



VENETIA ROM TIP & CRUSHER

Graytor crusher designed for a 25 year life span. Excavation was done to accommodate a 570 ton capacity 12,5m deep receiving bin with complex sloped walls and a crusher building 27,5m deep to break material from 1,5m to 200mm. Excavation had to include for a conveyor from crusher to surface measuring 110m in length to a depth of 27,5m. The complexity of this project lay in the excavation; crusher receiving bin and suspended composite precast slab and beams supported by circular reinforced concrete free-standing columns 30m long with insitu column heads.

Project scope included:

- Feasibility
- Implementation
- Design and Detailing
- Site Monitoring



Component:

Raw Water Supply Civil,
Instrumentation & Electricals

Project Location:

Musina, Limpopo Province

Project Value:

R12 million

Client:

De Beers

Completion Date:

2007

Senior Staff Involved:

Peter Sharland
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