

**APPENDIX A**

**EAP Curriculum Vitae**



### Education

*B.Sc. Earth Science,  
University of Johannesburg,  
Johannesburg, South  
Africa, 1998*

*B.Sc. (Hons) Geography  
and Environmental  
Management, University of  
Johannesburg,  
Johannesburg, South  
Africa, 1999*

### Languages

*English – Fluent*

*Afrikaans – Fluent*

## Golder Associates Africa (Pty.) Ltd. – Johannesburg

### Employment History

#### *Golder Associates Africa – Johannesburg, South Africa*

*Senior Environmental Scientist (2011 to Present)*

International Cyanide Management Code Auditing  
Due Diligence Auditing  
Compliance / Risk Auditing  
Environmental Management Programme Report Performance Assessments  
Environmental Management Programme Report Consolidations and Amendments  
Project and Finance Management  
Integrated Environmental Authorisation Projects  
Compliance Projects  
Consultation with Interested and Affected Parties and Government Departments

#### *AngloGold Ashanti – Orkney, South Africa*

*Senior Environmental Coordinator (2006 to 2011)*

Implementation and maintenance of an Environmental Management System in accordance with ISO 14001:2004  
Consultation with Interested and Affected Parties and Government Departments  
Reporting on leading and lagging environmental indicators  
Internal Auditing  
Environmental Assistance to Metallurgical plants, Laboratories and Tailings departments  
Project Management  
Budget Management  
Coordination and execution of monitoring of key environmental indicators

#### *Oryx Environmental cc – Johannesburg, South Africa*

*Environmental Consultant (2002 to 2006)*

ISO 14001 - Environmental Management System Implementation and Maintenance  
Environmental Impact Assessments  
Environmental Auditing  
Report Writing  
Project Management

#### *Gold Fields Ltd - Driefontein Gold Mine – Carletonville, South Africa*

*Environmental Coordinator (2000 to 2002)*

Implemented an Environmental Management System in accordance with the ISO 14001:1996 standard  
Internal Auditing  
General Environmental Management Duties

**PROJECT EXPERIENCE – ENVIRONMENTAL ASSESSMENT**

<b>Exxaro Grootegeluk Coal Mine</b> Limpopo, South Africa	Environmental Authorisation Application for the proposed open cast mining pits at the Exxaro Grootegeluk Coal Mine near Lephalale, Limpopo Province.
<b>South 32 Middelburg Colliery</b> Mpumalanga, South Africa	Environmental Authorisation Application for the continuation of activities which commenced unlawfully in terms of Environmental Legislation.
<b>ACWA Power Bokpoort II Solar Development</b> Northern Cape, South Africa	Environmental Authorisation for a proposed Solar Development near Groblershoop, Northern Cape.
<b>Palabora Copper</b> Limpopo, South Africa	Environmental Authorisation for the proposed Magnetite Expansion and Additional Infrastructure Project.
<b>Scaw South Africa (Pty) Ltd</b> Gauteng, South Africa	Various projects to ensure environmental compliance at a number of Scaw South Africa sites.
<b>Exxaro Resources - Grootegeluk Coal Mine</b> Limpopo, South Africa	Compilation of a Consolidated Environmental Management Programme Report for Grootegeluk Coal Mine.
<b>Exxaro Resources - Grootegeluk Coal Mine</b> Limpopo, South Africa	Compilation of a Basic Assessment Report for the proposed New Gate at the Grootegeluk Mine.
<b>Exxaro Resources</b> Limpopo, South Africa	Compilation of an Environmental Management Plan (EMP) Addendum for the proposed New Gate and Cyclic Ponds at the Grootegeluk Mine.
<b>Palabora Mining Company</b> Limpopo, South Africa	Compilation of an Environmental Management Plan (EMP) Addendum for the proposed Iron Beneficiation Plant for Palabora Mining Company.
<b>Palabora Mining Company</b> Limpopo, South Africa	Compilation of an Environmental Management Programme Report Addendum for the South Paddock for Palabora Mining Company.
<b>Palabora Mining Company</b> Limpopo, South Africa	Compilation of a Consolidated Environmental Management Programme (EMP) for Palabora Mining Company.

**PROJECT EXPERIENCE – EHS AUDITING**

<b>Karpower International DMCC (Karpowership)</b> Nacala Bay, Mozambique	Private Environmental Compliance Audit of the Powership offshore in the Nacala Bay, Mozambique.
<b>Oiltanking GmbH</b> Kuriman, Indonesia	Evaluation of an Environmental and Social Action Plan to determine compliance to IFC Performance Standards and Worldbank EHS Guidelines.
<b>Samancor Chrome</b> Various, South Africa	Independent Environmental Audit of the Samancor Chrome Operations.
<b>AngloGold Ashanti Yatela Gold Plant</b> Kayes Region, Mali	International Cyanide Management Institute Cyanide Code Re-certification Audit.
<b>GammaTec NDT Supplies (Proprietary) Limited</b> Gauteng, South Africa	Phase I Environmental Site Assessment.
<b>Goldfields South Deep Gold Plant</b> Gauteng, South Africa	International Cyanide Management Institute Cyanide Code Re-certification Audit.
<b>Goldfields Damang and Tarkwa Gold Mines</b> Tarkwa, Ghana	International Cyanide Management Institute Cyanide Code Re-certification Audit.
<b>AngloGold Ashanti Siguirí Gold Plant</b> Guinea	International Cyanide Management Institute Cyanide Code Re-certification Audit.
<b>AngloGold Ashanti Noligwa Gold Plant</b> Free State, South Africa	International Cyanide Management Institute Cyanide Code Re-certification Audit.
<b>Barrick Buzwagi, North Mara and Bulyanhulu Gold Mines</b> Tanzania	International Cyanide Management Institute Cyanide Code Re-certification Audit.
<b>Nedbank Capital</b> South Africa	Environmental Assessment in terms of Equator Principles and IFC Standards as part of a comprehensive technical due diligence for the greenfields mining project in Mpumalanga.
<b>Lonmin Marikana Operations</b> North West, South Africa	Annual Performance Assessment of the Lonmin Marikana Operations' Environmental Management Programme Report.
<b>Lonmin Marikana Concentrator</b> North West, South Africa	Audit in terms of evaluation of compliance for the "Other Requirements" as identified in the Environmental Management System.
<b>Anglo American Platinum</b> South Africa	Independent group tailings environmental risk audit of the Anglo American Platinum Tailings Storage Facilities.

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**TRAINING**

*Environmental Management Systems Understanding the Transition to SANS 14001:2015*

SABS Training Centre, 2017

*ISO 14001:2015 Environmental Management Systems Auditing Based on ISO 19011 and ISO 17021 (SAATCA Approved)*

SABS Training Centre, 2017

*Project Management Fundamentals*

Golder Associates (Internal Training), August 2012

*Microsoft Project 2007 Essentials*

Bytes Technology Group, 30 November 2011

*IEMA Approved Foundation Course in Environmental Auditing (South Africa)*

Aspects International, February 2012

*Management Review*

DQS SA (Pty) Ltd, 2009

*Causal Analysis Technique*

IRCA Global, 2009

*Technical Report Writing*

In-house Training for AngloGold Ashanti, 2007

*Occupational Health and Safety Law for Managers*

North West University, 2003

*Project Management*

University of Johannesburg, 2003

*Internal Environmental Management Auditor Training Course*

WSP Walmsley, 2001

*Environmental Law*

North West University, 2001

*Environmental Management Systems (SABS/ISO 14001)*

North West University, 2000

**PROFESSIONAL AFFILIATIONS**

Registered Environmental Assessment Practitioner: Number 2020/1430

Affiliate Member and Environmental Auditor - Institute of Environmental Management and Assessment (IEMA)

Lead and Mining Technical Expert Auditor - Cyanide Management Institute (ICMI)