

Peñasquito Mine, Mexico
Goldcorp Recertification Audit

INTERNATIONAL CYANIDE MANAGEMENT INSTITUTE

Auditor Credentials Form

Dates of the Audit: November 26-29, 2018

Lead Auditor and Technical Expert Credentials

Lead Auditor: Pamela J. Stella, P.G., CEA
Pamelajstella@msn.com

Auditor Certification Number: 9754
Telephone Number:
(303) 567-2865
(720) 369-3437

Certifying Organization: National Registry of Environmental
Professionals (NREP)

Telephone Number.: (847) 724-6631

Address: PO Box 2099, Glenview, IL 60025

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
2018	SSR Mining Inc., Marigold Mine, a gold heap leach operation. Lead Auditor for the recertification audit for compliance with the ICMC. Audit followed the verification protocol for mining operations.	USA
2018	Goldcorp Inc., Peñasquito Mine, gold milling and tailings facility. Part of corporate internal gap-analysis audit to verify facility is maintaining ICMI compliance.	Mexico
2017	Goldcorp Inc., Cerro Negro Mine, gold milling and tailings facility. Part of corporate internal gap-analysis audit to verify facility is maintaining ICMI compliance.	Argentina
2017	Goldcorp Inc., Marlin Mine, Lead Auditor to determine that no cyanide facilities remain on site and that the Cyanide Code no longer is applicable. Therefore, the Marlin Mine has been decommissioned and has been withdrawn from the Cyanide Code program.	Guatemala
2017	Agnico Eagle La India Mine, a gold heap leach operation. Technical Auditor for the initial certification audit for compliance with the ICMC. Audit followed the ICMI verification protocol for mining operations.	Mexico
2017	Newmont Mining Corporation Merian Mine, gold milling and tailings. Lead Auditor for the verification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.	Suriname
2016	Goldcorp Inc., Cerro Negro Mine, gold milling and tailings facility. Lead Auditor for the initial verification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.	Argentina
2015	Goldcorp Inc., Los Filos, a heap leach gold facility. Provided technical	Mexico



Pamela Stella
Environmental Mining Services LLC

Peñasquito Mine, Mexico
Goldcorp Recertification Audit

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2010	<p>guidance for an internal gap analysis for compliance with the ICMC.</p> <p>Barrick Gold Corporation Goldstrike Mine, gold milling and tailings facilities. Lead Auditor for the verification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.</p> <p>Newmont Mining Corporation Twin Creeks Mine, gold milling and tailings and heap leach gold facilities. Lead Auditor for the verification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.</p> <p>Newmont Mining Corporation Lone Tree Mine, a heap leach gold facility. Lead Auditor for the certification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.</p> <p>Goldcorp Inc. Los Filos Mine, a heap leach gold facility. Lead Auditor for initial certification audit for compliance with the ICMC.</p> <p>Confidential gold milling and tailings 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.</p>	<p>Nevada, USA</p> <p>Nevada, USA</p> <p>Nevada, USA</p> <p>Mexico</p> <p>Mexico</p>
	<p>Goldcorp Inc. Musselwhite Mine, a gold milling and tailings facility. Lead Auditor for the certification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.</p>	<p>Ontario, Canada</p>
	<p>Goldcorp Inc. Marigold Mine, a heap leach gold facility. Lead Auditor for the recertification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.</p>	<p>Nevada, USA</p>
	<p>Goldcorp Inc. Marlin Mine, a gold milling and tailings facility. Lead Auditor for the verification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.</p>	<p>Guatemala</p>
2009	<p>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.</p> <p>Newmont Mining Corporation Carlin Mine, a gold milling and tailings facility and heap leach operations. Lead Auditor for the verification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.</p> <p>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.</p> <p>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.</p>	<p>Argentina</p> <p>Nevada, USA</p> <p>Mexico</p> <p>Nevada, USA</p>



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Goldcorp Recertification Audit

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	Goldcorp Inc. El Sauzal Mine, a gold milling and tailings facility. Lead Auditor for the verification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.	Los Mochis, Mexico
2008	Newmont Mining Corporation Minera Yanacocha Mine, heap leach gold facilities. 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, a gold milling and tailings facility. 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 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.	Alaska
	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
	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, a heap leach gold operation. 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
2007	Barrick Gold Corporation Goldstrike Mine, gold milling and tailings facilities. 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	Nevada, USA



Peñasquito Mine, Mexico
 Goldcorp Recertification Audit

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	verification audit for compliance with the ICMC. Audit followed the ICMI verification protocols for Gold Mining Operations.	
	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 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.	Nevada



Peñasquito Mine, Mexico
 Goldcorp Recertification Audit
Tito Campos

Year	Type of Facility, Type of Audit	Country & State/Province
2018	Yamana Gualcamayo Mine. Recertification audit against the Cyanide Code. Lead Auditor for recertification audit for compliance with the ICMC. Audit followed ICMI verification protocol.	Argentina
2018	Goldcorp Peñasquito Mine. Recertification audit against the Cyanide Code. Technical Expert Auditor for recertification audit for compliance with the ICMC. Audit followed ICMI verification protocol.	Mexico
2018	Troy Resources Karouni mine. Pre-audit for recertification against the Cyanide Code. Lead and Technical Mining Expert Auditor for gap analysis and verification audit for compliance with the ICMC. Audit followed ICMI verification protocol.	Guyana
2017	Kinross Gold USA Fort Knox Mine. Recertification audit against the Cyanide Code. Lead Auditor for recertification audit for compliance with the ICMC. Audit followed ICMI verification protocol.	Alaska, USA
2017	Barrick Gold Corporation Veladero Mine. Pre-audit for recertification against the Cyanide Code. Technical Mining Expert Auditor for gap analysis and verification audit for compliance with the ICMC. Audit followed ICMI verification protocol.	Iglesia, Argentina
2017	Kinross Gold USA Fort Knox Mine. Pre-audit for recertification against the Cyanide Code. Lead and Technical Mining Expert Auditor for gap analysis and verification audit for compliance with the ICMC. Audit followed ICMI verification protocol.	Alaska, USA
2017	Newmont Mining Corporation Merian Mine. Audit for initial certification against the Cyanide Code. Technical Mining Expert Auditor for verification audit of compliance with the ICMC. Audit followed ICMI verification protocol.	Suriname
2016	Newmont Mining Corporation Yanacocha Mine. Pre-audit for recertification against the Cyanide Code. Technical Mining Expert Auditor for gap analysis and verification audit for compliance with the ICMC. Audit followed ICMI verification protocol.	Cajamarca, Peru
2016	Environmental due diligence evaluation of First Quantum Minerals Cobre Panama project, including milling and tailings facilities.	Colon Province, Panama
2016	Environmental audit at Barrick's Nickel Plate mine site. Audit included review of conformance against Corporate standards and closure and reclamation and costs.	British Columbia, Canada
2014	Newmont Mining Corporation Yanacocha Mine review of Stage 2A Mine Closure project, including assumptions and identification of opportunities for improvement of closure costs	Cajamarca, Peru
2014	Environmental and social due diligence review of confidential project in Mexico. Included review of heap leach and processing facilities.	Guerrero Province, Mexico



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2014	Environmental and social due diligence of confidential project in western Mali, including gold milling and tailings facilities.	Western Mali
2014	Environmental and social due diligence review of confidential project in southern California, USA. Included review of heap leach and processing facilities.	California, USA
	Environmental and social due diligence of confidential project in northern Chile, including gold milling and tailings facilities.	Northern Chile

Auditor	Yrs.	Relevant Position Titles	Types of Operations
Pamela J. Stella, Certified Environmental Auditor, M.Sc. in Geology	35	Senior Mining Environmental Consultant	Since 1989, Ms. Stella has provided environmental services to gold mine operations worldwide. She was Manager, Environmental Affairs Corporate for Kinross Gold from 2010-2015. She was responsible for the Kinross's Corporate Global Audit Program. She also was the acting Environmental Director for the Fruta del Norte Project prior to Kinross selling the Project to Lundin Gold. She was the National Mining Environmental Coordinator for Golder Associates Inc. and spent 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.
Tito Campos Forestry Engineer, Environmental and Social Responsibility Expert	23	<ul style="list-style-type: none"> • Group Executive Sustainability and External Relations – Newmont Mining • Regional Vice President 	Mr. Campos has more than 22 years of international experience in the mining industry at gold and copper mining operations and projects in Peru, Ecuador, Panama, Indonesia and United States.



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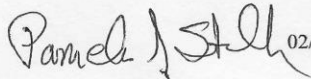
Auditor	Yrs.	Relevant Position Titles	Types of Operations
		Environmental and Social Responsibility for South America – Newmont Mining • Environmental Manager – Minera Yanacocha SRL	Worked for 20 years at Newmont Mining Corporation in the areas of environmental and social responsibility and have held different leadership positions at a site, regional and corporate level. Has technical expertise in environmental matters, including water management, monitoring programs, air quality, closure and reclamation, legal compliance, permitting, development of global standards / procedures, implementation of environmental management systems, technical due diligence evaluations and third-party reviews. In 2007 led the Yanacocha operations team in Peru to achieve cyanide code certification and recertification 3 years later.




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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		02/26/2019



Notary Public
State of Colorado

My commission expires: December 10, 2022

ARI J WHITMORE-SIROTTA
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20184046962
My Commission Expires December 10, 2022



Pamela Stella
Environmental Mining Services LLC