

CURRICULUM VITAE



ED PERRY

OPERATIONS MANAGER

Environmental Management Planning & Approvals,
South Africa

QUALIFICATIONS

Postgrad Cert.	2016	Postgraduate Certificate in Occupational Health and Safety, University of Cape Town
Postgrad Cert.	2012	Postgraduate Certificate in Environmental Law, Centre for Environmental Management, Potchefstroom
Postgrad Cert.	2008	Postgraduate Certificate in Environmental Assessment, Oxford Brookes University
MSc	1994	MSc Applied Hydrobiology, Cardiff University
BSc (Hons)	1990	BSc (Hons) Environmental Science, Plymouth University

EXPERTISE

- Environmental and Social Impact Assessments
- EHSS Auditing
- Environmental Compliance
- Management Systems
- Due Diligence

Ed Perry joined SLR as the Operations Manager for the Environmental Management Planning and Approvals (EMPA) team in Africa in August 2019. He has worked in environmental consultancy for over twenty years for a wide range of public and private sector clients.

Ed is a registered Environmental Auditor with the Institute for Environmental Management and Assessment and a Lead Auditor with the International Cyanide Management Institute. Prior to moving to South Africa in 2011 Ed worked in the UK on a wide range of projects including EIAs and Integrated Pollution and Prevention Permits. This included permitting the first hazardous waste landfill in the UK under the new integrated permitting mechanism and undertaking a study for the European Commission on the implementation of the Landfill Directive in 15 European countries.

Since moving to South Africa, Ed has been involved with ESIA's and environmental authorisations throughout Africa. Ed has been Project Director / Partner in Charge of EIAs for a wide range of facilities including: Renewable Energy Facilities; Metal Extractive Industries; Large Water Storage Schemes; and New Mine and Extensions to Mines.

Ed has also undertaken a wide range of environmental audits including; due diligence audits, EMPR audits, and over 20 international cyanide code audits of mines throughout Africa.

PROJECTS

A sample of Ed's project experience, summarised by sector, is provided below.

Mining

Anglo-American – Polokwane Smelter, Polokwane

Ed was the Project Manager responsible for undertaking an external compliance audit for the Anglo-American Polokwane Smelter as stipulated in the slag stockpile permit for the Polokwane Metallurgical Complex. This included a review of the permit for the temporary stockpile of ash as part of the expansion of the Complex.

<p>Eurasian Natural Resources Corporation – Kakanda Mine, DRC</p>	<p>Ed was the Project Manager for the review of a Safety, Health, Environment and Community Management System for Kakanda Mine in the DRC.</p>
<p>Continental Coal Limited – Penumbra, South Africa</p>	<p>Ed was the Lead Auditor undertaking review of EIA, EMP and site procedures against the requirements of the IFC Procedures.</p>
<p>Ruighoek Mine, South Africa</p>	<p>Ed was the Project Manager for an ESIA associated with the expansion of this chromium mine in South Africa.</p>
<p>AngloGold Ashanti – Yatela, Sadiola, Siguri Gold Mines, Mali and Guinea</p>	<p>Ed was the Lead Auditor and Project Manager undertaking a re-certification audit against the requirements of the International Cyanide Code for three gold mines.</p>
<p>Freda Rebecca Gold Mine - Zimbabwe</p>	<p>Ed was the Lead Auditor and Project Manager for a gap audit to ascertain the status of the gold mine with regards to its ability to comply with the International Cyanide Code</p>
<p>Gold Fields Ghana – Tarkwa and Damang Gold Mines</p>	<p>Ed was the Lead Auditor and Project Manager undertaking a re-certification audit against the requirements of the International Cyanide Code for the two gold mines.</p>
<p>Goldfields, Harmony, AngloGold Ashanti – South Africa</p>	<p>Ed was the Lead Auditor and Project Manager undertaking a re-certification audit against the requirements of the International Cyanide Code for 5 gold mines for AngloGold Ashanti, 4 gold mines for Harmony, and a gold mine for Gold Fields.</p>
<p>Maamba Collieries Limited – Maamba Coal Mine, Zambia</p>	<p>Ed was the lead auditor leading the creation and implementation of an integrated management system in accordance with the requirements of the IFC performance standards, ISO 14001, ISO 9001, and OHSAS 18001.</p>
<p>Eramet - Senegal</p>	<p>Lead Auditor for a due diligence audit of a mineral sands mining operation. The operation was the subject of a possible joint venture. The environmental audit, which included 3 days on site, was to establish if what environmental risks were involved with the project, which was just about to enter the construction phase.</p>
<p>Nyoto Minerals – Tula Kapi Mine, Ethiopia</p>	<p>Ed was the technical reviewer for the ESIA undertaken on behalf of Nyoto Minerals for the Tula Kapi Gold Mine in Ethiopia.</p>
<p>Riversdale Capital – Zambeze Coal Mine, Zambia</p>	<p>Ed was the Technical Reviewer for an ESHIA for the development of the Zambeze Coal Mine on behalf of Riversdale Capital.</p>
<p>Confidential – proposed mine, South Africa</p>	<p>Ed was the Project Manager for an ESIA for a new proposed iron ore mine in South Africa. This application was withdrawn following baseline studies by specialist showing the existence of fatal flaws with regards to water use and location of the TSF.</p>
<p>Industry</p>	
<p>Distell – South Africa</p>	<p>Ed was Project Manager for a number of projects for Distell in order to obtain various environmental authorisations for their brewing facilities including the one for the siting of a new waste water treatment works.</p>

SPAR – South Africa	Ed was Project Manager for a number of energy projects undertaken for SPAR in South Africa including looking at Science Based Targets, Internal Carbon Pricing, and an ISO 50001 Energy Management System.
SCAW – South Africa.	Ed was the Project Manager for a range of Environmental Authorisations, including ESIA's, Air Emissions Licences, Water Use Licences and contaminated land assessments. These studies were undertaken for SCAW at a number of their smelter sites in Gauteng over a 5 year period.
Confidential – South Africa	Ed lead an EHS audit of a cable tie manufacturer using plastic extrusion as part of a due diligence project.
Pfizer – South Africa	Ed was the Project Manager and Lead Auditor for an EHS audit of the head offices of Pfizer in South Africa.
Sasol - Sasolburg	Ed was the Project Manager and Lead Auditor for International Cyanide Code recertification audit for the Sasol cyanide production facility at Sasolburg.
Sohar Aluminium - Oman	Ed was the Lead Auditor of Sohar Aluminium's environmental management system auditing the system against the requirements of ISO 14001 and benchmarking this facility against international requirements.
Confidential – KZN, South Africa	Lead Auditor for a due diligence audit of a white goods manufacturing company in Kwa-Zulu Natal.
Sasol – Secunda	Ed was the Lead Auditor for a third party audit of waste contractors operating on behalf of Sasol. The audit investigated compliance with South African environmental legislation and environmental best practice.
Confidential – South Africa, Kenya, UAE	Ed was the project manager for a due diligence audit of a packaging company's facilities in South Africa, Kenya and UAE.
	Infrastructure
Lesotho Highlands Development Agency - Lesotho	Ed took over as Project Manager undertaking an ESIA for the Polihali Reservoir and Western Access Road in Lesotho on behalf of the Lesotho Highlands Development Agency.
Freight Forwarders Group – Kenya and Tanzania	Ed was the Lead Auditor undertaking a re-certification audit against the requirements of the International Cyanide Code for the Freight Forwarders transportation group of companies.
Transnet Pipelines – South Africa	Ed was the Project Manager responsible for the creation and implementation of an Energy Management System for all of the pumps stations, workshops and offices for Transnet Pipelines, who pump crude oil and petroleum products from Durban to Johannesburg.
Vehrad Transportation - Ghana	Ed was the Project Manager and Lead Auditor undertaking a re-certification audit of Vehrad Transportation against the requirements of the International Cyanide Code.

	Oil and Gas
Shell – South Africa	Ed was the Project Manager for various environmental authorisations in South Africa associated with the Shell GUESS program. This program related to the closure and clean up of Shell service stations.
Vopak – Richards Bay, South Africa	Ed was the Project Manager for an ESIA for a new terminal operated by Vopak at Richards Bay for the handling and storage of Liquid Petroleum Gas and Clean Petroleum Products.
Vopak – Durban, South Africa	Ed was the Project Manager for an ESIA for the expansion of the Vopak terminal at Durban Docks for the handling and storage of Liquid Petroleum Gas and Clean Petroleum Products.
Bidvest – Durban South Africa	Ed was the Project Manager for an ESIA for the expansion of the Bidvest terminal at Durban Docks for the handling and storage of Liquid Petroleum Gas and Clean Petroleum Products.
	Power
Department for International Development – UK Government	The UK Department for International Development is providing support to medium sized renewable energy facilities (mainly hydroelectric power plants) in Uganda through the Global Energy Transfer Feed in Tariff programme (GET FiT). The project was to assess how local communities in the vicinity of these facilities could obtain power and how environmental and social safeguards for these types of facilities could be improved in the future. Ed was the lead environmental and social advisor undertaking a review of the environmental and social safeguards.
Confidential - Angola	Ed was Project Manager for a project undertaking a Strategic Environmental Assessment of locations for renewable energy facilities in Angola.
Confidential - Mozambique	Ed was the Project Manager for an ESIA to be submitted to the Mozambican authorities for the development of a unique renewable energy pilot facility.
MEMBERSHIPS	
IEMA	Practitioner for the Institute of Environmental Management and Assessment
IEMA	Registered Environmental Auditor
PUBLICATIONS	
	<ul style="list-style-type: none"> • The Role of Socio-Economic Factors, Seasonality and Geographic Differences on Household Waste Generation and Composition in the City of Tshwane. 2016 (Wastcon). • EMS as a Tool for Integrated Business Risk Management. 2005 (various journals). • Golder Associates EMS Roadmap. 2004 (CD ROM).

	<ul style="list-style-type: none">• Incentives to Encourage Recycling. 2002. Materials Recycling Week
	<ul style="list-style-type: none">• Recycle of Life. 2002. Government Business
	<ul style="list-style-type: none">• New Approaches to Management of Waste. 2002 (various journals)
	<ul style="list-style-type: none">• Minimise the Waste – Maximise the Message. 2001
	<ul style="list-style-type: none">• Guide to Waste Reduction on Construction Sites. 1999. Construction Confederation

CURRICULUM VITAE



NATASHA SMYTH

ENVIRONMENTAL ASSESSMENT PRACTITIONER

EMPA, South Africa

QUALIFICATIONS

BSc Hons 2008

BSc 2007

Environmental Sciences and Development

Environmental and Biological Sciences

EXPERTISE

- Management and facilitation of permitting and licensing processes
- Management of stakeholder engagement processes
- Overall Project Management

Natasha is an environmental practitioner with SLR's South Africa office and is responsible for various environmental assessment projects. Natasha has ten years of experience within the Minerals sector, both as a project manager and assistant to various projects in South Africa and Africa.

Natasha has managed and assisted in a wide range of Environmental Impact Assessment projects for major and small scale minerals developments throughout South Africa as well as in Namibia for many of the major operators within the minerals industry.

Since 2009 Natasha has been involved in over 40 projects of which she has project managed 8 major and numerous small scale Environmental Impact Assessments for minerals extraction operations

PROJECTS

Key aspects of Natasha's recent project experience are summarised below.

Environmental Assessment Process for the proposed alternative closure and rehabilitation strategy for the Tshipi Borwa Mine (Northern Cape Province) 2018 to 2019 - Manganese

Project Manager. Compilation of Basic Assessment Report and environmental management programme reports. The management of the stakeholder engagement process, multi-disciplinary specialist team both within South Africa and the UK. Assistant with the compilation of the Financial Provision Specialist Report.

Environmental Assessment Process for the merging of the Mamatwan Mine Sinterfontein Waste Rock dump and the Tshipi Eastern Waste Rock dump for the South32 Mamatwan mine (Northern Cape Province) 2019 - Manganese

Project Manager. Compilation of Basic Assessment Report and environmental management programme reports and the Water Use Licence Application. The management of the stakeholder engagement process specialist team including the compilation of the Financial Provision Specialist Report.

<p>Minimum Air Quality Emissions Standard Postponement Application for Anglo American Platinum’s Polokwane (Limpopo Province), Waterval (North West Province) and Mortimer Smelter (Limpopo Province) operations (2018 to 2019) - Platinum</p>	<p>Project Manager. Management of Stakeholder Engagement Process as part of an Air Quality Minimum Emissions Standards Postponement Application Process for the Waterval, Polokwane and Mortimer Smelter Complexes.</p>
<p>Minimum Air Quality Emissions Standard Postponement Application for the Zondereinde Northam Platinum Mine in the Limpopo Province in the Limpopo Province (2018 to 2019) - Platinum</p>	<p>Project Manager. Management of Stakeholder Engagement Process as part of an Air Quality Minimum Emissions Standards Postponement Application Process for the Zondereinde Smelter Complex.</p>
<p>Integrated Water Use Licence Application for the Lehating mine in the Northern Cape Province (2018 - 2019) - Manganese</p>	<p>Project Manager. Compilation of the Integrated Water and Waste Management Plan, Water Use Licence Application forms and the management of specialists in support of the Lehating Integrated Water Use Licence Application.</p>
<p>Integrated Water Use Licence Application for the new Khwara manganese mine in the Northern Cape Province (2018 - 2019) - Manganese</p>	<p>Project Manager. Compilation of the Integrated Water and Waste Management Plan, Water Use Licence Application forms, the management of specialists and authority liaison in support of the Khwara Integrated Water Use Licence Application.</p>
<p>Monthly environmental support for the Tshipi Borwa Mine (2018 – 2019) - Manganese</p>	<p>Project Manager. Off-site environmental support work.</p>
<p>Financial Provision for Infrastructure Changes at the Zondereinde Northam Platinum Mine in the Limpopo Province (2018) - Platinum</p>	<p>Project Manager. Compilation of the financial provision report for infrastructure changes at the Zondereinde Smelter Complex as part of a basic assessment process for changes to infrastructure at the smelter.</p>
<p>EMP commitments consolidation of the Tshipi and Mamatwan Mine for the mining of the barrier pillar in the Northern Cape Province (2018) - Manganese</p>	<p>Project Manager. Compilation of a barrier pillar mining commitments report to outline the collective environmental management programme, integrated water use licence and environmental authorisation commitments for both Tshipi and South32 specifically for the mining of the barrier pillar.</p>
<p>ESIA for the retreatment of copper tailings dams in the town of Kitwe in Zambia (2017 - 2018) - Copper</p>	<p>Project Manager. Compilation of scoping report and terms of reference. Compilation of the environmental and social impact assessment report to meet IFC requirements. Management of multi-disciplinary specialist studies. Co-ordination of specialist teams within Zambia and South Africa. Management of stakeholder engagement process.</p>
<p>Environmental compliance audit for the Sishen Dingelton resettlement site in the Northern Cape Province (2017)</p>	<p>Project Manager. Assess compliance with the conditions outlined in the environmental authorisation and the approved environmental management programme.</p>

<p>Environmental compliance audit for the Sishen Dingleton decommissioning site in the Northern Cape Province (2017)</p>	<p>Project Manager. Assess compliance with the conditions outlined in the environmental authorisation and the approved environmental management programme.</p>
<p>Atmospheric Emissions Compliance Audit for the Zondereinde Northam Platinum Mine in the Limpopo Province (2017) - Platinum</p>	<p>Project Manager. Assess compliance with the conditions of the atmospheric emissions licence for the Zondereinde Mine and report compilation.</p>
<p>Environmental compliance audit for the Northam Platinum Mine in the Limpopo Province (2017) - Platinum</p>	<p>Project Manager. Undertake an environmental compliance audit of the Zondereinde Mine in terms of applicable legislation and report compilation.</p>
<p>Independent Peer Review of the Vaal Gamagara Water Supply Scheme in the Northern Cape Province (2017)</p>	<p>Project co-ordinate. Management of specialists and review of environmental permitting aspects and assistance with report compilation.</p>
<p>Due diligence for a smelter complex and associated mine located in the North West Province (2016- 2017) - Ferrochrome</p>	<p>Project Manager. Team co-ordination and compilation of due diligence report</p>
<p>EIA and EMP for the development of the new Khwara underground mine in the Northern Cape Province (2016-2017) - Manganese</p>	<p>Project Manager. Compilation of scoping and environmental impact assessment and environmental management programme reports. Management of specialists and stakeholder engagement process and compilation of the financial provision report.</p>
<p>Environmental assessment process to cater for changes to the approved infrastructure layout at the Tshipi Borwa Mine in the Northern Cape Province (2012-2017) - Manganese</p>	<p>Project Manager. Compilation of scoping and environmental impact assessment and environmental management programme reports. The management of the stakeholder engagement process and specialists.</p>
<p>Preliminary close out audit for the Sishen Mine Dingleton Resettlement site near Kathu in the Northern Cape Province (2016)</p>	<p>Project Manager. Assess compliance with the conditions outlined in the environmental authorisation and the approved environmental management programme.</p>
<p>Update of the basic assessment report for the establishment of a diesel generator as part of dewatering infrastructure at the Evander No. 6 Shaft complex in the Mpumalanga Province (2016)</p>	<p>Project Manager. Update the basic assessment report to comply with the DMR report template</p>
<p>Environmental assessment process and air emissions license process for the establishment of the new Jeanette Mine in the Free State Province (2015-2016) - Gold</p>	<p>Project Manager. Compilation of scoping and environmental impact assessment and environmental management programme reports. Compilation of the technical supporting information required for a waste management license application and an air emissions license application. The management of the stakeholder engagement process and specialists.</p>

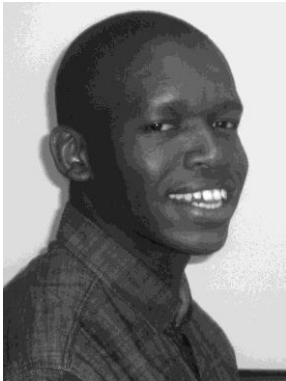
<p>Water Use License Compliance Audit for the UMK Mine in the Northern Cape Province (2015 - 2016) - Manganese</p>	<p>Project Manager. Assess compliance with the commitments included in the water use licenses issued and make recommendations for rectifying non-compliances and partial compliances identified during the audit.</p>
<p>Basic Assessment for undertaking prospecting related activities for Impala Platinum Mine in the North West Province (2015 -2016) - Platinum</p>	<p>Project Manager. Compilation of basic assessment report, management of specialists, management of stakeholder engagement process.</p>
<p>Environmental compliance audit for the UMK Mine in the Northern Cape Province (2015 -2016) - Manganese</p>	<p>Project Manager. Assess compliance with the conditions outlined in the environmental authorisation and the approved environmental management programme.</p>
<p>Environmental assessment process, waste management license process and water use license process for the establishment of a new Mokala Manganese Mine in the Northern Cape Province (2014-2016) - Manganese</p>	<p>Project Manager. Compilation of scoping and environmental impact assessment and environmental management programme reports. Compilation of the technical supporting information required for a water use license application process and submission of the waste management license application. The management of the stakeholder engagement process and specialists.</p>
<p>Environmental assessment process for the proposed construction of dewatering infrastructure and the development of a decant water pipeline in support of the proposed Evander Shaft 6 in the Mpumalanga Province (2014) - Gold</p>	<p>Project Manager. Compilation of a basic assessment report, the management of the stakeholder engagement process and the management of specialists.</p>
<p>Environmental legal gap analysis for Rappa Resources in the Gauteng Province (2014) - Gold</p>	<p>Project Manager. Compilation of an environmental legal gap analysis report to identify any inadequacies in existing approvals and to identify outstanding approvals in terms of the National Environmental Management Act 107 of 1998, the National Environmental Management: Waste Act 59 of 2008, the National Environmental Management: Air Quality Act 39 of 2004, and the National Water Act 36 of 1998 (NWA).</p>
<p>Environmental support work to meet the requirements of the approved environmental management programme and updating the water use license application for the UMK Mine in the Northern Cape Province (2009-2014) - Manganese</p>	<p>Project Manager. Environmental support with regards to assistance to the UMK Mine in implementing its environmental management programme commitments. This also includes quarterly stakeholder engagement processes, EMP performance assessments and quarterly audits. Updating the water use license and supporting documentation including a new integrated water and waste management plan and specialist management</p>
<p>Environmental Management Programme amendment for the Nooitgedacht Sand Quarry Mine in the Gauteng Province (2013) - Sand</p>	<p>Project Manager. Compilation environmental impact assessment and environmental management programme amendment report.</p>

<p>Proposed Kinsenda project amendment: underground mine and surface infrastructure for Meterox, Kinsenda Copper mine in the DRC (2013) - Copper</p>	<p>Project assistant. Assistance with the compilation of the environmental impact assessment and environmental management programme report.</p>
<p>The environmental assessment process to amend the existing environmental impact assessment report and environmental management programme report to cater for infrastructure changes as the Leeuwkop Platinum Mine in the North West Province (2012-2013) - Platinum</p>	<p>Project Manager. Compilation of scoping and environmental impact assessment and environmental management programme amendment reports. Submission of the waste management license application. The management of the stakeholder engagement process and specialists.</p>
<p>Environmental and social impact overview of the proposed development of a new training centre at the Impala Platinum Rustenburg Operation in the North West Province (2013) - Platinum</p>	<p>Project Manager. Compilation of a report to provide an overview of the potential environment and social impacts associated with the development of the proposed training centre.</p>
<p>Environmental Management Programme performance assessment of the Impala Rustenburg Operation in the North West Province (2012) - Platinum</p>	<p>Project assistant. Assistance with the on-site auditing and report writing required for the environmental management programme performance assessment</p>
<p>Prospecting environmental management plan renewal and amendment Afplats in the North West Province (2012) - Platinum</p>	<p>Project Manager. Compilation of the reports required for the renewal of a prospecting right, the amendment of an approved prospecting environmental management plan including the update of the financial provision and the management of the stakeholder engagement process.</p>
<p>Prospecting environmental management plan renewal and amendment (Impala Platinum Limited on behalf of Inkosi Platinum in the North West Province (2012) - Platinum</p>	<p>Project Manager. Compilation of the reports required for the renewal of a prospecting right, the amendment of an approved prospecting environmental management plan including the update of the financial provision and the management of the stakeholder engagement process.</p>
<p>Prospecting environmental management plan amendment Ntsimbintle Mining (Pty) Ltd in the Northern Cape Province (2012) - Manganese</p>	<p>Project Manager. Compilation of the prospecting environmental management plan amendment report and specialist management.</p>

<p>The consolidation of Impala’s fourteen existing approved environmental management programme reports into one consolidated report in the North West Province (2012) - Platinum</p>	<p>Project Manager. Compilation of a consolidated environmental impact assessment and environmental management programme report include the management of the stakeholder engagement process</p>
<p>Environmental evaluation of Pit8C at Impala Platinum in the North West Province (2012) - Platinum</p>	<p>Project Manager. Compilation of a report to evaluate if the approved EIA and EMP amendment report adequately caters for the proposed Pit8C conventional opencast mining area, in terms of the baseline environment, the impact assessment and the mitigation/management measures.</p>
<p>Environmental assessment process for the environmental impact assessment and environmental management programme amendment for a proposed new tailings dam, re-processing of an old tailings dam, rehabilitation of the old tailings and waste disposal site, and open pit expansion for Impala Platinum Limited (Rustenburg Operation) in the North West Province (2011-2012) - Platinum</p>	<p>Project Manager. Compilation of scoping and environmental impact assessment and environmental management programme reports. Compilation of the technical supporting information required for a water use license application process. The management of the stakeholder engagement process and specialists</p>
<p>EIA and EMP for the establishment of the Swakop Uranium Mine in Namibia (2011)</p>	<p>Project assistant. Project assistant with stakeholder engagement and managing specialists.</p>
<p>EIA and EMP for the establishment of the new Husab Uranium Mine in Namibia (2011) - Uranium</p>	<p>Project assistant. Project assistant with stakeholder engagement and managing specialists.</p>
<p>EIA and EMP for the linear infrastructure associated with the Swakop Uranium Mine in Namibia (2010-2011) - Uranium</p>	<p>Project assistant. Project assistant with stakeholder engagement and managing specialists.</p>
<p>Environmental assessment process for the establishment of the new Turquoise iron ore mine in the Limpopo Province (2010-2011) – Iron Ore</p>	<p>Project assistant. Assistance with the stakeholder engagement process.</p>
<p>Environmental assessment process (2010)</p>	<p>Project assistant. Assistance with the compilation of the environmental impact assessment and environmental management programme report.</p>

<p>Environmental assessment process for the establishment of the new Kalkfontein Platinum Mine in the Limpopo Province (2010)</p>	<p>Project assistant. Assistance with the stakeholder engagement process.</p>
<p>Prospecting EMP for platinum group metals for Braggite Resources in the Mpumalanga Province (2010)</p>	<p>Project manager. Compilation of a prospecting EMP and stakeholder management process.</p>
<p>Compilation of the EIA and EMP reports for the Lonshi Copper Mine located in the DRC (2009-02010)</p>	<p>Project Assistant. Assistance with the compilation of the EIA and EMP reports for the Lonshi Copper Mine</p>
<p>Licensing of various water uses at the South Deep Mine in the North West Province (2009)</p>	<p>Project assistant. Assistant with water use licensing application.</p>
<p>Stakeholder engagement process for the Everest Platinum Mine as part of an EMP amendment to the extension of mining activities and changes to surface infrastructure in the Mpumalanga Province (2009)</p>	<p>Project assistant. Assistance with the stakeholder engagement process.</p>
<p>Stakeholder engagement process for the EIA and EMP amendment process for the new Northern Cape Manganese Company Mine (2009)</p>	<p>Project assistant. Assistance with the stakeholder engagement process.</p>

CURRICULUM VITAE



CLIVE PHASHE

JUNIOR ENVIRONMENTAL CONSULTANT

Environmental Management, Planning and Approvals,
Africa

QUALIFICATIONS

BSc Hons 2018 BSc Honours in Environmental Management from University of South Africa

BSc 2016 Life and Environmental Sciences (with Geology and Environmental Management Major from University of Johannesburg

EXPERTISE

- Stakeholder Engagement
- Public Participation Processes

Clive is a Junior Environmental Consultant with SLR and has over 2 years' experience within the environmental consulting field. Clive has assisted in a variety of mining projects since joining the company.

PROJECTS

Impala Prospecting Right Closure (2019) Project Assistant: Basic Assessment, Environmental Management Programme And Closure Plan For The Closure Of The Doornspruit And Roodekraalspruit Prospecting Right

PPM Plant Expansion Project (2018-2019) Project Assistant Environmental Impact Assessment and Environmental Management Programme for the PPM Plant Expansion

Marula Platinum Mine Prospecting Right Closure (2019) Project Assistant: Basic Assessment, Environmental Management Programme And Closure Plan For The Closure Of The Hackney 116kt Prospecting Right

West Wits Mine (2018-2019) Project Assistant: (EIA/EMP) for the West Wits mining right application in Gauteng: West Wits MLI (Pty) Ltd.

Project Jordan (2017-2019) Project Assistant: Basic Assessment Report for Project Jordan, a new Maize Wet Mill Plant in Vereeniging.

<p>Rhino Oil and Gas Exploration South Africa (Pty) Ltd - Onshore exploration right applications, South Africa (2015 to 2017)</p>	<p>Project Assistant: Rhino Oil & Gas Exploration South Africa lodged five applications with the Petroleum Agency of South Africa for Exploration Rights to explore for petroleum products across various onshore areas in the eastern regions of South Africa.</p>
<p>Northam Platinum (2017)</p>	<p>Project Assistant: EIA and EMP for the relocation of a security perimeter and infrastructure footprint expansion at a BMR and Smelter complex in the Limpopo Province: Northam Platinum</p>
<p>MEMBERSHIPS</p>	
<p>IAIAsa</p>	<p>Member of the International Association of Impact Assessors</p>