

# BOET BUYS



## PROFILE

## EDUCATION & TRAINING

- **Mechanical Engineer (GCC)**
- **Asset & Fleet Management (University of Toronto)**

### Professional Courses / Certificates

- **Management Advancement Program (MAP) Wits Business School •**
- **NEC engineering & construction Contracts; Contract law; Contract Comparisons**
- **Windows .NET Programmer Certification**
- **Project Management**

## PROFESSIONAL MEMBERSHIP / REGISTRATION / AFFILIATIONS

- AMRE

## BACKGROUND SUMMARY / PROFESSIONAL EXPERIENCE

Manager Engineer for large and small surface and underground mines

Project Engineer for various pre- & feasibility studies as well as site execution; Implementation of Operational & Maintenance Management system for U/G mechanized and surface open cast, plants and works.

### Fields of competencies

- Project Design and execution.
- New Business Development;

- Mining and Minerals OME/PEA & Feasibility Studies; Project evaluations and optimization strategies.
- Operational optimisation
- Due diligence studies.
- Time and Motion studies
- Shaft and related infrastructure design and build
- Development of IT Asset Maintenance & Management Solutions
- Trackless Mining Equipment Design & Manufacturing.

## MAJOR ACHIEVEMENTS / ACCOMPLISHMENTS

Optimisation of Bulyanhulu mine for Barrick Gold in Tanzania (Developed turn around strategy)  
Townlands Raise Drilling Project 3 interconnected Shafts 3m X 1000m ventilation shaft complex incl. Bulk Ice coolers.

Doornkop Shaft deepening (Sinking while normal mine production continued. Installation of “Shaft sinking protection plug” at working shaft bottom)

In-house Design and manufacturing of 30 ton ADT & LHD. The equipment was commissioned on mines in November 2015

## RELATED EXPERIENCE

38-years' experience in the following fields of Engineering Support Services. Experience spans across a broad spectrum of resources including Gold, Coal, Platinum and Copper,

Occupied various roles inclusive of the following:

- Operations & Maintenance project management.
- Project Design including feasibility studies
- Manager Engineer contract mining
- Manager Engineer assets & support projects
- Lead Contracts Engineer [EPC, EPCM - FIDIC & NEC Contracts]
- Manager Engineer Project & operations
- Manager Engineer Research & Development
- Shaft Sinking & equipping operations
- Project Manager Optimization studies and turnaround strategy implementation
- Design and development of Asset Maintenance management System for Mines and related Industries
- Design and manufacturing of trackless mining equipment (30 ton ADT, LHD. Rail bound Drill Rig)

- Mine dewatering project Kipushi mine DRC

## WORK HISTORY SUMMARY

COMPANY	POSITION HELD
Murray & Roberts Cementation	Engineering Manager projects
Anglo Platinum Head Office	Engineering Consultant projects
RUC	Engineering Manager Shaft and Infrastructure
RSV	Lead Engineer
Placer Dome	Resident Project Engineer
Randfontein Estates	Resident & Section Engineer