

Carosue Dam



Location	120km NE Kalgoorlie WA
Client	Saracen Mineral Holdings Ltd
Commodity	Gold
Type of Contract	Schedule of Rates
Contract Duration	October 2017 to September 2021



BAPL successfully won the four year \$440M underground mining services contract at Saracen's Carosue Dam Operations through a competitive open tender process.

The contract encompasses two mining centres - Carosue Dam, and Deep South, a further 70km N. The larger Carosue Dam Operations, will eventually comprise two operating mines - Karari and Whirling Dervish.

ByrneCut operates the projects from a centralised operations base at Carosue Dam. A modern large scale workshop facility undertakes major and minor maintenance on the collective mining fleet.

The Carosue Dam mines utilise emulsion explosives with production charging being undertaken by Orica using an MCU on a subcontract basis.

The contract will eventually provide employment for over 260 personnel, working 365 days per year, 24 hours per day.

New technology and innovation is key at the project with a Sandvik 422i data jumbo, Rhino box-hole drill, autonomously operated loaders, truck driver fatigue monitoring and collision avoidance systems playing pivotal roles at the operation.

Access to site is via unsealed roads from Kalgoorlie, or Leonora, with an airstrip planned for the site in 2018. Personnel currently commute to site on a FIFO basis via Kalgoorlie to CDO and to a small regional airstrip for Deep South.



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Scope of Work Declining & lateral development, boxhole and raisebore drilling, autonomous loading, haulage and stope production using longhole open stoping methods.

Three separates mines - Karari, Whirling Dervish and Deep South

Metres 900m Adv. / (2017) Month

Tonnes 130,000 Ore t / (2017) Month

Equipment

Development Drills	
Sandvik DD421 / DD422i	4
Production Drills	
Sandvik DL421-15C / DL431-7C	5
Box-hole drill	
Rhino 100HM	1
Boggers	
Sandvik LH621	7
Trucks	
Atlas Copco MT65	10
Development Charge Wagons	
Normet MC605	2
Production Charge Vehicles	
Orica MCU	1

Employees 260