

# CASE STUDY

## SOLOMON MINE

### PROJECT PROFILE

Construction of this large, low-cost mining operation began in June 2011.

More than three billion tonnes of high-grade ore has been discovered so far at the Solomon Hub, 120 km to the west of the Chichester Hub.

The operation will take advantage of the low strip ratios, conventional mining methods and Fortescue's existing integrated supply chain.

### PRODUCTS HANDLED

- Iron Ore

### CAPACITY

- A maiden reserve of 716 million tonnes announced in May 2011 underwrites plans for the first stage of the Solomon Hub to produce 60 million tonnes of ore each year from the Firetail and Kings deposits



### SCOPE OF WORKS

The US \$1.5 billion, five (5) year contract will deliver whole-of-mine management at Firetail, including operating and maintaining the mining fleet, ore handling plants and associated infrastructure.

### OUR INVOLVEMENT

Electrical and mechanical supervision, installation and commissioning of:

- New HV & LV reticulation and connection to existing services
  - Two substations
  - Two stackers capable of cone and windrow ply
  - One reclaimer
  - Ore conveying
- Commissioning management
- Quality assurance inclusive of all testing and verifications
- Interfaces to existing plant and equipment
- Anti-collision system
- Stockpile management