



# Stacker and Reclaimers Installation

CAVAL RIDGE MINE, QUEENSLAND

## PROJECT OVERVIEW

**CLIENT:** BHP Billiton Mitsubishi Alliance (BMA)  
**EPCM:** Bechtel Australia Pty Ltd  
**DURATION:** Nov 2012 - Jan 2014  
**ENVIRONMENT:** Greenfields  
**PEAK MANNING:** 250 people

Opened in 2014, the Caval Ridge Mine located in Queensland's Bowen Basin produces 5.5 million tonnes per annum (Mtpa) of premium quality metallurgical coal with an expected life of approximately 30 years.

G&S Engineering undertook the Structural, Mechanical, Piping and Electrical Instrumentation (SMP&EI) complete installation works for the coal stackers and reclaimers which included three boom stackers, one boom bucket wheel reclaimer and one dual bucket wheel bridge reclaimer.

The works encompassed all site establishment and management activities including auditing, inspection, construction verification and testing as well as provision of pre-commissioning /commissioning support. G&S provided all equipment and systems necessary to provide fully functioning systems for stacking and reclaiming of coal.

## PROJECT HIGHLIGHTS

All machines were erected on time with a peak workforce of over 250 people. G&S remain onsite as the preferred maintenance contractor at Caval Ridge.

