



EDUCATION

M.Sc.
Mining/Geotechnical
University of Alberta, 1981

B.Sc.
Mining Engineering
Royal School of Mines
London, UK, 1977

B.Sc.
Engineering Science
University of Leicester
UK, 1974

LICENSES AND CERTIFICATIONS

Professional Engineer
Alberta: No. M6414
British Columbia: No. 30821
Colorado: No. 23600

European Engineer
No. UK/IMM/EE/94/8852

Chartered Engineer in UK
No.410430

Associations
UK Institution of Mining
and Metallurgy (IMM)

Canadian Institution
of Mining and
Metallurgy (CIM)

American Society for Mining
Metallurgy and Exploration of
AIME (SME)

PROFESSIONAL HIGHLIGHTS

Mr. Wright has over 35 years of mining/geotechnical related experience in operations, engineering and consultancy associated mainly with underground mines in the USA, Canada, South Africa, Mexico and the UK. The majority of this experience has been directed towards underground mine engineering, planning and geotechnical aspects of mine design and rehabilitation.

His recent experience with Norwest includes over ten years with emphasis on underground coal mine engineering and feasibility worldwide, and rehabilitation of underground mine workings in Alberta. He was project manager for two years assisting an underground longwall coal expansion program in Mexico. He has also spent five years in the USA progressing coal prospects from the feasibility phase through to operations planning and engineering, including a mine that has recently been setting world longwall production records. In addition he has about 10 years of consultancy experience covering geotechnical, mining and ventilation engineering for a variety of projects and clients, including design, engineering, feasibility, planning applications, public inquiries and mine rehabilitation.

WORK EXPERIENCE

NORWEST MINE SERVICES LTD., CALGARY, ALBERTA

1998 – PRESENT MANAGER, UNDERGROUND MINING

- Engineering and Management of underground mining and geotechnical projects.
- Providing operational and planning assistance with emphasis on underground coal mine design and planning, assessment of old mine workings, mine rehabilitation, stability of underground openings, blasting vibrations impact and underground coal mine valuation and feasibility.

WRIGHT TECHNICAL SERVICES, REDRUTH, CORNWALL, ENGLAND

1989 – 1998 MINING/GEOTECHNICAL CONSULTANT

Independent Mining and Geotechnical Engineering Consultant with emphasis on coal mining, underground construction and radioactive waste disposal. Projects included:

- Project Manager for operations and engineering assistance for upgrading of existing and new underground coal mines for MICARE, Coahuila, Mexico.
- Design, data evaluation and shaft/tunnel surveying for the planned Sellafield underground radioactive waste repository in the UK.
- Geotechnical site investigations and evaluation of the stability of foundations, slopes and underground openings for a number of clients.
- Ventilation design and monitoring for construction of the UK side

hazard analysis for mine design and strata control studies.

**ANGLO POWER COLLIERIES, KRIEL, TRANSVAAL, SOUTH AFRICA
1977 – 1978 MINE ENGINEER**

- Responsible for an underground coal production section and surface mine planning and engineering of an opencast coal mine (pit design, sequencing, geology, coal quality, etc.).

**ANGLO AMERICAN CORP., WELKOM, ORANGE FREE STATE, SOUTH AFRICA
1974 – 1975 MINE OFFICIAL**

- Practical experience in production, preparation, ventilation, surveying, sampling and other service departments of deep underground gold mines.

PUBLICATIONS

A Promising New Concept for Underground Mining of Oil Sands, R.D. Drake, J.D. Watson, H.G. Stephenson and R. Wright, CIM District 5 Conference, Fort McMurray, AB, June 2001.

Blasting Vibes I and II, J. Stocks and R. Wright, Mineral Planning, UK - 1988.

Technology Management for Risk Minimization, J.D. Spalding, E.N. Thurmond, J.M. Mercier and R. Wright, International Conference on Coal Research (ICCR), London - 1982.

Stability Analysis in Room and Pillar Coal Mining, M.Sc. Thesis, University of Alberta, Canada – 1981.