

Supporting landholders to save their soils & the reef

GULLY REMEDIATION IN THE FITZROY



The Luck family were one of four project participants who hosted field days, thus enabling landholders to learn how to address gully erosion and implement Natural Sequence Farming practices to improve soil hydration and water retention.




“The knowledge gained during this project has given us confidence to make the extra effort towards addressing the problem; knowing that there will be a positive outcome, rather than doing something else that might not work.”

*Russell and Sheryl Purvis
Project Participants*



1,256 tonnes*
fine sediment
savings annually



\$2.81 million



April 2016 –
June 2019

AIM

Reduce fine sediment leaving agricultural properties and entering the Great Barrier Reef.

PROJECT SUMMARY

- Over 190 landholders canvassed, 44 landholders engaged across five Fitzroy subcatchments
- 176 property visits and 56 site assessments
- 53 erosion management plans developed
- 3,441 hectares of gullies and vulnerable land (i.e. scalds) fenced for stock exclusion
- 140 hectares of gullies treated through erosion control structures
- 652 erosion control structures constructed, including:
 - porous check dams (installed at 33 properties)
 - whoa-boys
 - contours and diversion banks
 - stick rake lines
 - rock chutes (installed at two properties)
 - alternate water points
- Four demonstration site field days to promote gully remediation and soil saving management practices

OUTCOMES

- Effective relationships with 44 landholders who manage a combined 395,554 hectares, all of whom now:
 - have the skills and knowledge required to address gully erosion
 - understand and implement land management practices that reduce soil loss from their properties
- 64 landholders attended four demonstration site field days
- Four case studies featuring the significant local gully remediation works for Fitzroy landholders to draw from
- 1,256 tonnes* of fine sediment stopped from entering waterways and the Great Barrier Reef lagoon annually

* Source: modelling from endorsed project site reports

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