

PROJECT PROFILE

CARBOROUGH DOWNS MINE

CARBOROUGH DOWNS COAL MANAGEMENT PTY LTD

*Mine: Carborough Downs Mine
Location: Moranbah, Queensland, Australia
Duration: 7 months*



Carborough Downs is situated in the Bowen Basin, 15 kilometres east of Moranbah and about 170 kilometres south-east of Mackay in Queensland.

The project required the excavation and support of three drifts to enable commencement of longwall mining operations. Drill and blast methods were used in a coal mining environment, utilising both standard explosives and permitted explosives. The drifts were generally 250m long at 1 in 7 grade commencing from the base of a box cut 70m deep x 30m wide x 70m long.



CONSTRUCTION

- Drill and blast
- Steel set installation
- Hauling excavated material
- Rock bolting
- Cable bolting
- Mesh installation
- Shotcrete application
- Permanent services



RESOURCES

- (2) Two-boom jumbos
- 16T LHD
- 50T truck
- (3) 35T trucks
- Robotic shotcrete unit
- Charging vehicle

