

# Boddington Expansion Tailings Dam

## Project

Expansion Tailings Dam at Boddington Gold Mine

## Client/EPCM

Boddington Gold Mine / Aker Kvaerner Australia

## Value

\$30,017,968

## Description

The project involved converting an existing water storage dam into the first stage of a 750,000m<sup>2</sup> HDPE Lined Tailings Storage Facility.

The works had to be constructed during the summer months while controlling rainfall run-off and subsoil inflow.

- 70ha of forest clearing
- 100ha of topsoil stripping
- Removal of 40,000m<sup>3</sup> of rock
- Removal of 35,000m<sup>3</sup> of unsuitable material.
- 200,000m<sup>3</sup> of cut to fill and reshaping
- 300,000m<sup>3</sup> of 300mm clay liner excavated and compacted
- 25km of 160dia draincoil for underdrainage system
- 750,000m<sup>2</sup> of 1.5mm HDPE liner
- 20km of 100mm Dia Branch Drain

## Location

Boddington Gold Mine is located 17km north of Boddington, Western Australia.



*"...getting it right and on time"*