

INTERNATIONAL CYANIDE MANAGEMENT INSTITUTE

Auditor Credentials Form

Facility Audited: Musselwhite Mine, Canada

Date: February 01, 2010

Lead Auditor and Technical Expert Credentials

Lead Auditor: Pamela J. Stella, P.G., CEA

Golder Associates Inc.

44 Union Blvd., Suite 300

Lakewood, CO 80228

Certifying Organization: National Registry of Environmental
Professionals (NREP)

Address: PO Box 2099, Glenview, IL 60025

Auditor Certification Number: 9754

Telephone Number: (303) 980-0540

Telephone Number.: (847) 724-6631

Web Site Address: www.nrep.org

Minimum experience: 3 audits in past 7 years as Lead Auditor

Year	Type of Facility, Type of Audit Led	Country & State/Province
2009	Goldcorp Inc. Marigold. Lead Auditor for the verification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.	Nevada, USA
2009	Goldcorp Inc. Marlin Mine. Lead Auditor for the verification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.	Guatemala
2009	Confidential gold mine and milling facility. Lead Auditor for Gap analysis audit for compliance with the ICMC. Audit followed ICMI verification protocol and included development of detailed audit report and action plan.	Argentina
	Newmont Mining Corporation Carlin Mine. Lead Auditor for the verification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.	Nevada, USA
	Confidential gold heap leach facility. Lead Auditor for Gap analysis audit for compliance with the ICMC. Audit followed ICMI verification protocol and included development of detailed audit report and action plan.	Mexico
2008	Newmont Mining Corporation Phoenix Mine. Lead Auditor for the verification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.	Nevada, USA
	Goldcorp Inc. El Sauzal Mine. Lead Auditor for the verification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.	Los Mochis, Mexico
	Newmont Mining Corporation Minera Yanacocha Mine. Technical Mining Expert Auditor for the verification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.	Cajamarca, Peru
	Pogo Gold Mine. Lead auditor for third-party compliance audit of the gold mines and CIL beneficiation involving cyanidation and cyanide destruction process. Results of the audit were to assist in determining if the Environmental Management Systems of the company and the regulatory controls applicable to the mine provide reasonable assurance	Alaska

Year	Type of Facility, Type of Audit Led	Country & State/Province
	that environmental objectives are being met and that they systems and controls are functioning as intended. The audit was a 5-year environmental compliance audit required by the agencies.	
	Confidential gold mill tailings facility. Technical Mining Expert Auditor for Gap analysis and verification audit for compliance with the ICMC. Audit followed ICMI verification protocol and included development of detailed audit report and action plan.	Ontario, Canada
2008	Confidential gold mill tailings facility. Technical Mining Expert Auditor for Gap analysis and verification audit for compliance with the ICMC. Audit followed ICMI verification protocol and included development of detailed audit report and action plan.	Ontario, Canada
	Confidential gold mill tailings facility. Technical Mining Expert Auditor for Gap analysis and verification audit for compliance with the ICMC. Audit followed ICMI verification protocol and included development of detailed audit report and action plan.	Ontario, Canada
2007	Barrick Gold Corporation Ruby Hill Mine. Technical Mining Expert Auditor for the verification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.	Nevada, USA
	Newmont Mining Corporation Lone Tree Mine. Technical Mining Expert Auditor for the verification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.	Nevada, USA
	Barrick Gold Corporation Goldstrike Mine. Technical Mining Expert Auditor for the verification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.	Nevada, USA
	Confidential gold mill tailings facility. Technical Mining Expert Auditor for Gap analysis and verification audit for compliance with the ICMC. Audit followed ICMI verification protocol and included development of detailed audit report and action plan.	Guatemala
	Technical Mining Expert Auditor for Gap analysis and verification audit for compliance with the ICMC. Audit followed ICMI verification protocol and included development of detailed audit report and action plan.	Chile
2006	Marigold Gold Mine. Technical Mining Expert Auditor for the verification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.	Nevada, USA
2006	Confidential gold cyanide heap leach facility and two tailing storage facilities – Auditor for corporate environmental audits.	Mexico, Guatemala, Honduras
2006	Confidential gold cyanide heap leach facility – Technical Expert for gap analysis and verification audit for compliance with the ICMC. Audit followed ICMI verification protocol and included development of detailed audit report and action plan.	Nevada, USA
2005	Barrick Gold Corporation La Pierina Gold Mine. Lead Auditor for Cyanide Pre-verification compliance audit for the International Cyanide Management Code of a gold cyanide heap leach facility. The audit followed the Code's principles and practices. Daily meetings were held with the key mine management staff to discuss the audit findings and information requests. Technical Auditor for handling, storage, operations, safety, emergency response, training and public consultation.	Peru
2004	Barrick Gold Corporation Gold Strike Mine. Lead Auditor for Cyanide Pre-verification compliance audit for the International Cyanide	Nevada

Year	Type of Facility, Type of Audit Led	Country & State/Province
	Management Code of a gold cyanide heap leach facility. The audit followed the Code's principles and practices. Daily meetings were held with the key mine management staff to discuss the audit findings and information requests. Technical Auditor for handling, storage, operations, safety, emergency response, training and public consultation.	

Cyanide-related Operations Experience




Each auditor must have at least 3 years; at least one auditor must have at least 7 years experience

Auditor	Yrs.	Relevant Position Titles	Types of Operations
Pamela J. Stella, C.E.A., P.G. Masters of Science Geology	24	Senior Mining Environmental Consultant	Since 1989, Ms. Stella has provided environmental services to gold mine operations worldwide. She is the National Mining Environmental Coordinator for Golder Associates Inc. and spends approximately 90% of her time providing the following services to gold operations: compliance auditing, mine permitting, ground and surface water management, development of environmental management plans, contingency plans and health and safety plans, project manager for bankable environmental baseline studies and environmental impact assessments for gold mining operations (exploration through closure) to local regulations, international best practices and World Bank guidelines. Her former career as a registered nurse allows her to fully evaluate health and safety issues. Her technical background is in geology and water resources.
G. Ivón Aguinaga Civil Engineer, M.Sc. in Environmental Science and Management.	8	Senior Project Engineer, Mining Group, Golder Associates Inc.	Ms. Aguinaga has over 8 years of experience in mining environmental projects involving all phases of mining development and operation. Approximately 75% of her experience has been spent with gold operations. This experience includes: compliance auditing, mine permitting, development of mine water balances, environmental studies, review of budgets and schedules for mining environmental projects, and environmental management plans (e.g., environmental contingency plans and occupational health and safety plans). She has been involved

Auditor	Yrs.	Relevant Position Titles	Types of Operations
			in several multidisciplinary environmental impact assessment projects and environmental baseline studies for mining operations.
Peter Kresin Professional Engineer	35	Engineering Consultant	Mr. Kresin has over 35 years of diverse experience in both, operation and management of milling facilities, and in providing metallurgical and environmental engineering services to mining companies that included designing and directing metallurgical testing programs, flowsheet development with conceptual plant layouts, providing capital and operating cost estimates and developing mine closure plans for various projects. Over 30 years of his experience were directly related to management of gold ore processing plants using cyanidation extraction with Merrill-Crowe and CIP gold recovery methods, tailings treatment for cyanide removal and tailings disposal. His range of experience within the gold mining industry included metallurgical process development, optimizing milling processes, equipment reviews/installations, start-up plans, feasibility studies, tailings treatment and disposal, waste water treatment, environmental assessments, permitting of tailings facilities, managing tailings dam construction and mine closure planning. Mr. Kresin holds a Bachelors degree in Chemical Engineering and a Masters degree in Mining and is a Professional Engineer registered in the provinces of Ontario and British Columbia.

Statement of No Conflict

I certify that I have not audited any component of this facility for which I was responsible for design or development; nor have I within the past year been an employee of the facility, its parent company, or associated affiliates. Excluding audits, I have not derived more than 30% of my income within the past 5 years from the facility, its parent, or associated affiliates. I have not participated in more than two consecutive Cyanide Code audits of this facility. I have participated in at least 3 health, safety, and/or environmental audits in the past 7 years and am familiar with standard audit procedures as well as with the protocols developed by the International Cyanide Management Institute for implementation of the Code.

Signed	Name	Signature	Date
Lead Auditor*	Pamela J. Stella, CEA		02/01/10
Auditor	G. Ivón Aguinaga		02/01/10
Auditor	Peter Kresin		02/01/10


Use additional pages if necessary

*The lead auditor's signature must be certified by notarization or equivalent.



Notary Public
State of Colorado

My commission expires: 04/30/2011

State of Colorado
County of Jefferson
The foregoing instrument was acknowledged before
me this 1st day of February, 2010
by Pamela J. Stella
Personally known ☒ OR produced identification _____
Type ID produced _____


Notary Public