

# Expression Of Interest Corrowong Wallendibby Tombong Erosion Control Project Description

Date ...14/09/09...

Property owner/s Name: ... *Rowan Wright & Maggie Janstad* .....

Property occupier/s Name (if different from owner).....

Contact person: .....*Rowan Wright*..... Telephone: ...*64588134*.....

Address: ...*Knockalong, Tombong Road, Delegate NSW 2633*.....

Are you a landcare member:.....

**From the original erosion control project carried out in the 90's, do you have any maintenance works that require attention, from the initial erosion works?**

**Yes**.....No.....

If yes, please describe the level of maintenance required and the estimated related costs :

*Please Note: This may not have been part of the major project conducted in the Corrowong Wallendibby valleys as this work was carried out in the Tombong valley when Tombong had it's own Landcare group.*

## **Description of debilitated area new works**

Size of debilitated area (ha) ...*10* .. Catchment area (ha): ...*25*.....

Map reference (specify the topographic map & E/N grid references): ... *Tombong 8624-S 70E x 12N* ..  
(eg *Tombong 8624-S 70E x 12N*)

Description of landscape (attach photographs if available):

*Original soil erosion work was done in about 1992 as part of a Landcare project. A silt dam was built and numerous water diversion banks were built from eroded gullies out to ridges or grassed gullies. Since then some of the diversion banks have silted up, particularly at the spillway of the dam causing the water to re-enter the erosion site. One of the diversion channels is too short and is causing some tunnel erosion at its exit point. Other diversion banks have silt that can be used to repair bare eroded areas.*

**Proposed Erosion Control / Rehabilitation**

**Would you like a site visit from the Coordinator or technical expert to discuss your issue? .....**

Contact person: ...*Rowan Wright*.. Telephone: ...*02 64588134*.. E-mail: ...*knock@rowansweb.com*.....

**Proposed Rehabilitation:** (please complete the summary table on the following page):

Example: fencing out 100 long gully, wire weir silt traps x 6 , sediment basin, reveg x 200 trees

*It is suggested that silt be cleaned out of the spillway of the dam and the diversion bank be raised. That the diversion bank causing the tunnel erosion be extended to release the water onto the ridge beyond the erosion site. Any other Diversion banks in need of repair shall be carried out.*

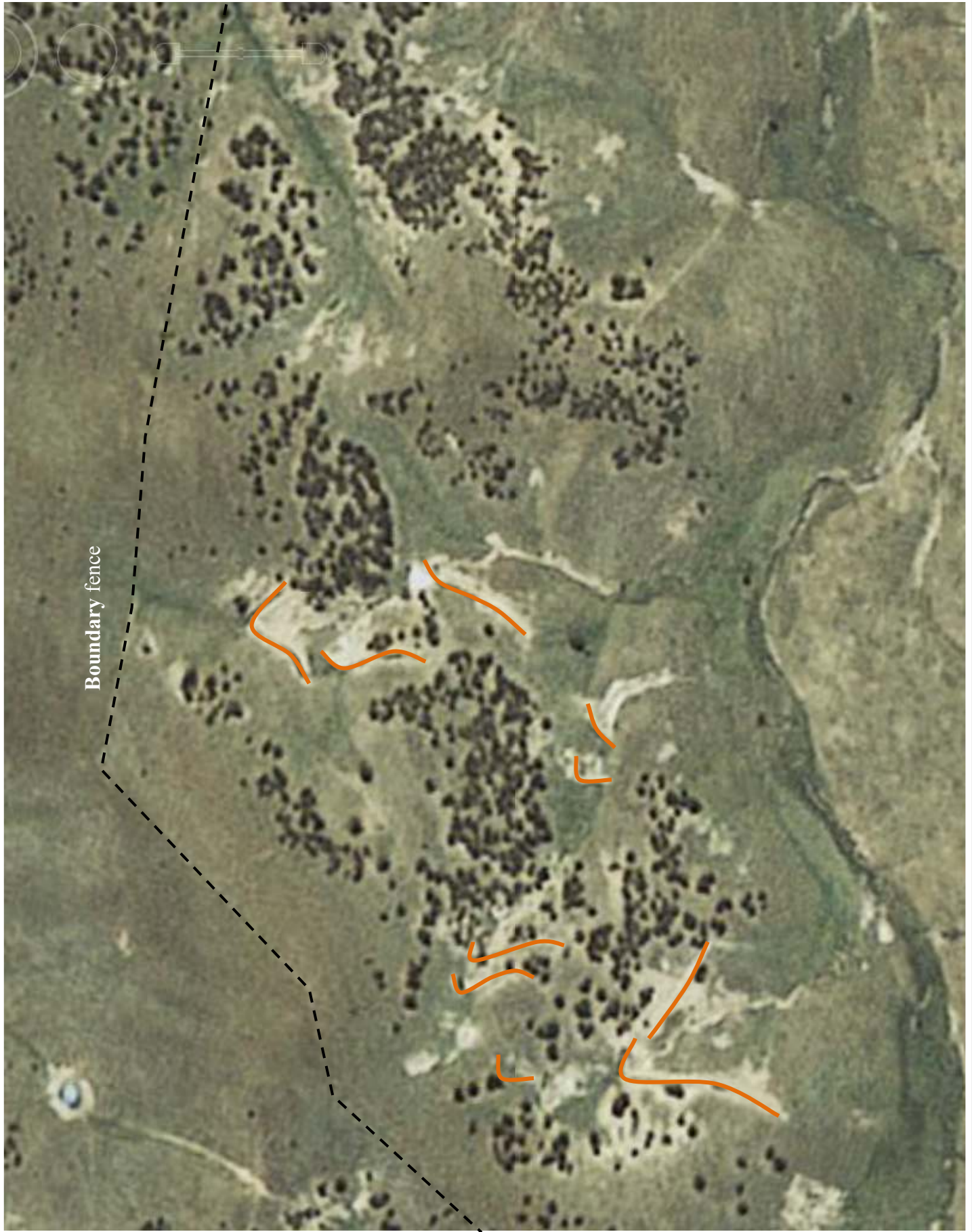
Description of Machinery required with the funding:

*Subsidised funding for the use of the earth moving equipment owned & used by the applicant/occupier*

Description of Materials required with the funding:

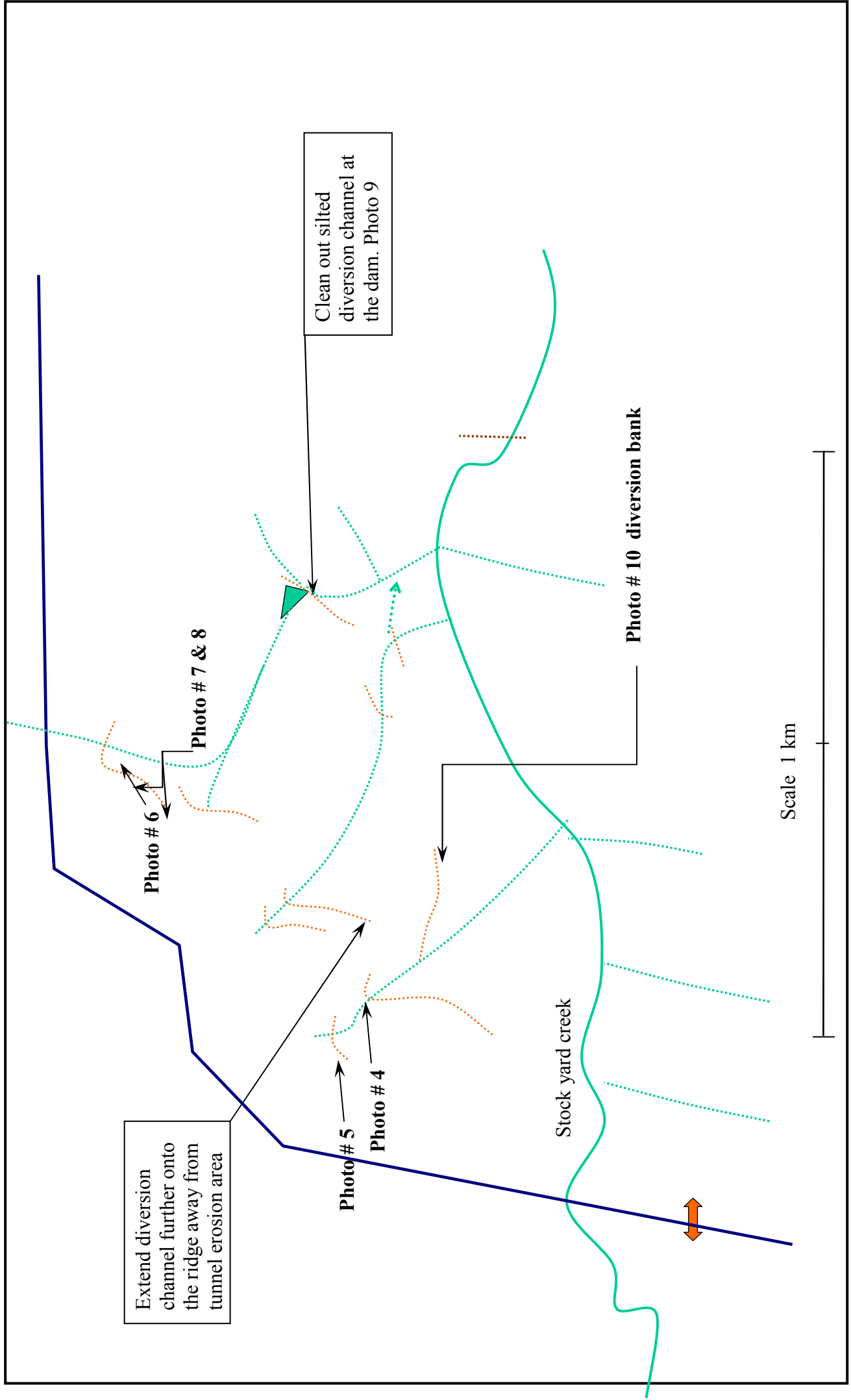
*Diesel Fuel& oil as running costs*

**Attach and number additional pages as required .....**



Boundary fence

Please sketch a mud map of the project area, or attach relevant map/s and photos. Please include names of waterways (if applicable) and a rough scale and orientation.



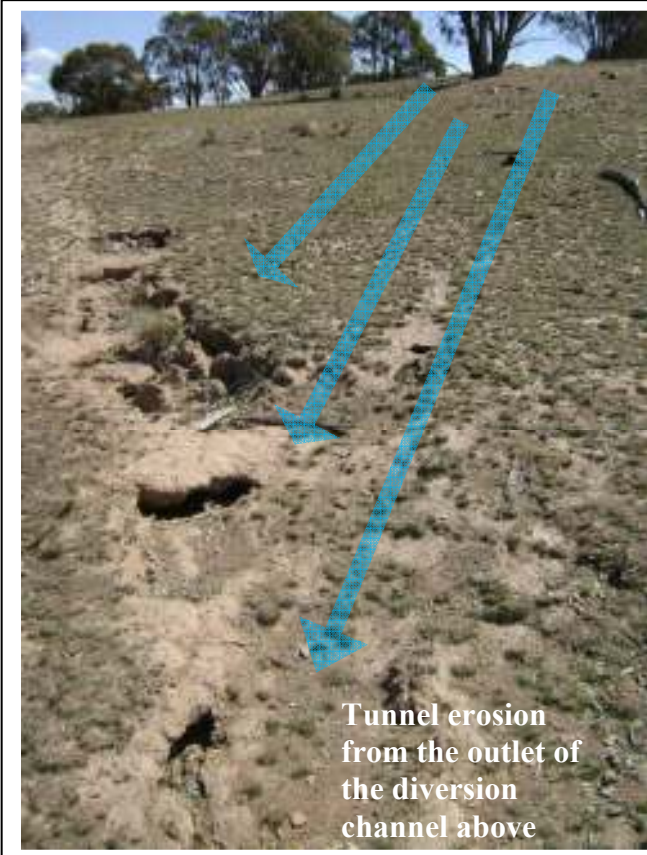
**Photo # 1**



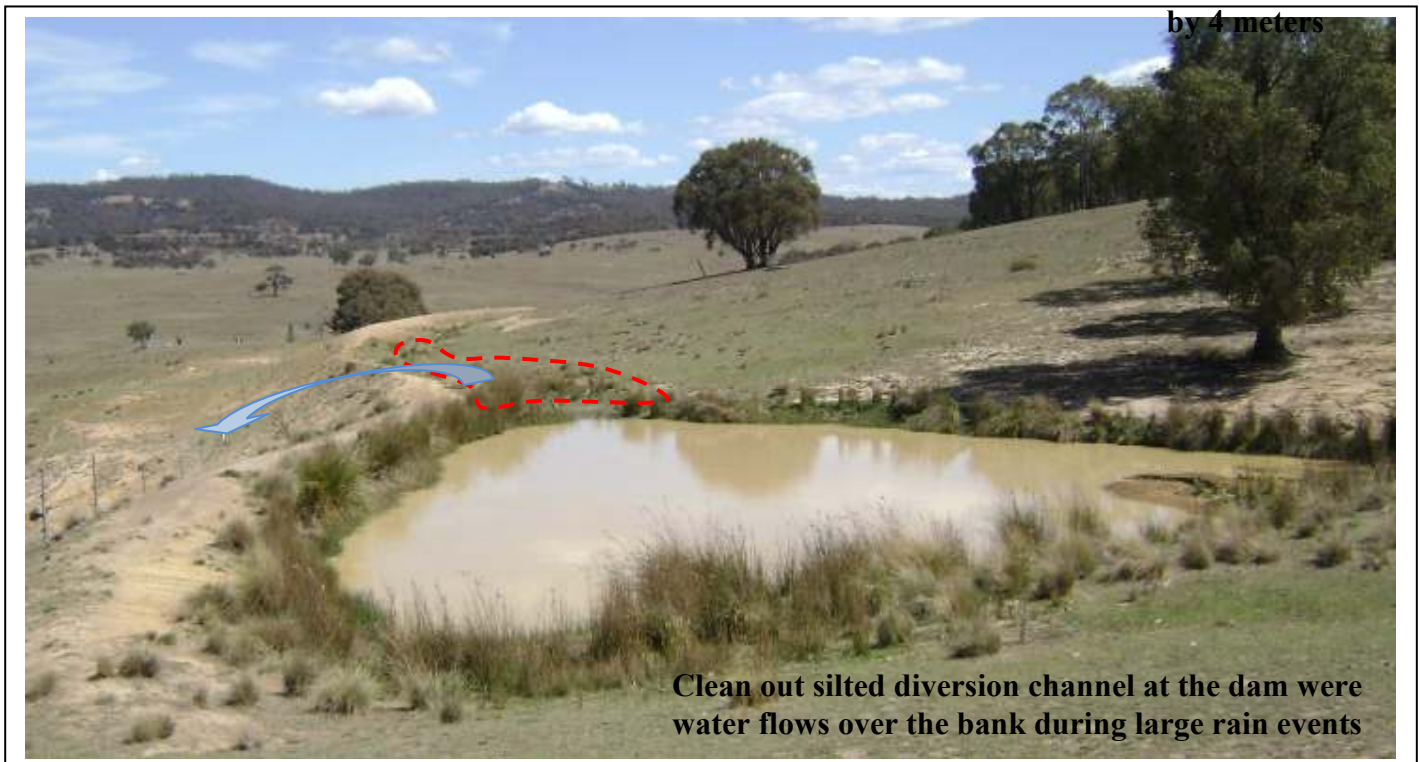
**Extension of diversion channel by 4 meters**

**Photo # 2**

**Extension of diversion channel by 4 meters**



**Tunnel erosion from the outlet of the diversion channel above**



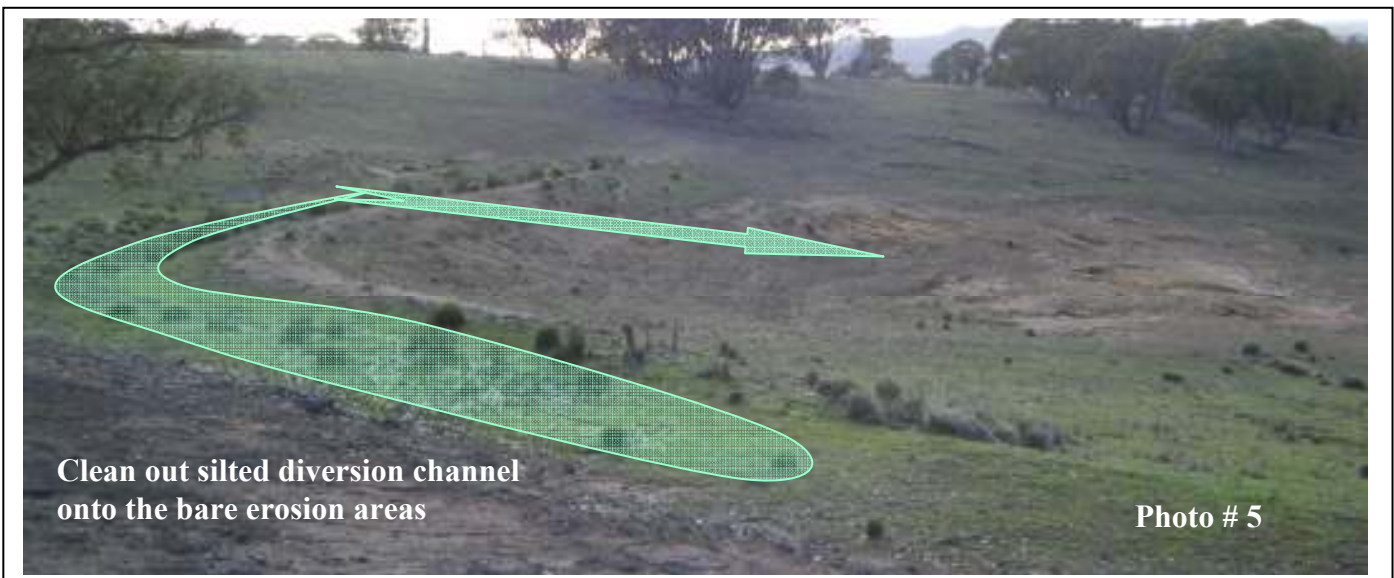
**Clean out silted diversion channel at the dam were water flows over the bank during large rain events**

**Photo # 3**



**Clean out silted diversion channel  
onto the bare erosion areas**

**Photo # 4**



**Clean out silted diversion channel  
onto the bare erosion areas**

**Photo # 5**



**Erosion on the diversion bank to  
be filled with the “island” of  
material, Clean out silted  
diversion channel onto the bare  
erosion areas**

**Photo # 6**



**Photo # 7**



**Photo # 8**

**Proposed Erosion Control / Rehabilitation**

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Description of Materials required with the funding:

*Diesel Fuel& oil as running costs*

**Attach and number additional pages as required .....**



**Table 1. Summary of FUNDED Activities / Materials / Labour Required for Rehabilitation**

Activity (Fencing, earth moving, tree planting, etc)	Description of materials / costs (eg metres of fencing, number of trees)	Machinery required (and estimated no. of hours and hourly rate)	Hire of Labour	Cost \$
<i>Earth moving</i>		<i>Crawler dozer @ \$80/hour for 40 hours = \$3,200  65% of this cost = \$2,080</i>		<i>\$2,080</i>
<b>Sub totals</b>		<b>\$2,080</b>	<b>Labour</b>	
			<b>Total</b>	<b>\$2,080</b>

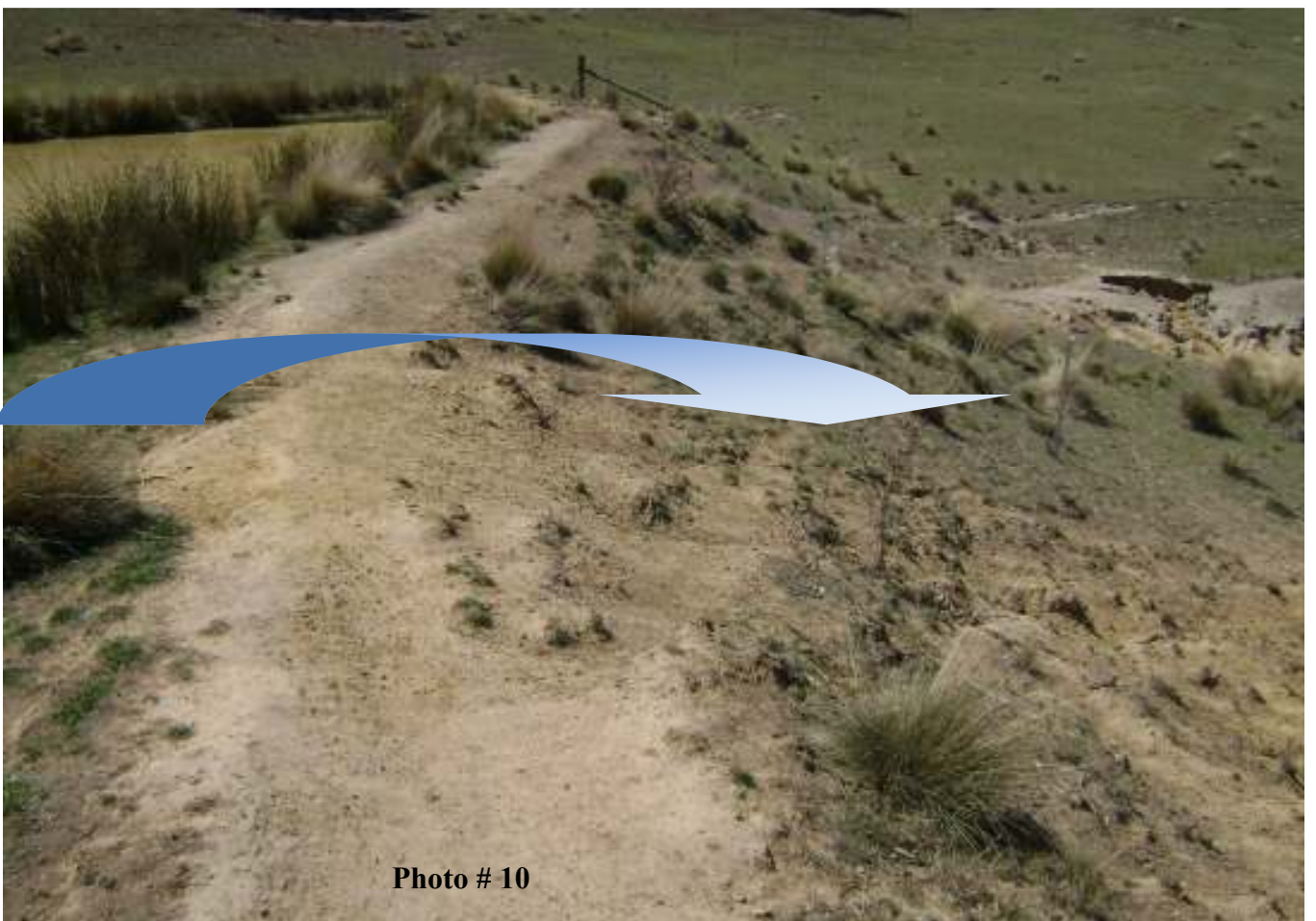
**Table 2. Summary of your “IN-KIND” Activities / Materials / Labour**

Activity <i>(Fencing, earth moving, tree planting, weed or feral animal control etc)</i>	Description of materials / costs <i>(eg metres of fencing, number of trees)</i>	Machinery required <i>(and estimated no. of hours and hourly rate)</i>	Estimated labour required <i>(hrs)</i>	Cost \$
<i>Earth moving – operator labour</i>			<i>40 hours @ \$30/hour</i>	<i>\$1,200</i>
<i>Earth moving</i>		<i>Crawler dozer @ \$80/hour for 40 hours = \$3,200 35% of this cost = \$1,120</i>		<i>\$1,120</i>
	<b>Materials</b>	<b>Machinery Costs</b>	<b>Labour</b>	
<b>Sub totals</b>		<i>\$1,120</i>	<i>\$1,200</i>	
			<b>Total</b>	<i>\$2,320</i>

**How to value your inputs:** labour = \$30/hour  
tractor hire = \$80/hour  
on-going site monitoring = 5 hrs/year for 10 years

**Photography**  
Attach any photographs if available

**Photo # 9**



**Photo # 10**