



**CHARLES HULL  
CONTRACTING**

## PROJECT

### NBG Residue Disposal Area

## CLIENT

Newmont Asia Pacific, Newmont Mining Services Pty Ltd

## LOCATION

Boddington Gold Mine

**START DATE** 2 December 2013

**END DATE** 9 December 2015

**The project involved the staged construction of the Residue Disposal Area 7B, 8 & 9A over two years.**

## Key activities

- Clearing and topsoil stripping
- Bauxite mining
- Downstream clay embankment construction
- Upstream embankment construction using tailings material and clay
- Clay & HDPE liner
- Drainage network installation
- Reinforced concrete rail beam construction
- Bulk excavation
- Moving deposition pipelines

## Summary

A large part of the project involved the construction of the upstream embankment using tailings material and clay. The tailings material had a high moisture content which proved to be unsuitable for some heavy equipment. CHC carried out a number of trials on the preparation, drainage and excavation of the tailings material. Innovative techniques adopted enabled drainage highly saturated areas that previously could not be accessed by conventional machinery.

