

HARRY BURGESS, P. Eng.
Vice President

BACKGROUND

Harry Burgess is a mining engineer and Vice President with Micon International Limited, mineral industry consultants. Mr. Burgess has been engaged in consulting since 1980, when he joined the staff of David. S. Robertson & Associates. Prior to that time, he gained experience in senior positions in the copper industry of Zambia and gold mining in South Africa. In Zambia, he held management positions with both technical and production responsibility. In South Africa, he was responsible for the introduction of mechanized mining systems to the gold mines of Anglo-American Corporation in the Orange Free State.

PROFESSIONAL ASSIGNMENTS

Managed and contributed to project teams carrying out due diligence reviews of underground poly-metallic operations in Guanxi Province and provided advice on the design of underground mining methods directly to the Jangxi Copper Company, in Jangxi Province, China.

Assessed a number of potential investment opportunities in Gansu Province, for CIC Resources.

Mining engineer on the Micon team, which monitored the Lisheen Zinc Mine, in Ireland, on behalf of a syndicate of lending banks.

Acted on behalf of a Brazilian client in the review of gold and iron-ore properties in Brazil, for the preparation of feasibility studies in support of financing.

Managed and contributed to a team carrying out a due diligence review of the Bajo de la Alumbrera open-pit copper-gold mine, in Argentina, and the Peak underground gold mine, in New South Wales, Australia, in support of a potential purchase by Micon's client of Rio Tinto's interest in these properties.

Project manager for a team of consultants in the review of the Lihir gold project, Papua New Guinea, on behalf of a syndicate of financing banks and institutions arranging an initial public float. This financing involved US\$300 million of debt and US\$450 million of equity financing. Managed the on-going monitoring of this project on behalf of the syndication of lending banks.

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Project manager for the review and subsequent monitoring of the Cerro Vanguardia gold project, Santa Cruz province, Argentina, on behalf of a syndicate of lending banks.

Responsible for the management of benchmarking studies for underground and open pit mining operations, involving some 40 properties in North America, Australia, Europe and Southern Africa.

Conducted evaluations, for a variety of clients, for the purpose of purchase or sale of international mining properties in the coal, uranium, asbestos, tungsten, potash, precious metals, base metal and industrial mineral industries.

Acted as agent to a major Canadian mining company for the sale of an operating zinc mine in South America.

Monitored, on behalf of a major utility, a contract between the utility and two mining companies for the long term supply of uranium.

Carried out a production financing study for a consortium of Canadian and international banks on a major coal property in British Columbia. The project involved capital expenditure in excess of \$900 million. Monitoring of this project, on behalf of the banks, continued through the construction and operating phases.

Evaluated and performed financial sensitivity analyses on a uranium deposit in the Northwest Territories for a government-controlled enterprise.

Conducted a production financing study for banks on a major operation in Northern Ontario, producing copper, lead, zinc and silver.

Advised mining companies on optimal strategic mine plans for operations in the asbestos, copper and lead/zinc industries.

Recommended, to a European government-controlled mining enterprise, a corporate structure and location for an international mining company to control worldwide operations in the copper, lead and zinc industries.

Conducted, on behalf of a Canadian potash producer, a study of worldwide longwall mining methods and made recommendations as to their suitability for conditions in the client's operations.

Assisted in a study of the free world supply of asbestos for the U.S. Bureau of Mines.

Carried out a production financing study for a consortium of Canadian and international banks for a potash project in New Brunswick, involving a capital expenditure of approximately

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\$300 million. Monitoring of this project continued through the construction and operating phases.

Monitored the operations of three gold properties in northern Canada, in respect of a gold loan provided by a major bank based in the United Kingdom.

EDUCATION

B.Sc. (Honours) Mechanical Engineering, Imperial College of Science and Technology, University of London, 1966

B.Sc. (Honours) Mining Engineering, Royal School of Mines, Imperial College of Science and Technology, University of London, 1968

M.Sc. (Engineering), University of Witwatersrand, Johannesburg, 1980

AWARD

The Consolidated Goldfields Gold Medal of the Institution of Mining and Metallurgy (1980)

PUBLICATIONS

Tunnel-boring in deep-level mines - the F.S.G. experience. South African Tunelling, March, 1980.

The application of pneumatic conveying techniques to the mining industry, with co-authors; 5th International Conference on Pneumatic Transport of Solids in Pipes, London, April, 1980.

Tunnel boring in a deep South African gold mine Transactions of the Institution of Mining and Metallurgy, April, 1980. (Awarded the Gold Medal of the Institution of Mining and Metallurgy).

PROFESSIONAL AFFILIATIONS

Member of the Professional Engineers of Ontario

Member of the Canadian Institute of Mining, Metallurgy & Petroleum

Fellow of the Institution of Materials, Minerals and Mining

Fellow of the Australasian Institute of Mining and Metallurgy