

## BASE METALS

The professionals at Micon International Limited have been involved in numerous assignments relating to the base metals industry. Examples of these assignments are provided below:

### COPPER-GOLD

**DDJ Capital Management:** Review of the feasibility study for the Kemess project, British Columbia, Canada, for investment decision.

**LAC Minerals:** Review of the operations of El Indio mine, Chile.

**Leader Mining International:** Prefeasibility study of the Knife Lake copper-gold deposit in northern Saskatchewan.

**Les Mines Camchib:** Conceptual studies and preliminary engineering for rehabilitation of 700 t/d copper-gold mill, supervision of pilot SAG mill testwork and expansion of the operating plant, Quebec, Canada

**Metall Mining:** A review of the operations and evaluation of the reserves of the Ok Tedi copper-gold Mine, Papua New Guinea.

**Morgan Guaranty Trust Company:** Review of a feasibility study for expansion of production at Freeport Indonesia's Ertzberg mine.

**Potential Investor:** Review of the Bajo de la Alumbrera deposit, Argentina.

### LEAD-ZINC DEPOSITS

**Barclays Capital and ABN Amro Bank:** Due diligence review of feasibility study and subsequent monitoring for the Lisheen zinc-lead deposit, Ireland, on behalf of lenders to the project.

**Brunswick Mining & Smelting Corp. (Noranda), Bathurst, New Brunswick:** Conducted studies for copper-lead-zinc concentrate dewatering and concentrator expansion.

**Compañía Minera Milpo, S.A.:** An assessment of the Atacocha mine, Peru, with respect to its potential purchase by Milpo.

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**Confidential Client:** Review of geology and ore reserves of Tara Mines, Ireland, for valuation purposes.

**Confidential Client:** Fatal flaw review of the assets of Padaeng Industries, Thailand, for potential acquisitions of shares.

**Curragh Resources:** Ore reserve appraisal for the purposes of valuation of the Reocin mine, Spain.

**Government of the Yukon Territory:** Evaluation of the economics of the proposed mining of the Grum deposit, Faro, Yukon Territory, Canada.

**Kilborn Limited:** Assistance with the feasibility study for the Stronsay (Cirque) deposit, British Columbia.

**Marshall Minerals:** Preparation of a prefeasibility study and design for a bulk sample open cut for the Restigouche base metal project in northern New Brunswick, Canada.

### ZINC, COPPER-ZINC AND COPPER DEPOSITS

**Barclays (BZW)/UBS:** Examination of Polish mining operations of KGHM and preparation of a Competent Person's Report in compliance with the requirements of the London Stock Exchange, in connection with the privatization of KGHM Polska Miedź.

**Benchmarking:** As part of an international benchmarking study in conjunction with Ernst & Young Consulting, evaluation of operating parameters and productivity, Neves Corvo copper mine, Portugal.

**Billiton International:** Technical review of a major copper project, in South America for a potential buy-in.

**Boliden:** Assistance with the evaluation of the exploration potential for the Mahr Tunel project, Peru.

**Boliden Apirsa:** Review and audit of the Los Frailes reserves prior to reopening of the mine.

**Caledonia Mining:** Review of certain properties in Cuba as part of an internal assessment of joint venture partners.

**Compañía Minera Milpo, S.A.:** Valuation of the Cerro Lindo VMS exploration property and a preliminary review of Milpo's exploration properties in Peru.

**Confidential Client:** Review of Noble Peak Resources' Crypto Zinc deposit in Utah, USA.

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**Confidential Client:** Valuation of the ore reserves and productive facilities of copper-zinc mines in Chibougamau, Quebec, Canada.

**Confidential Client:** Technical assessment of the Udokan copper deposit, Russia, and the Leninogorsk tailings, Kazakhstan.

**Confidential Client:** Field examination and review of the reserves for prefeasibility purposes of the Sanyati oxide copper-zinc deposit in Zimbabwe.

**Doelcam:** Feasibility study management of the Bilbao copper-zinc project, comprising an oxide ore vat leaching and solvent extraction processing plant located in Mexico.

**First Marathon:** Draft information memorandum on the Tenke Fungarume project, Zaire.

**Hudson Bay Mining and Smelting:** Review of planning procedures, ore reserve estimation, construction of a technical-financial computer model to evaluate alternative options for future development, and evaluation of the options for mine deepening at the Trout Lake copper-zinc mine, northern Manitoba, Canada.

**Hudson Bay Mining and Smelting:** Review of resource/reserve determination practice and procedure at the Ruttan copper-zinc-silver-gold and Callinan mines, northern Manitoba, Canada.

**Investec Bank:** Independent Engineer due diligence audit of the Tenke Fungarume project, Zaire.

**Jiangxi Copper Company, China:** Technical advisor for expansion and production improvement program.

**KGHM Polska Miedzi and Cuprum:** Technical due diligence review, including mineral resources, ore reserves, mining and geotechnical issues at the Mufulira copper mine, Zambia.

**Minera Rayrock:** A review of the reserves of the Ivan-Zar copper project near Antofagasta, Chile, for feasibility study purposes.

**Société Minière de Bougrine, Tunisia:** Design and commissioning of a 1,000 t/d concentrator employing differential flotation and pressure filter dewatering. Special features of this project included used equipment and supervision of sub-contracted engineering design with Tunisian group.

**South Atlantic Resources:** Assessment of the Masa/Ingá project, Vazante, Minas Gerais, Brazil.

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### BASE METAL POLYMETALLIC

**Benchmarking:** Evaluation of costs and operating parameters for the Olympic Dam underground operations in South Australia.

**Benchmarking:** As part of a world-wide underground mining benchmarking study (in conjunction with Ernst & Young Consulting). Evaluation of costs and operating parameters for three mines in the Mount Isa district, Queensland, Australia.

**Benchmarking:** As part of an international benchmarking study (in conjunction with Ernst & Young Consulting). Evaluation of costs and operating parameters for the Kidd Creek mine and operations.

**Cerro Castillo:** Reviewed development and production alternatives at the Mina Angela base-precious metal mine, Chubut province, Argentina. Project management assistance for site closure and technical environmental advice were also provided.

**Barrick Gold:** Provided assistance to the client in the sale of an operating zinc-gold mine, Chile for site closure.

### NICKEL

**AGL Power generation:** Due diligence review for a board level decision on the Cawse nickel laterite mine, Australia.

**Benchmarking:** As part of an international benchmarking study in conjunction with Ernst & Young Consulting, evaluation of costs and operating parameters for the Creighton, Stobie, Fraser and Strathcona underground operations, Sudbury, Ontario.

**Labrador Inuit Association:** Provided technical assistance regarding the financial and environmental aspects of the Voisey's Bay Project. Expert testimony was provided during the Environmental Assessment hearings.

**Norilsk Nickel RAO:** Reviewed the resource and reserve estimation procedures for the Norilsk, Talnakh and Octyobr deposits, Krasnoyarsk Province, for potential financing by international institutions.

**Outokumpu Mines Ltd.:** Prefeasibility study of the Montcalm nickel project, Ontario, Canada.

**Confidential Client:** Review of geology and ore reserves of Tara Mines, Ireland, for valuation purposes.