

... sustainable land practices  
enhancing the Great Barrier Reef

## the people

Greg and Barb Lines own and operate their 150 acre property 'Myee', located about 5 kilometres west of Dallarnil. The property is bounded on the western and southern sides of Degilbo Creek, a major tributary of the Burnett River. Greg and Barb generally stock the property with weaner heifers and steers bred on their home property at South Kolan.

## the opportunity

Cattle have a restricted access to Degilbo Creek, with some fencing and a long steep and lengthy rocky section of creek bank preventing access to most of the creek bank through the property. However a short low creek bank area is able to be accessed by stock, and there is potential for erosion and sedimentation from cattle using this access. It would not be feasible to fence off this section, as even minor floods would destroy the fencing here.

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fencing here.

Prior to involvement with the Grazing Reef Water Quality Grants and Partnerships program, most paddocks were watered by direct access to this one low-bank section of the creek. This meant that although the property is subdivided into several paddocks, gates needed to be left open most of the time so that cattle had access to water.

had access to water.

## the project

Greg and Barb recently installed a solar pump on a high bank near the creek, with water pumped to a tank, and piped to two troughs. Greg wished to be involved in the program to look at establishing some more water points, so that stock in all paddocks would not need access to the creek for water.

With assistance from BCCA Extension Officer Peter Crawford, Greg developed a plan to improve the overall water infrastructure with the objective of reducing the impact of cattle directly accessing Degilbo Creek for water.

The project has provided funding which has resulted in a further three troughs being installed and connected to the existing system by 50mm poly pipe.

## the results

This project has achieved a very beneficial outcome, in terms of reduction of sediment into Degilbo Creek, and improved grazing management outcomes due to the ability to shut more gates. Cattle will still have access to the creek in one paddock (which is basically an overflow area) but as cattle tend to prefer to drink clean water from a trough, it is likely that even in this paddock stock will not continue to water from the creek.



Greg Lines overlooking Degilbo Creek from where water is pumped. The steep and rocky bank here prevents cattle access.



Cattle access point on Degilbo Creek



Greg's unique in-fence trough installation. The suspended bar will act as a barrier to cattle, whilst allowing a beast to escape should one get into the trough.

## the future

Greg and Barb are very happy with the outcome, and to BCCA for providing a small amount of assistance to facilitate with the change.

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