

T-PROJECT COAL MINE



Client: African Exploration Mining Finance Corporation (Pty) Ltd

Location: South East of Witbank, Mpumalanga

Date: 16 October 2008 - Current

Project Description:

A feasibility study to determine the viability of mining and beneficiating the No. 5 and No. 4 seams in the T-project lease area. Approximately 114 million tons of coal and Torbanite are estimated to be in the deposit.

The project included:

- A feasibility study on the No. 4 and No. 5 Seams in the T-Project lease area
- Analysis and auditing of the Resource statement
- Underground mine design of the No.4 and No.5 seams
- Beneficiating of the No. 4 and No. 5 seams for the target markets
- Provision of bulk services (power and water), surface infrastructure and materials handling facilities
- Trade off studies of the various dispatch scenarios for the different products
- Compilation of PFDs for bulk water supply, water reticulation on surface and underground, coal flow, SLD for bulk power supply and reticulation and a GA drawing
- Detailed design of:
 - Shaft office complex
 - Access shaft (box cut)
 - All surfaces and underground conveyors

Services Provided:

- Project management
- A box cut design for the access shaft
- Electrical design
- Civil design
- Drafting services
- Quantity surveying services