

## reshaping gullies and return to pasture

<b>Landholder</b>	Keith Doherty
<b>Map reference</b>	10
<b>Land use</b>	Grazing and future cabinet timbers
<b>Soil Erosion Solutions Grant</b>	\$5,940 (hire of earthmoving equipment, purchase seed and mulch)
<b>Landholder's in-kind contribution</b>	\$5,940 (labour, tractor work)

### The site

The landholder had already done some work to reduce soil erosion on the property, and had identified four gully sites that needed remediation.

### The project

- Cattle were temporarily excluded from the rehabilitation sites.
- Some gates and sections of fences were removed to allow access for machinery.
- Eroded sections were reshaped, lined with rock and covered with topsoil.
- One very steep slope was terraced to slow down water flow.
- Slopes were detailed to allow slashing for maintenance.
- Disturbed soil was fertilised, seeded with grasses and mulched.
- Straw bales were placed across slopes to minimise soil and seed loss.

### The benefits

- More productive pastures that are easier to maintain.
- Less sediment in Boggy Creek.



Hay bales slow down water on a steep slope

### Landholder's experience

What was the **best thing** about this project?

"With our heavy rain in January 2008 it was very satisfying to stand above what was previously the worst section of erosion gully and watch the considerable flow of water travelling on top of the ground over new grass, rather than churning through the gully, tearing away at soil and rock, and depositing it all on the flat land and in the creek below."

What was the **most difficult** aspect of the project?

"The most difficult thing about the project was the sheer time and effort involved in manually cleaning up the surface rock following earthmoving equipment activities, and securing 800 straw bales on steep slopes to keep soil in its place and allow the newly planted grass seed to take."



One of the sites for rehabilitation



Reshaping in progress