LAND AND WATER RESOURCES ARE SUSTAINABLY MANAGED.**



**Queensland  
Government**

**This project is funded through the Queensland Government's Natural Resource Investment Program and Reef Catchments**