

**Auditor Credentials Form
International Cyanide Management Code Audit**

Facility Audited: İvrindi Gold Mine, TÜMAD Madencilik Sanayi ve Ticaret A.Ş, Turkey

Audit Date: 7 through 11 November 2022

Lead Auditor Credentials

Lead Auditor: John Lambert, EP(CEA), Lambert Environmental

Certifying Organization:

CECAB (Canadian Environmental Certification Approvals Board)

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Lead Auditor Experience

John Lambert, EP(CEA), Lambert Environmental

Year	Type of Facility/Type of Audit	Country & State/Province
2022	Agnico-Eagle Mines Limited, conducted ICMC certification audits of the Meliadine Mine and the Meliadine Cyanide Transportation Operation in Nunavut, Canada.	Canada
2022	Eldorado Gold Corporation/Tüprag Metal Madencilik Sanayi ve Ticaret AS (Tüprag), Lead Auditor, recertification audit of Kışladağ Gold Mine	Turkey
2022	RSB Logistic Inc., conducted an ICMC certification audit of RSB's cyanide transportation operation, Saskatoon, Canada	Canada
2021	TÜMAD Madencilik Sanayi ve Ticaret A.Ş, conducted an ICMC certification audit of the Lapseki Gold Mine, Turkey.	Turkey
2021	Aurelian Ecuador S.A., conducted an ICMC compliance audit of the Fruta del Norte Mine, Ecuador.	Ecuador
2020	Cyanco International Ltd, Lead Auditor for ICMC recertification audit of Cadillac Transloading Terminal, Quebec.	Canada
2020	Agnico-Eagle Mines Limited, conducted a pre ICMC certification audit of the Meliadine Mine in Nunavut, Canada.	Canada

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2020	Saratovgintez LLC, Lead Auditor, ICMC recertification audit of cyanide production facility located in Saratov, Russia.	Russia
2020	Kinross Gold Corporation/KG Mining (Bald Mountain) Inc., conducted an ICMC pre-audit of the Bald Mountain Mine, Nevada	USA
2019	Kinross Gold Corporation, Technical Auditor for the ICMC recertification audit of Tasiast Mine in Mauritania.	Mauritania
2019	Hudbay Minerals Inc., Manitoba Business Unit, conducted an ICMC gap analysis of the New Britannia Mine, Snow Lake, Manitoba	Canada
2019	Kinross Gold Corporation, Technical Auditor for the ICMC recertification audit of Round Mountain Gold Corporation, Round Mountain Mine, Nevada.	USA
2019	Eldorado Gold Corporation/Tüprag Metal Madencilik Sanayi ve Ticaret AS (Tüprag), Technical Auditor, recertification audit of Kışladağ Gold Mine	Turkey
2019	Aurelian Ecuador SA (Aurelian), conducted an ICMC pre-production audit of the Fruta del Norte (FDN) Gold Project located in Ecuador.	Ecuador
2018	Agnico-Eagle Mines Limited, Technical auditor for ICMC pre-assessment audit of La Ronde Gold Mine, Quebec.	Canada
2018	SOGECO (Société générale de consignation et d'entreprises maritimes), Technical and lead auditor for ICMC recertification audit of the SOGECO cyanide transportation between the Port of Nouakchott and the Tasiast Gold Mine, Mauritania.	Mauritania
2018	Golden Queen Mining Company LLC., Technical Auditor, ICMC certification audit, Soledad Mountain Mine, Kern County, California, USA.	USA
2018	Agnico-Eagle Mines Limited, Technical auditor for the ICMC recertification audit of the Agnico-Eagle Meadowbank Supply Chain between Port of Bécancour, Quebec and the Meadowbank Mine in Nunavut, Canada.	Canada
2018	Agnico-Eagle Mines Limited, Technical auditor for the ICMC recertification audit of the Meadowbank Gold Mine in Nunavut, Canada.	Canada
2017	Kinross Gold Corporation, Lead Auditor for the ICMC recertification audit of KG Mining (Bald Mountain) Inc., Bald Mountain Mine, Nevada.	USA

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2017	Minera Santa Cruz S.A., Lead/Technical Auditor, ICMC pre-audit of San Jose Mine, Argentina.	Argentina
2017	Lučební závody Draslovka a.s. Kolín, Lead Auditor, ICMC recertification audit of cyanide production facility, Czech Republic.	Czech Republic
2016	Kinross Gold Corporation, Lead Auditor for the ICMC recertification audit of Round Mountain Gold Corporation, Round Mountain Mine, Nevada.	USA
2016	Saratovgintez LLC, Lead Auditor, ICMC certification audit of cyanide production facility located in Saratov, Russia.	Russia
2016	Kinross Gold Corporation, Technical Auditor for the ICMC certification audit of Tasiast Mine in Mauritania.	Mauritania
2016	Kinross Gold Corporation, Lead and Technical Auditor for ICMC readiness review audit of Bald Mountain Gold Mine.	USA
2016	Kinross Gold Corporation, Round Mountain Gold Corporation, auditor trainer for ICMC pre-assessment audit of the Round Mountain Mine.	USA
2016	Kinross Gold, Chukotka Mining and Geological Company (CMGC) Transportation Group, Lead auditor and Technical auditor for ICMC recertification audit, of the Pevek to Kupol Cyanide Transportation Route.	Chukotka A.O., Russian Federation
2016	Cyanco International Ltd, Lead Auditor for ICMC recertification audit of Cadillac Transloading Terminal, Quebec.	Canada
2016	Kinross Gold Corporation, Technical Auditor for ICMC recertification audit of the Chirano Gold Mine.	Ghana
2016	Anqing Shuguang Supply, Sales and Transportation Co., Ltd (ASSST), Lead and Technical Auditor for ICMC recertification audit of ASSST's China transport operation.	China
2016	Saratovgintez LLC, ICMC pre-assessment audit of cyanide production facility located in Saratov, Russia.	Russia
2016	Kinross Gold Corporation, ICMC pre-assessment audit of the Chirano Mine in Ghana.	Ghana
2015	Centerra Gold Inc, Lead Auditor for ICMC re-certification audit of Kumtor Gold Mine.	Kyrgyzstan
2015	Centerra Gold Inc, Lead Auditor for ICMC re-certification audit of Kumtor transportation supply chain between Biskek and the mine.	Kyrgyzstan

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Year	Type of Facility/Type of Audit	Country & State/Province
2015	SOGECO (Société générale de consignation et d'entreprises maritimes), Technical and lead auditor for ICMC certification audit of the SOGECO cyanide transportation between the Port of Nouakchott and the Tasiast Gold Mine, Mauritania.	Mauritania
2014	Kinross Gold Corporation, ICMC readiness review of the Tasiast Mine in Mauritania.	Mauritania
2015	Golden Star Resources, Ghana. Technical Auditor for the ICMC interim audit of the Wassa gold mining operations.	Ghana
2014	Agnico-Eagle Mines Limited, Technical auditor for the ICMC certification audit of the Meadowbank Gold Mine in Nunavut, Canada.	Canada
2014	Agnico-Eagle Mines Limited, Technical auditor for the ICMC certification audit of the Meadowbank Cyanide Transport Supply Chain between the Port of Bécancour, Quebec and the Meadowbank Gold Mine in Nunavuk, Canada.	Canada
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.	Russia
2014	Kinross Gold Corporation, ICMC pre-assessment audit of the Tasiast Mine in Mauritania.	Mauritania
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, approximately 740 km in length.	China and Mongolia
2012	Agnico-Eagle Mines Limited. Lead auditor for a preliminary Cyanide Code review of the Pinos Altos Gold Mine.	Mexico

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Year	Type of Facility/Type of Audit	Country & State/Province
2012	Golden Star Resources, Ghana. Lead Auditor for the ICMC recertification audit of the Bogoso/Prestea gold mining operations.	Ghana
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 wastewater management, solid waste management, dangerous goods and hazardous waste storage and transportation, and mine reclamation.	Canada
2012	Kinross Gold Corporation, Kettle River Operations, Lead Auditor for a Cyanide Code recertification Audit of the Kettle River Operations, Washington.	USA
2012	Minera Mexicana La Cienega S.A. de C.V. Lead auditor for a precertification audit of the La Cienega Mine operation in 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 located in Baja California, Mexico.	Mexico
2012	Kinross Gold Corporation, Compañía Minera Maricunga, Chile Lead Auditor for the Cyanide Code recertification Audit of the Compañía Minera Maricunga, Maricunga Mine.	Chile
2011	Centerra Gold Inc., Lead Auditor ICMC Certification Audit of the Kumtor Operation Company, Kumtor Mine.	Kyrgyzstan
2011	Centerra Gold Inc., Lead Auditor ICMC Certification for the Kumtor Transportation Operation, Kyrgyz Republic.	Kyrgyzstan
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.	Colorado, USA
2009	Kinross Gold Corporation, Lead Auditor for the ICMC certification audit of the Kupol Mine.	Chukotka A.O., Russian Federation

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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 in Washington.	USA
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 in 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 in Colorado.	USA
2006	Kinross Gold Corporation, Lead Auditor for the ICMC certification audit of Round Mountain Gold Corporation (a Kinross/Barrick joint venture) mining operation in Nevada.	USA
Other Audit Experience		
2005	Alcoa Inc., Lead Auditor for an environmental compliance audit of an aluminium extrusion and fabrication plant in Alberta. Scope of the audit evaluated plant operations against federal, provincial and municipal legislation.	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.	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	Canada

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Year	Type of Facility/Type of Audit	Country & State/Province
	Department of Fisheries. The audit subject included environmental management systems (EMS), environmental compliance, solid waste, water and energy use and efficiency 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 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.	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.	Canada

Technical Auditor Experience

Ata Akcil, PhD-PEng. (Regst. No: 5393) - Technical Expert Auditor for Gold Mine Verification Audits

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2022	Eldorado Gold Corporation/Tüprag Metal Madencilik Sanayi ve Ticaret AS (Tüprag), Technical Auditor, recertification audit of Kışladağ Gold Mine	Turkey
2022	Technical Auditor/Senior Expert, due-diligence review of cyanide interim storage and ISO tank packing plant, MMS Baran Logistic Co.	Turkey
2021	Technical auditor of ICMC audit gap analysis of SSR (Anagold) Mining Corporation.	Turkey

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2021	Technical auditor for ICMC audit gap analysis of KOZA Gold Corp, Ovacik Gold Mine.	Turkey
2021	Technical Auditor, TUMAD Ivrindi Gold Mine, Balikesir (ICMC Gap Audit).	Turkey
2021	Technical Auditor, Cypet Logistic Co., NaCN Interim Storage and ISO Tank Re-Packing Plant, Osmaniye (Due Diligence Review).	Turkey
2021	Technical Auditor, Anagold Mining Inc., the cyanide transportation route between Mersin-Iskenderun-Iliç Mine Site (Supply Route), Mersin (Due Diligence Review-Transportation/RID review).	Turkey
2020	Technical Auditor/Senior Expert, ISEE Co., Izmir (Due Diligence Review and Training of ICMC-Production).	Turkey
2019	Technical Auditor, TUMAD Lapseki Gold Mine, Canakkale (ICMC Gap Audit).	Turkey
2019	Technical Auditor/Senior Expert, NaCN Interim Storage and ISO Tank Re-Packing Plant, UNICO Global, Mersin. (ICMC compliance review).	Turkey
2019	Technical Auditor/Senior Expert, Muratdere Copper-Molibden Mine, Muratdere Mining Corp., Bilecik (Audit for Tailing Storage Facility-Flotation and its compliance with EIA report).	Turkey
2019	Technical Auditor/Senior Expert, Ovacik Gold Mine, Koza Gold Corp., Izmir. (Audit for Tailing Storage Facility and its compliance with EIA report).	Turkey
2018	Technical Auditor/Senior Expert, NaCN Interim Storage and ISO Tank Re-Packing Plant, UNICO Global, Mersin. (Due Diligence Review).	Turkey
2016-2021	Project Manager and Reporter, Scientific and Technical Consultant – providing expertise in cyanide production by Andrusow and Petrochemical processes (SDU, C&BR Labs, Isparta).	Turkey
2016	Technical Auditor, Eldorado Gold Corporation, the ICMC Recertification audit of the Kışladağ Gold Mine, Uşak. (ICMI Cyanide Code Recertification Audit).	Turkey

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Year	Type of Facility/Type of Audit	Country & State/Province
2013-2014	Audit Team Member and Reporter, Scientific and Technical Consultant – providing expertise in env., occupational workplace assessment and program strategies; audits including hazardous, toxic chemicals and cyanide usage (SDU, C&BR Labs, Isparta).	Turkey
2013	Technical Auditor, Eldorado Gold Corporation, the ICMC Certification audit of the Kışladağ Gold Mine, Uşak. (ICMI Cyanide Code Certification Audit).	Turkey
2012	Technical Auditor/Technical Expert, presenting training on cyanide management and ICMC for Alamos (Kuzey Biga), Ankara and Eldorado (Tüprag), Uşak.	Turkey
2012	Project Manager for cyanidation (carbon in leach/carbon in pulp) research & development tests for gold recovery, for Eldorado Gold's Efemçukuru Mine, Uşak.	Turkey
2012	Technical Expert, Designed and presented official 16 day course on Environmental Impact Assessment, hydrometallurgy and mining environmental issues (including cyanide use), for KazNTU, Almaty.	Kazakhstan
2011-2013	Lead Consultant/Project Manager/Lead Author for national /thesis research project involving cyanide usage in recycling products. (recovery process-leaching), for SD University, Isparta.	Turkey
2007 and 2012	Lead Consultant/Project Manager/Lead Author for industrial spent catalyst and battery recovery national-international/thesis research projects involving acidic leaching, for SD University, Isparta and L'Aquila University, L'Aquila.	Turkey and Italy
2004-2013	Senior Researcher and Lecturer responsible for design and presentation of official 14 weeks' course on Environmental Impact Assessment, Chemical-Biological treatment, Cyanide Management, Mining and Environment, Advance Analysis Techniques and Laboratory Application, Recycling Technology and Metal Recovery, Evaluation of Industrial Waste, for SD University, Isparta.	Turkey
2003-2005	Project Manager, Led research team on program to monitor the heterogeneous catalytic degradation of cyanide and for monthly monitoring of the biodegradation of cyanide waste, for SD University, Isparta.	Turkey
2003-2004	Project Manager, Led research team on program to monitor the destruction of cyanide by hydrogen	Turkey

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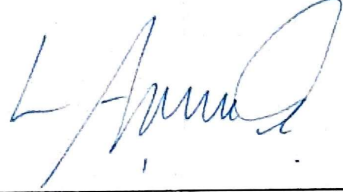
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	peroxide in tailings slurries, for Ovacik Gold Mine (Newmont and Normandy), Izmir.	
2002-2003	Lead Consultant/Project Manager/Lead Author for monthly monitoring assessments/audits of the cyanidation process and monitoring of cyanide and heavy metals in tailings, for Ovacik Gold Mine (Newmont and Normandy), Izmir.	Turkey
2001-2004	Lead Consultant/Project Manager for R&D, Education and Consultancy/Monitoring/Auditing on: usage, handling and destruction of cyanide through reactor leaching process; INCO detoxification process; and further breakdown in tailings storage facility, review of Cyanide Management Plan and Environmental Impact Assessment for Ovacik Gold Mine (Newmont and Normandy), Izmir.	Turkey
2001-2003	Lead Consultant/Project Manager/Lead Author for monthly monitoring assessments/audits of health and safety aspects related to cyanide management and audits of the cyanidation process and monitoring of cyanide and heavy metals in tailings for Ovacik Gold Mine (Newmont and Normandy), Izmir.	Turkey
2001	Lead Consultant/Project Manager/Lead Author for three monthly monitoring studies/audits of Case study-I: Chemical decomposition and Case study-II: Heavy metal stabilization, for Ovacik Gold Mine (Newmont and Normandy), Izmir.	Turkey
1994-2001	Junior and Senior Researcher/Project Manager/Co and Lead Author for national /thesis research project involving gold recovery, hydrometallurgy, cyanide usage in mining, for Dokuz Eylul, Izmir and SD Universities, Isparta.	Turkey

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

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Lead Auditor*	John Lambert		10 May 2023
Technical Auditor	Dr. Ata Akcil		10 May 2023

* Notarized as indicated.

Signed before me at North Vancouver B.C.
By John Lambert on 10 May 2023



A Notary Public in and for the
Province of British Columbia

DIANNA-LYNN LUND
NOTARY PUBLIC
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