



## RCI & ESI Report – August 2023

Nadi Lane, August 2023





Riparian Condition Improvement  
&  
Agricultural Practice Improvement

# Upper Alcorn Creek Riparian Fencing

- 1500 Trees planted –  
March 2023
- LEG funding for the  
tubestock and weed  
control



# Falls Creek Revegetation & Wildlife Corridor



LEG – Targeted weed control around dam



- Dam overflow repaired with concrete matting
- Erosion scold has been ripped, mulched and replanted



# Erosion and Sediment Control Program

# Burgum Road

Feb 2022





March 2023 – before project commencement

- Landslip and gully erosion causing sedimentation and turbidity in Obi Obi Creek.





## Sub surface drainage

- Geofabric
- Ag pipe
- 40 mm screenings



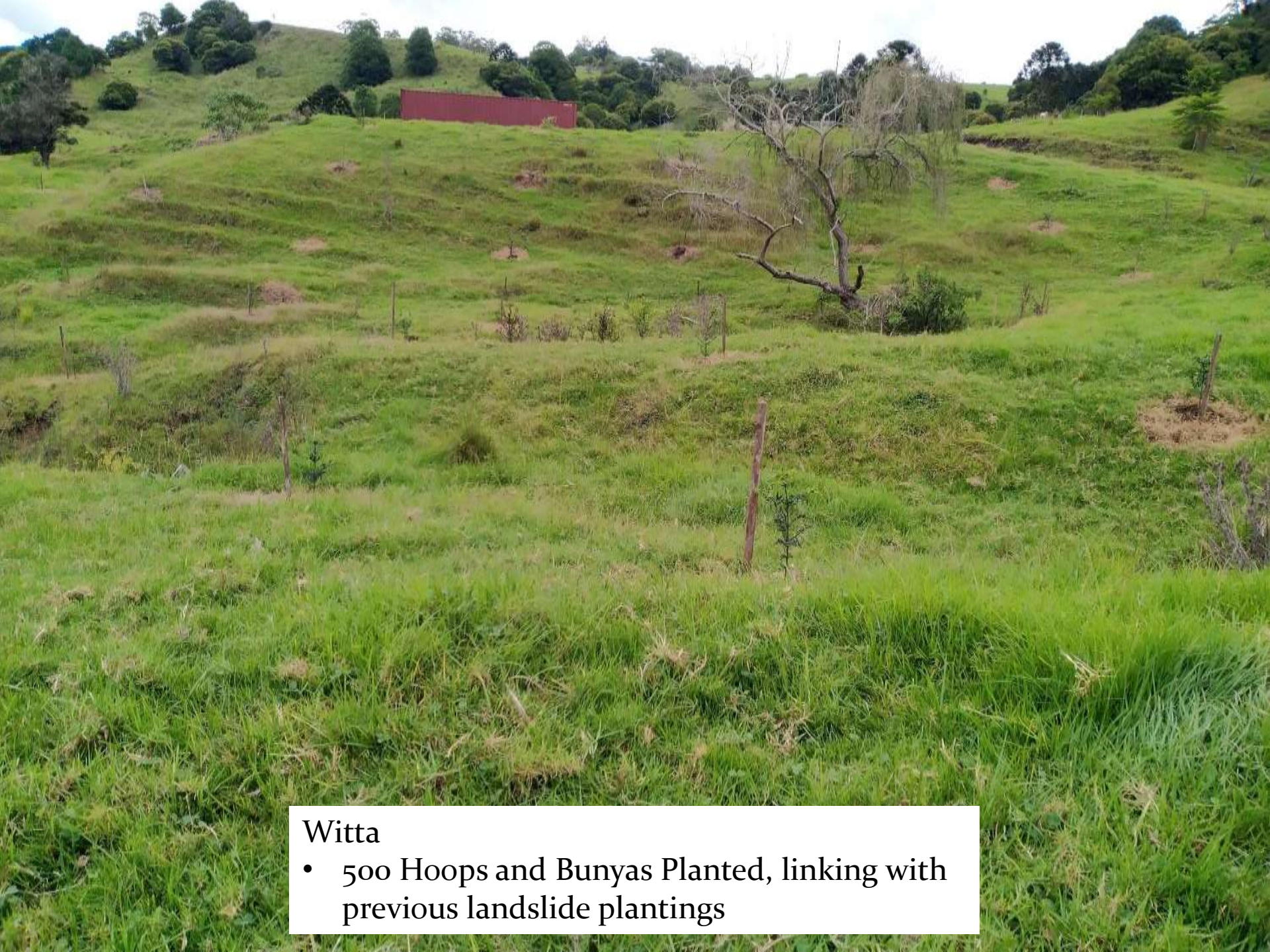
Concrete matting  
used to prevent  
any gully erosion  
occurring.



Landslip Site – Fenced, subsurface drainage, concrete matting and revegetation (350 stems)



- Dam overflow repaired and then protected with concrete matting.
- Fencing and revegetation to strengthen the riparian zone



## Witta

- 500 Hoops and Bunyas Planted, linking with previous landslide plantings

# Witta

- 300 Hoops and Bunyas Planted





## Falls Creek

- 2500 Trees planted, linking with previous landslip plantings
- Completed yesterday



- Landholder's property is very important, due to its location to Seqwater offtake.



- Numerous areas of instability are present in the planting area
- 10% of the trees planted were Bunyas (250), to assist with the stabilisation over time



# Bridge Creek

- Access tracks upgraded with gravel and piped crossings.
- 6,000 trees under maintenance.
- 3,000 trees to be planted once drainage wells have been completed (ESC Program).
- 2,000 trees to be planted (RCI & API program).



- Landholder supplied two black max pipes for the crossings
- 4 Pipes installed
- 5 loads of gravel spread over the track in key spots.





Feb 2022 damage – Leading into Bridge Creek




The wells will capture the water and then it will be piped to a tank and trough to be used for stock water

Moisture moves through the soil profile and then falls into the subsurface drainage, which then flows to the well, and then into poly pipe and away from the slip zone.







Subsurface drains –  
Capture water  
moving through the  
soils profile

Poly pipe takes  
water away from  
the slip zone,  
that collects in  
the pipe



Well 2 - Completed with subsurface drainage running to the two rocks



Water running in from the top well  
Site 1: 3,927 L/Day  
Site 2: 1,353 L/Day





Site 1 - Completed

## Well 1

- 31-5-23 –  
5,760 L/Day
  
- 26/7/23 –  
3,927 L/Day





Site 2 – Wells installed, further subsurface drainage to be completed.

# Nadi Lane





April/May 2023 – 3,000 trees planted into main slip

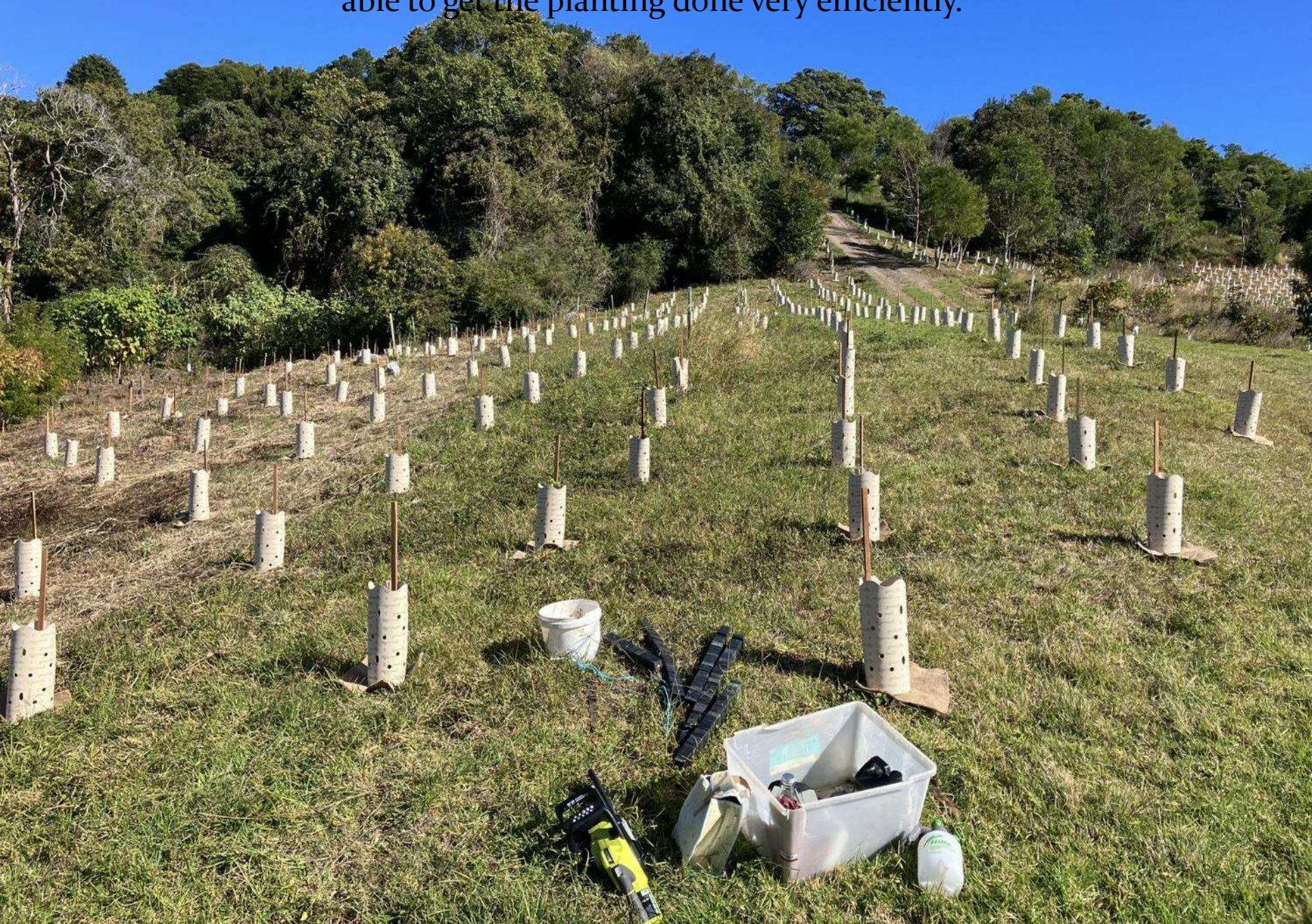


- 850 trees planted at the end of May.
- The diversity of root systems will assist the stabilisation of the site.

Trees planted into the site, between the hoops and bunyas



Good access and mowing from the landholder assisted in being able to get the planting done very efficiently.







Nadi Lane 10-8-2023

- One area left to plant – 400 trees



**Bridge Creek (fencing, weed control & revegetation)**

- Creek system with large areas of instability



- Weed Control – New contractors undertaking brushcutting



Creek fencing – 900 m



Fencing will allow for the revegetation along the creek, and lead to stabilisation of landslip prone areas.

# Future Projects



- 700 trees to be planted
- Links with previous Bridge Creek planting



Future stabilisation project – linking with Bridge Creek

# Maintenance



A full run of maintenance has been undertaken – the dry, cold weather has allowed us to catch-up.