

**B. TERRENCE (TERRY) HENNESSEY, P.Geo., MAusIMM**  
**Vice President, Senior Economic Geologist**

**BACKGROUND**

Terry Hennessey is a Senior Economic Geologist and Vice President with Micon International Limited, mineral industry consultants.

Prior to joining the staff of Micon he gained experience in mapping, literature research and preparation of maps for publication with the Ontario Geological Survey. He later worked in gold, base metals and tin exploration in the Superior Province of the Canadian Shield and the Piedmont region of the south-eastern United States as well as iron ore exploration in the Labrador Trough.

Since 1986 Mr. Hennessey has held a series of progressively more senior positions as a mine geologist. He worked for Pamour Inc./Giant Yellowknife (later Royal Oak) and Placer Dome at the Delnite, Hollinger, Pamour #1, Hoyle and Detour Lake Mines. At Detour Lake, as Senior Geologist reporting to the Superintendent of Technical Services, he was responsible for all production grade control, ore reserve estimation and reporting, underground exploration drilling and special projects. In addition, Mr. Hennessey has frontline production supervisory experience as a “shift boss” in an open pit environment, as well as six years of active mine rescue experience in an underground mine. He has completed the Underground Supervisors Common Core Program, required by the Ministry of Labour in Ontario.

Mr. Hennessey has over 30 years experience in surface and underground mapping, mineral exploration, reverse circulation and diamond drill program planning, execution and management, including over 10 years of experience at Mineral Resource estimation, Ore Reserve reporting and grade control at several producing mines in Canada.

Mr. Hennessey is currently involved in mineral resource/reserve estimation, review and auditing and in the assessment and valuation of mines and mineral properties at Micon. He has particular expertise in the collection and interpretation of geologic data in mining environments and their use to support or constrain conventional and block model resource estimates.

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**PROFESSIONAL ASSIGNMENTS**

Coauthor of a technical report on a mineral resource estimate to be in used in a bankable feasibility study on Osisko Mining's Canadian Malartic Mine in Malartic Quebec.

Overall responsibility for the first mineral resource estimate at Aurelian Resources Inc.'s 14 Moz Fruta del Norte deposit in Ecuador.

Author of a technical report reviewing a mineral resource estimate to be used in a bankable feasibility study on Largo Resources' Maracas project in Bahia, Brazil.

Author of a technical report on a mineral resource estimate to be used in a bankable feasibility study on Fortune Minerals' NICO IOCG project in the NWT, Canada.

Member of the team which completed the technical due diligence and 43-101F1 report on the acquisition of Peak Gold Mines and Minera Alumbreira by Wheaton River Minerals Ltd.

43-101F1 Technical Report on a proposed exploration program for the Jacobina Mine by Desert Sun Mining Corp.

Review of the exploration potential of a major European base metals mine for a consortium of banks.

Annual mineral resource/reserve audits of the Brunswick Mine (1999 - 2001) for Noranda Inc.

Annual mineral resource/reserve audits of the Jacobina Mine (2001 - 2004) for Desert Sun.

Review of the mineral resources and assets of the Faro lead-zinc mine for the Canadian government.

Technical editor of several bankable feasibility studies for major Canadian mining companies.

Review and audit of sampling and analytical procedures used at an advanced stage gold exploration project in northern Chile.

Mineral resource estimate in support of determination of the fair market value of placer gold claims in Alaska for the United States Department of Justice.

Technical due diligence reviews, for the owners, of operating precious metals mines in Central and South America.

Reviewed mineral resource/reserve determination procedures and reconciliation to mill output for a European gold mine.

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Technical due diligence review, for a confidential client, of a group of small gold mines in Brazil, as part of a potential acquisition offer.

Completion of a qualifying report, for the Vancouver Stock Exchange, on a gold-copper exploration property in Ecuador.

Member of the team which performed the Technical Due Diligence on the sale of the Kiena and Sigma Mines to McWatters Mining Inc.

Member of the team which performed the Technical Due Diligence on the polymetallic base-precious metals mines of Boliden AB, for an IPO on the Toronto Stock Exchange.

Ore reserve audit, for the owner/operator, of a recently re-opened, former gold producer in the Superior Province of the Canadian Shield, Northwestern Ontario.

**PROFESSIONAL EXPERIENCE**

Co-author and editor of a feasibility report and AFE for a US\$14 million mine/mill expansion at a large gold mine in Ontario. Participated in the successful presentation of the Feasibility Report and AFE to the board of directors of the company.

Prepared the Geology, Mineral Resources and Mining Sections (including ramp access and drill program design) and edited the feasibility report for a US\$7 million exploration project to expand a large gold mine in Ontario. Participated in the successful presentation of the AFE to the board of directors of the company.

Participated in Ore Reserves and Mineral Resources Standards and Reporting committees with two gold mining companies.

Solved an ongoing head grade discrepancy for ore, from a single source, which was being processed at two different mills. This resulted in the installation of a gravity recovery circuit at one mill which increased recovered gold and revenues by approximately CDN\$60,000 per month.

Led a multi-disciplinary team of miners, production supervisors and technical staff which produced a unanimous joint report titled Safety and Procedures for Sampling and Mapping in Mechanised Cut and Fill Stopes as a response to the Ministry of Labour's Ground Support Policy. The team concluded that working "off-of-the-muckpile" was the safest way of sampling in a large MCF stope. As a result, the mine became the only one in Ontario at the time allowed to send geologists under unsupported ground to map and sample in a timely and safe manner.

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**EDUCATION**

B.Sc. Geology, McMaster University, Hamilton Ontario, 1978

**PROFESSIONAL AFFILIATIONS**

Practicing Member of the Association of Professional Geoscientists of Ontario (P.Geo.)  
Member of The Australasian Institute of Mining and Metallurgy  
Fellow of the Society of Economic Geologists.  
Canadian Institute of Mining and Metallurgy, Toronto Branch and National  
Prospectors and Developers Association of Canada

**EMPLOYMENT HISTORY**

Micon International	1996 - Present
Placer Dome Inc.	1988 - 1996
Pamour Inc./Giant Yellowknife	1986 - 1988
Gold Fields Mining Corporation	1980 - 1985
Ontario Geological Survey	1979 - 1980
Iron Ore Company of Canada	1977 – 1978
Ontario Division of Mines	1976

**PUBLICATIONS AND PRESENTATIONS**

“Developing, Drafting and Using Form 43-101F1 Technical Reports”, The Conference Board of Canada, New Disclosure Rules for Mining Companies Conference Vancouver, British Columbia, Canada, Workshop Leader. December 2002.

“Developing, Drafting and Using Form 43-101F1 Technical Reports”, The Conference Board of Canada, New Disclosure Rules for Mining Companies Conference Toronto, Ontario, Canada, Workshop Leader. June 2002.

“When is a Reserve A Reserve?” Mineral Industry Research Organisation (MIRO) Newsletter, Volume 14, Issue 3, August 2001.

“Professional Practice and Ethical Issues in the Estimation of Mineral Resources”, Presentation to GeoCanada 2010 conference, Calgary, 2010.