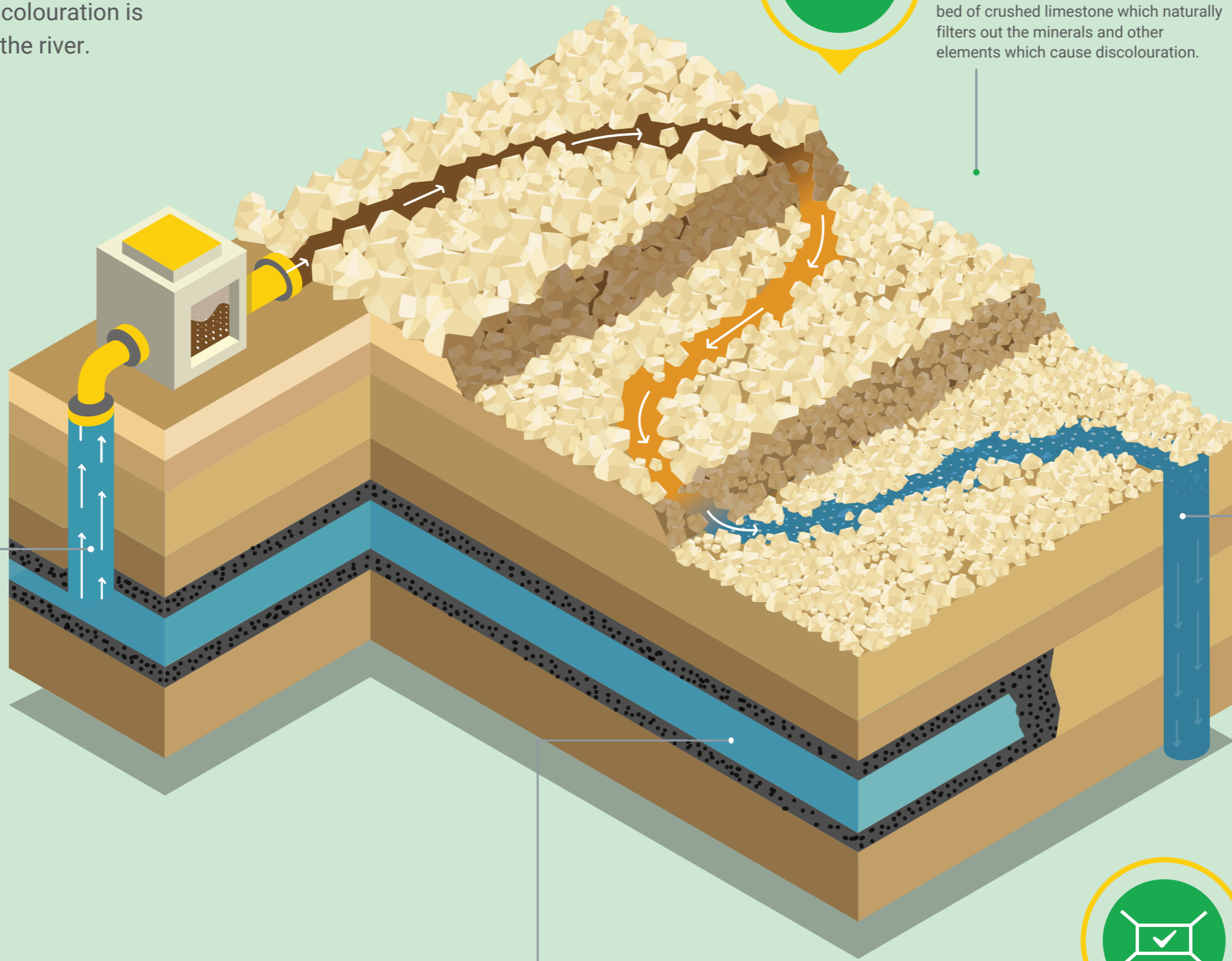


Passive Water Treatment

Through a process of pumping, aeration and limestone filtering the PH levels of the groundwater are balanced and over 96% of the minerals and discolouration is removed before the water flows into the river.



How does this work?

Limestone filter bed

The mineral rich water travels through a bed of crushed limestone which naturally filters out the minerals and other elements which cause discolouration.



What is happening?

Groundwater is pumped from the mine and aerated

This oxygenates the mineral rich groundwater and carries it to surface level.



Has this worked?

It's been very effective – since we installed this passive treatment system total iron concentrations are now <0.5 mg/L compared to 13mg/L in November 2017.



What happens now?

Concrete bulkheads have been installed into the mine to halt the flow of groundwater into the river making this passive water treatment no longer needed.

Boral is continually monitoring the water quality of the Wingecarribee river to meet our strict environmental standards.



What does this mean?

This means that the **level of iron and other metals in the water that flows into the river is significantly reduced** – making it cleaner, and no longer discoloured.

For more information please visit

boral.com.au/berrima-colliery

For any further queries or concerns, please email feedback@boral.com.au alternatively, you may speak to one of our office representatives below:

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