

# ROPE ACCESS TEAM SIMPLIFIES CLIFF-FACE STABILISATION



## WHAT VALUE WAS ADDED FOR THE CUSTOMER

- Heavy machinery could not access the site which was located in a Queensland World Heritage area above the Kuranda rail line.
- Height Dynamics provided low environmental impact rope access techniques to allow an engineer safe access to perform slope and rock mapping, hand-scale and post-landslide slope stabilisation.

## OUTCOMES

The Height Dynamics industrial rope access team rigged safe work access systems to give the geotechnical engineer access the high-risk slope areas.

The engineer was then able to review the slope condition, identify dangerous or unstable rocks and boulders, and determine the necessary scaling activities.

Post-inspection, our rope access team were able to safely hand-scale the slope and dislodge boulders (as identified by the geotech engineer) that were affected by natural root jacking. Our team then stabilised the slope and reduced the risk of further slope slippage or rocks falling onto the rail line.

The work was carried out over a single day allowing the rail section below to be open for safe passage of track maintenance crews.

## CUSTOMER NAME

Golder Associates for  
Queensland Rail

## LOCATION

Kuranda Scenic Railway, Cairns

## SCOPE OF WORKS

Provide cliff face access for  
geotechnical engineers.