



CopperChem Pty Ltd - Great Australia Mine

CIL Upgrade Project



Project

Great Australia Mine CIL Upgrade Project

Location

Cloncurry (North Queensland), Australia

Client

CopperChem Pty Ltd

Commencement Date: July 2017

Practical Completion: January 2018



Description

The Great Australia Mine Gravity Circuit Project integrated a new gravity circuit into the existing grinding and classification circuit.

The works involved with this project included:

The Great Australia Mine CIL Upgrade Project upgraded the existing copper flotation plant to a gold CIL plant.

The works involved with this project included:

- Refurbishment of existing crushing, grinding and classification circuits.
- Construction of 8 off leach/CIL tanks.
- Supply & install tank agitators.
- Supply & install mechanically wiped interstage screens.
- Supply and install vibrating trash, loaded carbon and carbon safety screens.
- Cyanide mixing, storage and dosing system.
- Cyclone tower extension for future gravity upgrade.
- Design, fabricate, construct and commission a new modular 2T Pressure Zadra Stripping circuit with Carbon Regeneration Kiln
- Design, fabricate, construct and commission a new gravity circuit

Project Manager / Engineers

Grant Blakeman / Casey Dawson



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