



Phone: (07) 4955 9100
Email: admin@qldccs.com.au
www.qldccs.com.au

Case Study

LOCATION OF JOB: Peak Downs Mine, QLD
CLIENT: BHP Billiton
CONTRACT VALUE: \$2.5M

Remediation of the 8D Tunnel was essential to prevent further deterioration and leaking. Stage 1 of the project involved deconstruction and removal of the existing concrete shelf. QCCS adopted the use of Ecobust, a non-explosive demolition grout. Approximately 60 tonnes of concrete was removed. Limited access meant the rubble had to be transported up to 150m along the tunnel, by way of trolley systems. Stage 2 of the project required exposure of the existing reinforcement and welding of new longitudinal bars. Cathodic protection was installed to minimise the risk of future reinforcement corrosion. Works were completed with zero interruption to the Train Load Out.

