

DE Bush

Personal Information

Marital status: Married
 Nationality: South African
 Date of birth: 6th July 1957
 Place of Birth: Johannesburg, South Africa

Tertiary Education

Diplome d'Etude Approfondies (DEA), Cycle de Formation Spécialisée en Géostatistique (CFSG)

Ecole Nationale Supérieure des Mines de Paris (Fontainebleau, France)

MSc, DIC, Mineral Exploration

Imperial College of Science and Technology, Royal School of Mines (London, England)

BSc (Hons) Geology

University of the Witwatersrand (Johannesburg, South Africa)

BSc Geology

University of the Witwatersrand, (Johannesburg, South Africa)

Professional Experience

2008 - Present Zstar Mineral Resource Consultants, (Pty) Ltd. Cape Town.

Director & Principal Mineral Resource Analyst

Primarily concerned with mineral resource quantification, simulation and risk assessment with unique skills in diamond revenue analysis and modelling of diamond size frequency distributions. Classification of mineral resources (SAMREC/JORC) and competent person for kimberlite diamond resources, Witwatersrand/Greenstone Gold deposits and base metals.

1999 - 2008 De Beers Group Services (Pty) Ltd. Johannesburg.

Group Mineral Resources Manager

Employed by De Beers Cons. Mines and then De Beers Group Services (Pty) Ltd. in the capacity of Group Mineral Resources Manager in the Mineral Resource Management Department.

Responsibilities involved managing the department responsible for the resource evaluation of all De Beers operated kimberlite mines as well as for joint ventures, projects, acquisitions, conceptual and feasibility studies.

1997 - 1999 De Beers Consolidated Mines. Johannesburg.

Diamond Revenue Manager

Employed by Anglo American Corp. of South Africa / De Beers Cons. Mines in the capacity of Diamond Revenue Manager in the Mineral Resource Evaluation Department.

1992 - 1996 Anglo American Corporation of SA. Welkom FS.
Regional Ore Evaluation Analyst

Member of the Ore Reserves Management team (three persons) responsible for six mines in the Free State goldfields. Responsible for global evaluation, research into improved resource estimation techniques and training in Geostatistics. The team was accountable for strategic and local resource evaluation and technical services relating to sampling, auditing, exploitation and gold accounting.

1984 - 1991 Anglo American Corporation of SA. Kimberley.
Ore Evaluation Geologist / Analyst

Located in Kimberley and subsequently Johannesburg (from 1988). Involved in data processing and management, geostatistical resource evaluation and deposit modelling and simulation. Experience gained in the evaluation of numerous deposits including primary and placer diamonds, Gold (Witwatersrand and Greenstone types), Gold / Silver deposits in various terrains, porphyry Copper, magmatic Nickel, volcanogenic exhalatives, polymetallic sulphides and Platinum group metals.

1981 - 1983 De Beers Prospecting. Botswana.
Exploration Geologist

Geological fieldwork in Botswana was concerned primarily with diamond exploration and mining in Archaean and Tertiary terrains. Exploration involved both geochemical and geophysical techniques including heavy mineral, stream sediment and soil sampling as well as gravity and magnetic surveys.

Professional Affiliations

South African Council for Natural Scientific Professions (SACNSP):
Professional Natural Scientist (Reg No. 400071/00)

Geological Society of South Africa (GSSA): Associate Member

Geostatistical Association of South Africa (GASA): Member