

### Five Mile main failure

Transport for NSW has reached an important milestone in its efforts to repair the major slope failure on the Five Mile section of Jenolan Caves Road with a preferred option selected for the remediation works.

The team is progressing a retaining wall concept design to effectively remediate and stabilise the slope at the Five Mile main failure. Importantly, the preferred option will also use the current road alignment, reducing further environmental impacts on the area.

We have harnessed innovative and creative solutions, including the use of drones and Light Detection and Ranging (LiDAR) technology that produces 3D and 2D modelling to examine areas that would otherwise be extremely difficult to access and ground models that can be used in design. Targeted geotechnical drilling work was completed in May, and survey investigation work will be carried out next month, weather permitting. This will provide further information on the ground conditions at the site and assist in determining future repair treatments at the main failure.



**Above:** Map outlining the challenges in the Jenolan Caves precinct.

**Left:** Geotech drilling results will support future works at the Five Mile main failure.

### Five Mile small embankment failure

Works to fix a slope failure at the top of the Five Mile at Jenolan Caves Road have started and expected to be finished in August 2022, weather permitting. Once completed, these works will support greater flexibility in our work crews in accessing the Five Mile main failure for repairs.

## Two Mile car park

The final design for the slope failure between Carpark Two and Caves House has been approved following a heritage assessment by Heritage NSW. Tender documents are being prepared, with construction expected to start in August 2022 and expected to take 12-16 weeks to complete, weather permitting.

## Hampton downslope

Our investigation works to fix the Hampton downslope are complex and have presented challenges with respect to the existing corridor alignment and construction methods that will allow the flow of traffic during future repairs. To support the safety of all motorists on this road, a speed reduction of 40km/h and one lane of traffic has been put in place while the condition and ultimate repair of this section can be fully considered.

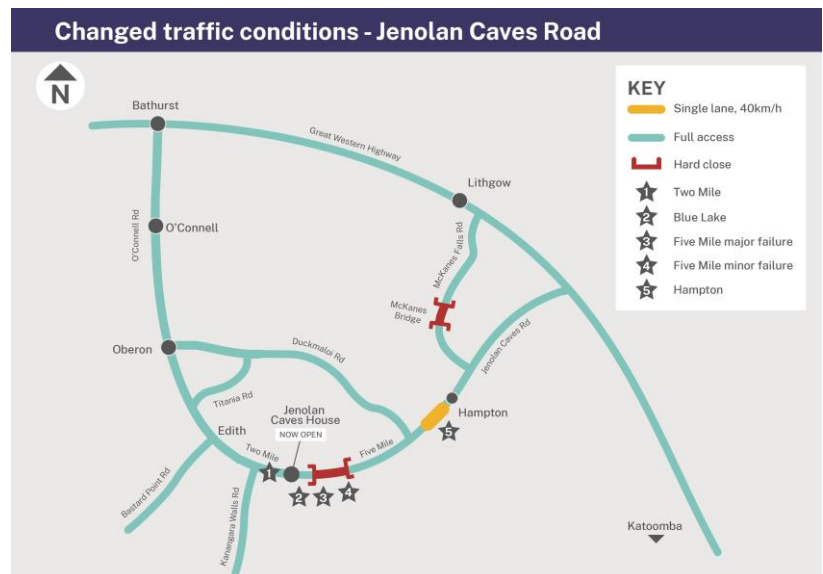
## Blue Lake

Works on the stabilisation of a 70m section of dry stone wall between Jenolan Caves Road and the Blue Lake are expected to start in July 2022. Work will involve the installation of soil nails and mock-rock shotcreting to give a natural appearance to the repair works along with two sections of rock fall fencing. It is expected works will take 16 weeks and be completed in October, weather permitting.

## Visiting Jenolan Caves

Visiting and exploring the magnificent Jenolan Caves is just a call or a click away. If you wish to visit the valley it is important that you pre-book. Phone 1300 76 33 11 or visit [jenolancaves.org.au](http://jenolancaves.org.au) to start creating your caves experience.

When planning your trip to Jenolan, you must arrive 45 minutes before your first activity. Before setting out for Jenolan, always check the [Live Traffic website](#).



We understand the impacts of these closures and are committed to keeping you informed.

Thank you for your patience and please get in touch if you require further information.

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