

# CROSS RIVER RAIL ROCKS

## A SCHOOL AND EDUCATION OPPORTUNITY BASED ON ALL THINGS GEOLOGY AND WHAT WE DISCOVERED WHILE DIGGING FOR CROSS RIVER RAIL

A transformational project like Cross River Rail generates valuable data and unique resources that are potentially useful for a wide range of research topics.

Cross River Rail is a new 10.2km rail line that includes 5.9km of twin tunnels running under the Brisbane River and CBD; with four new underground stations at Boggo Road, Woolloongabba, Albert Street and Roma Street.

### BOREHOLE DRILLING



Early works on the project included borehole drilling.

Get the basics on

**borehole drilling** in Brisbane.

### GEOTECHNICAL SURVEYS



Watch **Meet the Tunnel Boring Machines** for more details on the geotechnical surveys.

### QUEENSLAND GEOTECHNICAL DATABASE



Cross River Rail provided borehole data logs from the project to the **Queensland**

**Geotechnical Database (QGD)**. Hosted by The University of Queensland's Sustainable Infrastructure Research Hub, the resource serves as a reference for professionals and researchers.

### JURASSIC BARK: A PREHISTORIC DISCOVERY



It is no big deal, but we found a 200-million-year-old fossil while tunnelling underneath Kangaroo Point Cliffs. **This incredibly rare find** could help researchers identify what flora and fauna existed on earth millions of years ago!



## CURRICULUM ALIGNMENT

The resources provided here support various Australian Curriculum Science content descriptions from year 3 to year 9. For detailed curriculum mapping, contact us [education@crrda.org.au](mailto:education@crrda.org.au)

The Cross River Rail Experience Centre is a community engagement and education hub developed in partnership with Queensland Museum. The centre provides detailed project information, digital engagement experiences and learning opportunities for school groups, members of the public and community groups.

The Cross River Rail Experience Centre offers school excursion and incursion opportunities, providing activities for students of all ages with interactive digital visualisation technologies, STEM, Visual Arts, Design and Technologies and HASS learning resources, cultural heritage content, and project progress information. Structured learning experiences of up to two hours can be tailored from a broad range of activities. We also offer a dedicated program for schools on the Gold Coast to support community engagement and knowledge about the three new stations being delivered at Pimpama, Hope Island and Merrimac.

All education programs delivered by the Experience Centre are free.



IN PARTNERSHIP WITH

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