

Mining Engineer

Expertise Rock Mechanics, Mining Engineering, Numerical Modeling, Backfill and Pillar Design.

Education M.S. (Mining Engineering), to be completed
University of Pretoria
B.S. (Civil Engineering, with honors), 1997
University of Capetown

Professional Affiliations Member: South African Institution for Civil Engineers, South African National Institute of Rock Engineering

Professional Experience

2003 - Present *Itasca Africa (Pty), Ltd., Booyens, Mining Engineer*

1998 - 2003 *CSIR Division of Mining Technology, Pretoria, Research Engineer*

Project Experience

Mining Engineering: Backfill evaluation in deep-level mining, analysis of pillar design and support systems, work on rating systems for mine roofs and integrity testing.

Numerical Modeling: Experience with Phase 2D, FLAC, UDEC, LAMODEL, EXEMINE 3D, and AUTOCAD 2000.