

# BENGA COAL MINE



**Client:** Riversdale

**Site/Location:** Tete, Mozambique

**Project Period:** December 2008 – December 2010

## Project Description:

RSV ENCO was appointed for consulting services both on and off site.

They were appointed to construct a number of buildings in Tete for the benefit of the local community. These included a workshop, warehouse, office, accommodation and a brick-making factory, as well as a local school to support the community.

## The Project Included:

- The design of bulk earthworks and terracing for the plant and office facilities
- Design of fuel station bulk earthworks
- Provision of temporary potable water to the 1st construction camp. The supply will be provided for with the drilling of a new borehole
- Installation of initial truck supply / head tank / pump system
- Raw / Plant / Potable water permanent distribution systems, within battery limits, as well as overall water balance and management design
- Provision of permanent power distribution and grid for the overall facility
- Establishment of permanent batching plant, comprising of a fixed and mobile plant, to cater for long-term concrete requirements
- Establishment of a hard-core pre-assembly area for heavy vehicles and equipment
- EP services for the permanent main workshop for mine vehicle maintenance
- A storage warehouse and offices on site
- Mining fuel storage facility
- Admin / Operation offices and parking
- Change houses for the main workshop and office area
- Bulk explosive magazines and mixing facility
- Appropriate fire protection systems for all facilities
- Design and supply a clinic for emergency treatment and local needs