



CASE STUDY

PROJECT DETAILS

DALGARANGA GOLD PROJECT - BULK EARTHWORKS & CONCRETE MOUNT MAGNET

CLIENT

Gascoyne Resources
EPC-GR Engineering

COMMENCEMENT

June 2017

COMPLETION

December 2017

PROJECT VALUE

\$7.0 Million

A Constructability WA case study: One of many successfully completed projects over our 35 year history in the Civil Construction Industry.

Scope of Works/ Contract Objective

- > The scope of works included all bulk earthworks, drainage, ponds and road construction
- > Processing plant foundations included all insitu concrete for the Mill, CIL Tanks, leach and absorption, storage shed slabs, reagents and Power Station infrastructure

Construction Quantities

- > 350 c/m blinding installed
- > 3500 sq/m setout of Structural formwork installed including false work and supports
- > 230 tonnes of reinforced steel installed
- > 2500 cu/m of structural concrete poured
- > Construction of Power station and gas concrete foundations inc conduits

Safety Performance

- > 25-35 personnel onsite during the project - 104,860 man hours
- > 1 Lost time Injury
- > 0 medically treated injury
- > Lost time injury frequency rate: 5.25

Environmental Performance

- > No environmental incidents reported
- > 4 Audits completed to 100% compliance

Project Challenges

- > Short duration for mobilisation to Site - 2 weeks
- > Project drawings issued throughout the construction period
- > Interface with multiple contractors due to late issuing of drawings by EPC

Project Achievements

- > Contracted works completed four weeks ahead of schedule
- > Contracted works completed within the allocated budget