

Challenger

Plant Upgrade – Mill Expansion



Project

Mill Expansion and Tails thickener

Location

160km SW Coober Pedy

Client

Dominion Mining Limited

Contract Value

\$6.4 million

Commencement Date

10th Sep 2009

Practical Completion

12th Jan 2010

Job No.

2665

Description

The project involved an upgrade of production from 45tph to 64tph design throughput. This involves the refurbishment, relocation and installation of 850kW regrind mill from Mt Gibson WA to Challenger site for complete with new mill foundations and secondary mill control room.

The Challenger upgrade also included installation of new cyclone tower and trash screen to Leach Tank 1, with reorganising of the classification structures to feed the secondary mill. A 12m tails thickener with flocculant dosing system and pumps was installed to improve water management.

The project finally included refurbishment of mine surface vent fans ex Pillara WA and installation to a new raise bore vent, complete with VSD control system.

Referee

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Project Manager

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