

## South Deep Doornpoort Tailings



### Scope of Work

The Supply, Installation and Commissioning of Medium Voltage Switchgear, Transformers, Low Voltage Switchgear, 11Kv Overhead line, Medium Voltage and Low Voltage Electrical Instrumentation Cable and Equipment, Uninterruptable Power System, Programmable Logic Controller Hardware and Instrumentation



<b>Location</b>	<b>Westonaria</b>
<b>Client</b>	<b>Goldfields</b>
<b>Project Type</b>	<b>Supply, Electrical and Instrumentation Installation &amp; Commissioning</b>
<b>Value</b>	<b>R 31,358,586 Million</b>
<b>Duration</b>	<b>10 Months</b>
<b>Completion Date</b>	<b>June 2011</b>

### Project Overall Description

The South Deep Gold Mine is the only remaining asset for Gold Fields Limited (Gold Fields) in South Africa with the mature underground KDC and Beatrix mines unbundled to Sibanye Gold in 2013, with the impact that peripheral services are being consolidated around the one mine, South Deep. Gold Fields Limited holds a 100% interest in GFI Mining South Africa (Pty) Limited (GFIMSA), which holds a 100% interest in South Deep. The Mine, situated in the Magisterial District of Westonaria 45 kilometres southwest of Johannesburg, is an intermediate to deep level gold mine comprising two shaft systems, the older South Shaft complex and the newer complex known as Twin Shafts. Ore is processed at a central metallurgical plant. The primary economic target is the Upper Elsburg Reef package with the Ventersdorp Contact Reef being a secondary economic target. The mining right area totals 4,232 hectares. South Deep has been designated by Gold Fields as a developing mine, and a project to increase the ore mined per month to 330,000 tonnes has almost been completed. This project included the establishment of a new tailings storage facility in 2011 (Doornpoort TSF).