

Richard G. Killam, P. Eng.
Vice-President, Environment

Summary

Mr. Killam is Vice-President-Environment at the Vancouver office of Knight Piésold Consulting. He is an environmental engineer with over 30 years of experience in the design, environmental assessment and permitting, construction, operation and closure of mining projects and operations in North America, Latin America, and Papua New Guinea. Rick is active in a number of initiatives concerning the environmental and social responsibility of the mining industry. He is an advisor to the Mineral Policy Research Initiative of IDRC Canada and to the not-for-profit organization Canadian Business for Social Responsibility. Rick is a registered Professional Engineer (Metallurgical) in the Province of British Columbia. He is fluent in Spanish.

Education

Executive Program, Queen's University School of Business, Kingston, Ontario; 2001.

Bachelor of Applied Science (Metallurgy), University of British Columbia, Vancouver BC; 1971.

Registration

Association of Professional Engineers and Geoscientists of British Columbia

Affiliations

Canadian Institute of Mining – Member
B.C. & Yukon Chamber of Mines – Member

Training

Working Effectively with Aboriginal Peoples, BCYCM Short Course; Vancouver BC; 2004.

Conflict Analysis and Management Program, Royal Roads University; Victoria BC; 1998.

Acid Mine Drainage Short Course; Robertson Geotechnical Consultants et al; Vancouver BC; 1991.

Professional Experience

R.G. Killam & Associates; Vancouver, Canada – Manager, Environmental Assessment Program, Pacific Booker Minerals Inc., Vancouver; Advisor to Natural Resources Canada, Britannia Mine Innovation Centre Concept Study; Advisor to Canadian Business for

Social Responsibility in the development of their mining and social responsibility program.

International Council on Mining and Metals; London, England – Program Director providing substantial contribution to the identification of priority issues and the program development of ICMM and its members.

Placer Dome Latin America; Santiago, Chile – Director, Sustainable Development for direction of the Latin American regional programs to achieve the Placer Dome sustainable development policy objectives. Presided over the Chilean Mineral Council (Consejo Minero) environment committee.

Placer Dome Latin America; Santiago, Chile – Vice-President, Environmental Affairs and Safety responsible for: the development and implementation the Latin American regional programs to achieve the Placer Dome environmental and safety policy objectives; corporate direction for the development and implementation of comprehensive environmental management frameworks at two Chilean mine operations; for the preparation of environmental impact assessment studies for projects in Venezuela, Costa Rica and Chile; and for implementation of an environmental management program for exploration projects throughout Latin America.

Placer Dome Inc.; Vancouver, Canada – Senior Environmental Engineer responsible for technical and managerial direction of environmental programs at mine projects and operations in Canada, the United States and Latin America including wastewater treatment, tailing management, hydrology and hydrogeology assessments, environmental baseline studies, community consultation, regulatory approvals, post-closure planning, and environmental audits and their follow-up programs.

Klohn Leonoff Consulting Engineers; Richmond BC, Canada – Senior Environmental Project Manager for development of the firm's environment division. Performed on-site inspections and prepared due diligence reports for regulatory compliance.

Merit Consultants Limited, Misima Mines Project (Placer Dome Inc.); Papua New Guinea – Engineering Manager responsible for on-site construction contract management, quantity and cost engineering, project scheduling, field engineering and inspection required for the construction of

the 15000-tpd Misima open pit gold mine, CIP leach process plant, submarine tailing disposal system and related infrastructure including roads, airport, community services, port facilities and accommodation centre.

Noramco Mining Corporation; Vancouver, Canada - Director of Mining Operations responsible for the regulatory approval, construction and operation of a 400-tpd Northern Ontario underground gold mine and CIP leach process plant.

Canada Tungsten Mining Corporation Limited and Amax of Canada Limited; Vancouver, Canada – Manager, Environmental and Regulatory Affairs responsible for environmental and regulatory programs for mine operations in British Columbia and the Northwest Territories of Canada including site monitoring programs and studies, and dealings with senior government officials, aboriginal peoples and the public concerning environmental, land use, and health issues.

Amax of Canada Limited; Kitsault Mine Project, Vancouver, Canada – Project Administrator responsible for the engineering design coordination, construction contract management, and project cost and scheduling functions for the construction of a 12000-tpd molybdenum mine, townsite, port facilities, access roads and power supply; responsible for the preparation and presentation of information briefs to senior government officials, aboriginal peoples and the public.

Wright Engineers Limited; Vancouver, Canada – Project Coordinator / Engineer responsible for mechanical and piping design, metallurgical process equipment selection and flowsheet development. Field engineering for mining projects in Peru, Spain, Argentina and Canada.

Work History

R.G. Killam & Associates, Vancouver, Canada; President, Jul 2002 – Dec 2003

International Council on Mining and Metals, London, England; Program Director, Nov 2001 – Jun 2002

Placer Dome Latin American, Santiago, Chile; Director, Sustainable Development, Dec 1997 to Oct 2001

Placer Dome Latin American, Santiago, Chile; Vice-President, Environmental Affairs and Safety, July 1994 to Dec 1997

Placer Dome Inc.; Vancouver BC, Canada; Senior Environmental Engineer, Oct. 1990 – Jun. 1994
Klohn Leonoff Consulting Engineers; Richmond BC, Canada; Senior Environmental Project Manager, Oct. 1989 – Oct. 1990
Merit Consultants Limited; Papua New Guinea; Engineering Manager - Misima Mines Project (Placer Dome Inc.), Feb. 1988 – Sep. 1989
Noramco Mining Corporation; Vancouver BC, Canada; Director of Mining Operations, Oct. 1986 – Feb. 1988
Canada Tungsten Mining Corporation Limited; Amax of Canada Limited; Vancouver BC, Canada; Manager, Environmental and Regulatory Affairs, Aug. 1982 – Oct. 1986
Amax of Canada Limited; Vancouver BC, Canada; Project Administrator - Kitsault Mine Project, Sep. 1978 – Aug. 1982
Wright Engineers Limited; Vancouver BC, Canada; Project Coordinator / Engineer, Sep. 1973 – Sep. 1978

Publications and Presentations

“Production and Performance - Mining's New Reality” - Lecture to Department of Mining Engineering; University of B.C., Vancouver, Canada. 2002

“Mining and Stakeholder Involvement” - Hemispheric Trade and Sustainability Symposium; Quebec City, Canada. 2001

“Latin American Permitting and Approval Processes - The Placer Dome Experience” - Mine Expo 2000 Symposium; Las Vegas, Nevada. 2000

“A Code of Environmental Responsibility for the Chilean Mining Council” - Seminar on Mining Environmental Management; La Serena, Chile. 2000

“Sustainable Development in Mining: The Social Perspective” - Expomin 2000, Plenary Session; Santiago, Chile. 2000

“Sustainability and the Community: Developing Relationships That Will Last” - PECC First Minerals Forum; Lima, Peru. 1999

“Mining and Sustainable Development: How Can We Achieve Credibility?”
- 5th Biennial Conference of the International Institute for Ecological
Economics; Santiago, Chile. 1998

“Sustainability Policy and Performance: Anticipating a Changing
Responsibility” - APEC 2nd Workshop for Sustainable Development
in Mining Activities, Santiago, Chile. 1998

“Acid Mine Drainage and the Latin American Regulatory Regime” - Fourth
International Conference on Acid Rock Drainage; Vancouver BC,
Canada. 1997

“Sustainable Mining Development? A Perspective” International
Conference on Mining and Sustainability; Santiago, Chile. 1996

“Mining Environmental Technology”, Plenary Address, Canada-Chile
Conference on Environmental Technology; Santiago, Chile. 1995