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## BARRY MALUSI NDLOVU

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### PROFILE

I am a highly motivated mining engineer with 15 years mining experience, in mining operations, technical and consultancy roles, across multiple mining methods, commodities, resources companies and mining consultancy firms. I specialize in mine planning and scheduling and have acquired advanced knowledge and application of various mine planning software packages. Until recently, I was Technical Expert (Cave Management) for PT Freeport Indonesia in West Papua, Indonesia where I served a 5.5 year tenure. I'm currently on my second year of study towards an MBA at the University of the Witwatersrand (WBS). I am also a member of SAIMM.

### CAREER HIGHLIGHTS

I joined Rio Tinto's Palabora Mining Company in 2003 as a Mining Engineer (Design and Scheduling). Highlights at Palabora includes involvement in integrated business improvement programmes where we provided technical support to line management for sustainable project profitability, managing construction contractors (Shaft Sinkers, TBM, Degussa, Atlantis Drill, Gemini Engineering and Juna Engineering) during the underground project to operations transition period with a budget of R150m pa, involvement in block cave simulation designs and implementation, production analysis and LOM planning with PCBC and CMS (Gemcom package).

Directors

A D Pooley (Managing) - C W Brown



After a 4 year tenure at Palabora, I joined Gemcom Software International in April 2007 as a senior business analyst. Highlights at Gemcom include business development in Zambia – Kitwe resulting in a full GEMS package sale and implementation at Luanshya Copper Mines, conducting a 5 days Block Cave Mining workshop at Philex Mining Corporation’s Padcal site in the Philippines and presenting Block Caving & PCBC at Gemcom’s Turkish Users conference in Antalya, Turkey and also working with Dr Tony Diering at De Beer’s Finsch Mine and Palabora Underground Copper Mine. I returned to Palabora as a Cave Management Superintendent in May 2008 where I headed a team of mining engineers responsible for Life of Mine planning, business analysis and management reporting. Joined BHP Billiton Hotazel Manganese Mine as a Mine Planning Superintendent for Wessels Underground Mine in 2010 and later moved to SRK Consulting for a Senior Mining Engineer role.

In October 2011, I was headhunted by PT Freeport Indonesia for a Technical Expert (Cave Management) position, where I was a technical advisor in the design, planning and scheduling of the DOZ and DMLZ block cave mines with a combined design capacity of 160,000 tons per day containing 2%Cu and 2ppm Au. As a mineral reserve custodian, my responsibilities included reviewing and evaluating the mining practice, planning and forecast aligning the business strategy with the corporate strategy and transferring the expertise and knowledge regarding Cave Management working plan and performance to support the management objective.

## **QUALIFICATION**

Institution	University of the Witwatersrand (WBS)
Qualification	MBA, expected completion in July 2019
Institution	University of Johannesburg
Qualification	B.Tech (Mining Engineering) completed in 2003
Institution	Technikon Witwatersrand
Qualification	National Diploma (Metalliferous Mining) completed in 2002
Achievements	Awarded a Merit Certificate for Outstanding Performance (1998) Awarded a prize for Outstanding Performance (2000)
Last School Attended	Vukuzakhe High School (January 1992 to December 1996)

## **CAREER HISTORY**

EMPLOYER	Bara Consulting
POSITION HELD	Senior Mining Engineer
PERIOD OF EMPLOYMENT	October 2017 to current
EMPLOYER	PT Freeport Indonesia
POSITION HELD	Technical Expert (Cave Management)
PERIOD OF EMPLOYMENT	October 2011 to February 2017
EMPLOYER	BHP Hotazel Manganese Mines
POSITION HELD	Superintendent, Mine Planning
PERIOD OF EMPLOYMENT	February 2011 to September 2011



EMPLOYER	SRK Consulting
POSITION HELD	Senior Mining Engineer
PERIOD OF EMPLOYMENT	August 2010 to January 2011
EMPLOYER	BHP Hotazel Manganese Mines
POSITION HELD	Superintendent, Mine Planning
PERIOD OF EMPLOYMENT	January 2010 to July 2010
EMPLOYER	Palabora Mining Company
POSITION HELD	Cave Management Superintendent
PERIOD OF EMPLOYMENT	May 2008 to December 2009
EMPLOYER	Gemcom Software International (Dassault Systems)
POSITION HELD	Senior Business Analyst
PERIOD OF EMPLOYMENT	May 2007 to April 2008
EMPLOYER	Palabora Mining Company
POSITION HELD	Mining Engineer ( <i>Design and Scheduling</i> )
PERIOD OF EMPLOYMENT	January 2004 to April 2007
EMPLOYER	Lonmin: Karee Mine
POSITION HELD	Learner Mining Official
PERIOD OF EMPLOYMENT	April 1999 to March 2002
CERTIFICATE	Blasting Certificate (15/08/2000)

## REFEREES

NAME	Birat Setyoko
DESIGNATION	Manager Engineering
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