

KANGWANE ANTHRACITE PROJECT



Client: Siyanda Resources

Site/Location: Komatipoort, Mpumalanga

Project Period: June 2011 – current

Project Description:

RSV ENCO was appointed to conduct a feasibility study on the Kangwane Anthracite Mine. The project will consist of the management of the exploration drilling programme, preparation of a geological Competent Persons Report producing a Resource Statement and the exploitation of the identified coal resources. The feasibility study is planned for completion by December 2011.

The Project Includes:

- A feasibility study on the No. 2 and No. 1 Seams in the lease area
- Opencast and underground mine design of the No.2 and No.1 seams
- Beneficiating of the No. 2 and No. 1 seams for the target markets
- Provision of bulk services (power and water), surface infrastructure and materials handling facilities
- Trade-off studies of the various ROM transport scenarios and coal processing plant locations for the ROM production and saleable product dispatch
- Design of bulk water supply, water reticulation on surface and underground, dirty water management on surface, coal flow and SLD for bulk power supply and reticulation
- Design of office complex, workshop and maintenance complex and stores facilities

Services Provided:

- Project management
- Mine design of the surface and underground mining operations
- Electrical design
- Civil design
- Mechanical design
- Drafting services
- Quantity surveying services
- Financial modeling