Facility Audited: Boroo Gold Company Ltd

Audit Date: November 7 - 11, 2011

Lead Auditor Credentials

Lead Auditor: John Lambert, P. Geo., CEA, ENVIRON EC (Canada) Inc.

Auditor Certification No.: 2000043

Certifying Organization

CECAB

(Canadian Environmental Certification Approvals Board)

Suite 200, 308 - 11th Ave SE Calgary, Alberta, T2G 0Y2

Ph: (403) 233-7484 Fax: (403) 264-6240

Email: blawson@cecab.org

Lead Auditor

John Lambert

Year	Type of Facility/Type of Audit Led	Country & State/Province
2014	GV Gold Limited. Technical auditor for a preliminary Cyanide Code review of the Vusochayshiy Gold Mine, located near Bodaybo, in the Irkutsk oblast in the east of Russia	Irkutsk, Russia
2014	Agnico-Eagle Mining Limited, Technical Auditor for the ICMC certification audit of the Meadowbank Supply Chain cyanide transportation route	Canada
2014	Agnico-Eagle Mining Limited, Technical Auditor for the ICMC certification audit of the Meadowbank Mine located in Nunavut, Canada	Canada
2014	Kinross Gold Corporation, Lead/Technical auditor for an ICMC precertification audit the Tasiast Mine, Mauritania	Mauritania





Year	Type of Facility/Type of Audit Led	Country & State/Province
2013	Azot, Rustavi, Georgia, Lead auditor for a precertification audit of their cyanide production plant in Rustavi, Georgia.	Federation of Georgia
2013	Eldorado Gold, Kisladag Mine, Turkey. Technical auditor for the ICMC certification audit of the Kisladag Gold Mine	Turkey
2013	Kinross Gold Corporation, Lead Auditor for the ICMC recertification audit of the Kupol Mine	Chukotka A.O., Russian Federation
2013	Kinross Gold, Chukotka Mining and Geological Company (CMGC) Transportation Group, Lead auditor for ICMC recertification audit, of the Pevek to Kupol Cyanide Transportation Route	Chukotka A.O., Russian Federation
2012	Kinross Gold Corporation,. Technical auditor for the ICMC certification audit of the Kinross Chirano mine	Ghana
2012	Centerra Gold Inc., Boroo Supply Route, Mongolia Lead Auditor for the ICMC Certification audit of the cyanide transportation route between Chinese/ Mongolian Border and the Boroo Mine Site, a distance of approximately 740 km	China and Mongolia
2012	Agnico-Eagle Mines Limited. Lead auditor for a preliminary Cyanide Code review of the Pinos Altos Gold Mine	
2012	Golden Star Resources, Ghana. Lead Auditor for the ICMC recertification audit of the Bogoso/Prestea gold mining operations	
2012	Golden Star Resources, Ghana. Lead Auditor for the ICMC recertification audit of the Wassa gold mining operations	Ghana
2012	Thompson Creek Minerals, Canada. Environmental auditor for environmental compliance audits of the Endako Molybdenum mine and Mt. Million gold mine project in northern British Columbia. Audit focused on air emissions, water and waste water management, solid waste management, dangerous goods and hazardous waste storage and transportation, and mine reclamation	British Columbia, Canada
2012	Kinross Gold Corporation, Kettle River Operations,. Lead Auditor for a Cyanide Code recertification Audit of the Kettle River Operations, Washington	Washington, USA





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2012	Minera Mexicana La Cienega S.A. de C.V. Lead auditor for a precertification audit of the La Cienega Mine operation	Durango, Mexico	
2012	Minera Frisco S.A.B. de C.V, Unidad San Felipe Lead auditor for a preliminary ICMC review of the San Felipe Mine	Baja California, Mexico	
2012	Kinross Gold Corporation, Compañia Minera Maricunga, Chile Lead Auditor for the Cyanide Code recertification Audit of the Compañia Minera Maricunga, Maricunga Mine	Chile	
2011	Centerra Gold Inc., Lead Auditor ICMC Certification Audit of the Kumtor Operation Company, Kumtor Mine	Kyrgyz Republic	
2011	Centerra Gold Inc., Lead Auditor ICMC Certification for the Kumtor Transportation Operation, Kyrgyz Republic.	Kyrgyz Republic	
2011	Minera Mexico, Lead Auditor for an ICMC preassessment of the La Cienega Mine	Mexico	
2011	Golden Star Resources, Lead Auditor for ICMC Interim Audits, Bogoso/Prestea and Wassa Operations	Ghana	
2010	Kinross Gold Corporation, Lead Auditor for the ICMC Certification Audit of Mantos de Oro Mine	Chile	
2010	AngloGold Ashanti (Colorado) Corp. and Golden Cycle Gold Corporation joint venture, Lead Auditor for the ICMC recertification audit of Cripple Creek & Victor Gold Mining Company, Cripple Creek Mine	Colorado, USA	
2009	Kinross Gold Corporation, Lead Auditor for the ICMC certification audit of the Kupol Mine	Chukotka A.O., Russian Federation	
2008	Golden Star Resources, Lead Auditor for the ICMC certification audit for the Wassa Mine operations	Ghana	
2008	Golden Star Resources, Lead Auditor for the ICMC certification audit for the Bogoso/Prestea Mine operations	Ghana	
2008	Kinross Gold Corporation, Lead Auditor for the ICMC certification audit for the Kettle River Mine operations,	Washington, USA	





Year	Type of Facility/Type of Audit Led	Country & State/Province
2008	Kinross Gold Corporation, Lead Auditor for the ICMC certification audit for the Compañia Minera Maricunga (CMM) Mine operations	Chile
2008	ICMC corrective action progress monitoring (CMM) and preassessment for La Coipa Mine [Kinross Gold Corporation operations]	Chile
2008	ICMC preassessment, Golden Star Resources, Bogoso/ Prestea and Wassa Operations	Ghana
2007	Kinross Gold Corporation, Lead Auditor for the ICMC certification audit of the Fairbanks Gold Mining Inc. Fort Knox Mine operations	Alaska, USA
2007	AngloGold Ashanti (Colorado) Corp. and Golden Cycle Gold Corporation joint venture, Lead Auditor for the ICMC certification audit of Cripple Creek & Victor Gold Mining Company, Cripple Creek Mine	Colorado, USA
2006	Kinross Gold Corporation, Lead Auditor for the ICMC certification audit of Round Mountain Gold Corporation (a Kinross/Barrick joint venture)	Nevada, USA
2005	Alcoa Inc., Lead Auditor for an environmental compliance audit of an aluminum extrusion and fabrication plant in Alberta. Scope of the audit evaluated plant operations against federal, provincial and municipal legislation.	Alberta, Canada
2003	BC Hydro, Lead Auditor for an ISO 14001 EMS audit of the BC Hydro's Construction Business Unit (CBU). The audit client was BC Hydro Corporate. The scope of the audit included CBU's main office, field operations facilities in Surrey and Kamloops and one capital project. The audit criteria were CBU's environmental management system; there were two members of the audit team.	British Columbia, Canada
2001	Canadian Coast Guard, Lead Auditor for audits of three Canadian Coast Guard (CCG) Bases located in Prince Rupert, Victoria and Sydney, British Columbia, for the BC Department of Fisheries. The audit subject included environmental management systems (EMS), environmental compliance, solid waste, water and energy use and efficiency	British Columbia, Canada





Year	Type of Facility/Type of Audit Led	Country & State/Province
	and the scope was limited to onshore facilities (workshops, ship repair, buoy painting and maintenance, helicopter base, research facilities, marine search and rescue and warehouse support). Audit criteria included federal, provincial and applicable municipal legislation, and the CCG EMS. The team comprised six auditors and the field work was undertaken over a period of 4 weeks.	
2006	Syncrude Canada Ltd., one of a team of four auditors on an environmental health and safety audit of Syncrude's main oil sands Aurora open pit mine site 60km north of Fort MacMurray, Alberta. The scope of the audit included all aspects of mine planning, operations, maintenance and closure, as well as then oil hydrotreaters and slurry pipeline to the refinery. The audit criteria were Syncrude's EMS and environmental health and safety procedures. The audit included compliance to the Mine Permit and federal and provincial legal requirements.	Alberta, Canada
2005	Syncrude Canada Ltd., one of a team of four auditors on an environmental health and safety audit of Syncrude's main oil sands open pit mine site in Fort MacMurray, Alberta. The scope of the audit included all aspects of mine planning, operations, maintenance and closure. The audit criteria were Syncrude's EMS and environmental health and safety procedures. The audit included compliance to Mine Permit and federal and provincial legal requirements.	Alberta, Canada
2005	Syncrude Canada Ltd., one of a team of three auditors on an environmental health and safety audit of Syncrude's Central Maintenance Supply Services Division in Fort MacMurray, Alberta. This group is responsible for equipment maintenance, warehousing and worker supply. The scope of the audit included facility operations and maintenance and contract management. The audit criteria were Syncrude's EMS and environmental health and safety procedures; included verification of compliance with federal and provincial legal requirements.	Alberta, Canada

<u>Cyanide-related Operations, Transportation & Audit Experience – Client Manager and Audit Team Member</u>





Lydia Renton, B.Sc, CIH, ROH, AIHA Fellow-WESA, division of BluMetric Environmental Inc.

Education & Credentials:

- B.Sc. (Chemistry), 1977, University of Ottawa, Ottawa, Ontario
- Certified Industrial Hygienist (CIH) (Comprehensive Practice), American Board of Industrial Hygiene (ABIH) Cert # 3479 (1986)
- Registered Occupational Hygienist (ROH), Canadian Registration Board of Occupational Hygienists (CRBOH) Cert #371 (1991)

Record of Formal Auditor Training:

- (a) OHSMS/OHSAS 18001:2007 Lead Auditor Course Certificate Number 7458020-79152 (RABQSA OH, AU, TL), BSI, 15-18 March 2010
- (b) Advanced EHS Auditor Training (Management Systems), In-house course at Nortel Networks, Brampton, A.D. Little EHS Training Institute, 1-2 March, 1999
- (c) EHS Auditor Management Systems Assessment, In-house course at Nortel Networks (Semiconductors), Ottawa, A.D. Little EHS Training Institute, 13-14 February, 1997
- (d) Corrective + Preventative Actions, Center for Quality, Eastern Michigan University, 7 February 1997
- (e) Overview of ISO9000, QMI (Quality Management Institute), October 1992 (1 day)
- (f) Practical Loss Control Leadership, IAPA (Industrial Accident Prevention Association), February 1992
- (g) Loss Control Management, ILCI International Loss Control Institute, Atlanta, Georgia, September 1990

Year	Type of Operation/Type of Audit	Country & State/Province	
2014	Lead auditor – CSA Z1000 Occupational Health & Safety Management Systems Audit of Fanshawe College and campuses	Ontario, Canada	
2014	Lead auditor – Mining Road and Vehicle Safety Audit at Kumtor Gold Mine	Kyrgyzstan	
2014	Lead auditor – Mining Road and Vehicle Safety Audit at Boroo Gold Mine	Mongolia	
2013/14	Lead Auditor – Occupational Hygiene Management Systems Audit and corporate compliance review for Glencore – Sudbury Integrated Nickel Operations for their two nickel mines, mill and smelter	Ontario, Canada	
2013	Auditor (Gold Mining Technical specialist) – for ICMC recertification audit of Round Mountain Gold Corporation, Nevada (a Kinross/Barrick joint venture)	Nevada, U.S.A.	
2013	Lead auditor – OHS compliance and management systems audit conforming to regulatory and corporate requirements for major health care facility, Heart Institute at leading Ontario hospital.	Ontario, Canada	
2013	Project Principal and QA/QC – OHS and Workplace compliance and management systems audit conforming to federal regulatory and best practices for crown corporation	Ontario, Canada	
2012-2013	Auditor (Transportation specialist) and Client manager— Centerra's Boroo Gold Mine as supply chain consignor to meet ICMI Cyanide Transportation Operations audit protocol	Mongolia	





Year	Type of Operation/Type of Audit	Country & State/Province	
2012	Auditor – Industrial Hygiene Management Systems gap analysis and corporate compliance review for nickel mine and smelter	Ontario, Canada	
2011/2012, 2009 & 2006	Lead auditor (team of 3) - Management Systems audit of college campuses using "Partnerships in H&S Instrument Tool". Scope included extensive document review, interviews and reporting on 8 elements. Presentation of findings to Board of Governors.	Ontario, Canada	
2011	Auditor (Transportation specialist) and Client Manager – Centerra's Kumtor Gold Mine as transporter to meet ICMI Cyanide Transportation Operations audit protocol for BMY to Kumtor mine site		
2011	Lead auditor – EHS compliance audit conforming to regulatory and corporate requirements for structural steel fabrication plant.	Alberta, Canada	
2011	Lead auditor – Gap analysis audit conforming to ICMI Gold Mining Operations audit protocol, Centerra/ Boroo	Mongolia	
2011	Lead auditor – EHS compliance audit for US parent company of facility manufacturing vacuum pump products	Quebec, Canada	
2010	Lead auditor – Gap analysis audit conforming to ICMI Gold Mining Operations audit protocol, Centerra/ Kumtor	Kyrgyzstan	
2010	Lead auditor –EHS compliance audit for US parent company of facility providing laboratory instrumentation and vacuum products.	Ontario, Canada	
2008	Lead auditor - 3rd Party Waste Audit on behalf of client at Xstrata Copper Horne Smelter in Rouyn-Noranda, Quebec. The audit protocol was based on the EPA Plug-In to eCycling "Guidelines for Materials Management", and included all aspects of health & Safety for commodity separation, smelting, packaging and unloading, warehouse, transport & Storage, and personnel, including environmental & emergency response impacts.	Quebec, Canada	
2007 & 2008	Lead auditor - 3rd Party Waste Audit on behalf of client at Xstrata Zinc Brunswick Smelter. Audit protocol based on EPA Plug-In to eCycling "Guidelines for Materials Management", and included all aspects of health & Safety for commodity separation, smelting, packaging and unloading, warehouse, transport & Storage, and personnel, including environmental & emergency response impacts.	New Brunswick, Canada	
2006	Lead auditor - Supply chain management (gap analysis) audit conforming to ICMI Cyanide Transport Code (Sept 2006 criteria) from Urumqui, China to Kumtor Gold Mine, Kyrgyzstan. Audit included all aspects of environment, health & Safety for production warehouse, railway, transport & Storage personnel, including environmental impacts. Lead auditor (team of 3) - Detailed Asbestos Management	China & Kyrgyzstan Ontario, Canada	
2000	Lead addition (team of 5) Detailed Associos Management	Ontario, Cariada	





Year	Type of Operation/Type of Audit	Country & State/Province
	systems audit for six Parliamentary Precinct Buildings, and included extensive document reviews, site visits, site inspections, interviews with broad spectrum of employees, consultants and contractors working within various divisions and levels of House of Commons and PWGSC.	
2006 & 2008	Lead auditor - Supply chain management audit conforming to ICMI Cyanide Transport Code (June 2005 criteria) from AnQuing, Anhui, China to Boroo Gold Mine, Mongolia. Audit included all aspects of environment, health & Safety for production manufacturing, packaging and loading, warehouse, transport & Storage, railway, and transport convoy and personnel, including environmental & emergency response impacts.	China & Mongolia
2005	Lead auditor - Occupational health and safety gap audit analysis of OHS Management Systems at four printing businesses to meet regulatory and internal policy requirements.	Ontario, Canada
2005	Lead auditor (team of 3) - OHS Management Systems Audit of federal crown corporation operations, to determine appropriate OHS management framework, OHS programs consistent with applicable legislation and acts with 'due diligence' with contractors.	Ontario, Canada
2004 & 2000	Co- auditor - Comprehensive Environmental, Occupational Health & Safety Management Systems Audit of highly specialized integrated circuit board manufacturer with manufacturing and analytical chemical laboratory operations following its purchase by US-based firm.	Ontario, Canada
2003	Lead auditor (team of 6) - Detailed OHS Management Systems audit of academic workplace and environment conducted over a 2 ½ month period.	Quebec, Canada
2002,	Audit Team member - Occupational Health & Safety	Alabama, USA;
2001, 2000	Management Systems Audit for hardwood plywood	New Brunswick,
& 1999	manufacturer to provide industrial hygiene expertise for variety of OH&S issues. Member of multidisciplinary EHS audit team for each location audited.	Canada (2 sites); Ontario, Canada
1999 &	Leader auditor (team of 4/2) – EHS management systems audit	North Carolina, USA;
1998	of key high-tech manufacturing sites.	Monterey, Mexico

Cyanide and Mining-Related Operations & Transportation Experience





Years	Relevant Position Title	Types of Operations
15	Industrial Hygiene Consultant – providing expertise in occupational workplace assessment and program strategies; audits (including cyanide, transport, management systems, occupational hygiene, compliance); transportation of dangerous goods; chemical plants	Various mining operations (gold, lead/zinc, nickel, iron) in Canada, U.S.A., and Central Asia); various types of workplaces
10	Nortel – providing expertise in environmental and occupational workplace hazards; risk assessments; transportation of dangerous goods; chemical & gas (toxic/pyrophoric)	High-tech prototypes and semiconductor manufacturing; chemical plant
9	Federal government IH scientist – providing expertise in occupational workplace assessments, including northern mining ops	Including various mining operations (gold, lead/zinc) in Canada





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,	<u>Name</u>	<u>Signature</u>	<u>Date</u>
Lead Auditor*	John Lambert	The officer	October 29, 2014
Auditor	Lydia Renton	Jan Ro	October 28, 2014

* Notarized as indicated



Signed before me at North Vancouver B.C. By John Lambert on 29 October 2014

A Notary Public in and for the Province of British Columbia

LORRAINE E. JOHN

Notary Public #200A 1401 Lonsdale Avenue North Vancouver, B.C. V7M 2H9 Phone: 604-985-4150

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