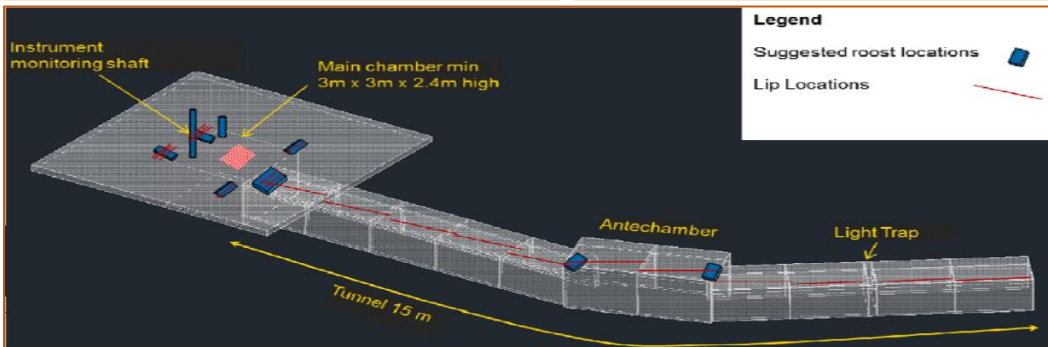


Ghost Bat Roost Habitat Recon Project – Area C



PROJECT SUMMARY

BHP Billiton Iron Ore through Austral Constructions contracted Global Civil and Mining (GCM) to assist with the construction of the Ghost Bat Caves in Area C which is located approximately 120km north-west of Newman in the Pilbara region of Western Australia.

The objective of this project was to replicate the breeding roost habitat used by Ghost Bats in the Mining Area C region.

GCM mobilised a Wirtgen 2500 Surface Miner (2500SM) to assist in the excavation of the Bat Caves. The reason the Wirtgen 2500 Surface Miner was chosen for this project was BHPBIO\Austral wanted to be able to remove the hard BIF material without having to drill and blast.

The excavation was carried out with minimal disruption to the environment, the foot print for the excavation was kept to a minimum as the Surface Miner was able to cut the trench for the tunnel without destabilising the batters.

Case Study
GCM16-001

Year
2016

Client
BHPBIO Billiton Area C
Austral Construction

Site/Location
Area C East Pilbara WA

Scope
Ghost Bat Roost Recon
Civil Construction

Area
Tunnel 15m long x 3m wide

Total Production
980 m³

Rock Type
BIF

Rock Hardness
< 100MPa

GET Consumption
4.26 bcm/pick

Completion Time
3 days

Safety
Zero LTIs

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