

Project Profile

Mt Cattlin Reflux Building

General Mining Corporation LTD



Fast Facts

Industry	Mining
Commence	June 2016
Complete	July 2016
Region	Ravensthorpe, WA
Type of Work	Demolition Dewatering Earthworks Concrete Repairs Formwork Concrete Reinforcement

Project Overview

Flanco was engaged by General Mining corporation to complete civil works to an existing Lithium mine which had been shut down and was in the process of being upgraded for a reopening of the mine by Galaxy Resources.

Being in Ravensthorpe the job required careful planning to ensure works were not affected by the rain, with the existing plant being shut down sump pumps were not operational, requiring sumps to be pumped out manually and closely monitored to ensure new works were not flooded.

Demolition works around the existing plant required careful planning and shoring to maintain the integrity of existing structures.

Civil works for structures included DMS feed bin, Reflux Classifier, Primary and Secondary DMS, Transfer Station, Tantalum Recovery, Water clarification and reticulation.

Innovations Delivered

Though working with Holcim's technical department we were able to design a concrete mix that could be delivered from the closest batchplant in Esperance which was 2 ½ hours away by truck. The mix produced a workable concrete that met the clients strict specification requirements.