



# CASE STUDY

## PROJECT DETAILS

### EDNA MAY GOLD PROJECT WESTONIA

#### CLIENT

GR Engineering  
Services

#### COMMENCEMENT

July 2009

#### COMPLETION

December 2009

#### PROJECT VALUE

4.47 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

- > Construction of oil ring beams, ball and sag mill foundations, crusher station, fine ore bin, reagents area, conveyor slabs, pedestals and associated concrete structures for gold plant facility
- > The contract objective was to construct within budget and ahead of the approved baseline programme

#### Construction Quantities

- > 110 c/m- blinding installed
- > 2674 sq/m of structural formwork installed including falsework and supports
- > 340 tonnes reinforced steel installed
- > 2939 cu/m structural concrete poured

#### Safety Performance

- > 20-35 personnel onsite during the project - 32,700 man hours
- > 0 lost time injury
- > 0 medially treated injury
- > Lost time injury frequency rate: 0

#### Environmental Performance

- > 1 Environmental incident reported (Dust Control)
- > 3 Audits completed to 100% compliance

#### Project Challenges

- > Craneage and Logistics - flexibility of sequence and program of works to align with client requirements
- > Wet season disruption to works progress
- > Weather affected construction program impacting on-site with a greater interface with other contractors

#### Project Achievements

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