



**Client:** Siyanda Resources (Coal)  
**Site/Location:** Witbank, Mpumalanga  
**Project Period:** May 2007 - October 2008

## Project Description:

Technical assessment of the existing infrastructure and the associated capital cost required to reopen the Koorfontein No 4 seam underground mine under various access and production profile scenarios.

## The Project Included:

- A technical assessment of the existing infrastructure and the mining ability of the remaining No. 4 seam resources in respect to the mined out underlying No. 2 seam
- A feasibility study of the remaining No. 4 seam resource and associated capital cost required to reopen the seam
- A SAMREC compliant resource statement
- Compilation of bulk water supply, on surface and underground water reticulation, coal flow, PFD's, SLD for bulk power supply and reticulation and a GA drawing
- Detailed design of:
  - Shaft office complex
  - Mine access box cut design
  - All surfaces and underground conveyors

## Description of services provided:

- Project management
- Box cut access design
- Electrical design
- Civil design
- Drafting services
- Quantity surveying services