

Name of Consultant: Samuel Shinyemba  
 Position / Profession: Environmental Practitioner and Reviewer  
 Date of Birth: 15 September 1995  
 Nationality: Namibian  
 Email: samuel@eccenvironmental.com  
 Website: www.eccenvironmental.com  
 Contact: +264 81 4765 261

**QUALIFICATIONS:**

University of Namibia: 2014 – 2018 Bachelors of Science in Integrated Environmental Science

**PROFESSIONAL ASSOCIATIONS:**

- Namibia Scientific Society
- Namibia Environment and Wildlife Society
- Namibia Bird Club

**PROFILE:**

Samuel holds a Bachelor of Science degree in Integrated Environmental Science from the University of Namibia. His passion lies in the field of environmental awareness, natural resource conservation, population and behavioural ecology.

**KEY AREAS OF EXPERTISE:**

Environmental Management	-	Environmental monitoring and compliance, public participation and stakeholder engagement
Environmental Awareness	-	Extension of theoretical environmental knowledge through field guiding and social interaction

**LANGUAGES:**

	Read	Write	Speak
English	Good	Good	Good
Oshiwambo	Good	Good	Excellent

## SUMMARY OF EXPERIENCE AND CAPABILITY:

Samuel graduated top of his class in 2018. In addition to the theory training, Samuel has actively been involved in environmental affairs through his membership position in environmental clubs that are under the stewardship of the Namibia Scientific Society. He acquired environmental practical experience through his position as a Field Guide and Park Ranger for Gondwana Collection Namibia. Samuel joined the ECC team in 2021 and is actively involved in monthly monitoring/EMP compliance audits and engaging with stakeholders on various projects within the Namibian scope.

## PROJECT EXPERIENCE

PROJECT	YEAR	ROLE
The construction and operation a BTS tower and associated infrastructure for Paratus Telecommunications (Pty) Ltd on Erf 886, Lüderitz, !Karas Region, Namibia	2025	Lead Practitioner
The construction and operation of a BTS tower and infrastructure for Paratus Telecommunications (Pty) Ltd on Erf 398, Outjo East, Kunene Region, Namibia	2025	Lead Practitioner
The proposed Omitiomire Copper Mine Project	2024	Lead Practitioner
The proposed construction and operation of a tourism lodge on Farm Waldeck No. 28	2024	Lead Practitioner
The 66 kV powerline for the Twin Hills Gold Project	2023	Lead Practitioner
Namibia Marine Phosphate – Sandpiper Marine Phosphate Project	2021-Present	Stakeholder Engagement Officer
GACP+ Standard Project	2022-Present	Assistant Community Based Trainer & Trainer
Jumbo Fair Trade for Tradecraft	2021-Present	Environmental monitoring, data analysis and report compilation
Osino Twin Hill Gold Mine Project	2021-Present	Environmental compliance and auditing through fieldwork, samples collection, data analysis and report compilation.
Uis Tin Mine Project	2021-2022	Environmental compliance and auditing through fieldwork, samples collection, data analysis and report compilation.

## CERTIFICATION:

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experience.

DATE: 25/07/2025



Samuel Shinyemba

Name of Consultant: Carlene Baufeldt  
Position / Profession: Principal Environmental Practitioner/Manager  
Date of Birth: 23 December 1990  
Nationality: Namibian  
Email: carlene@eccenvironmental.com  
Website: www.eccenvironmental.com  
Contact: +264 81 733 5626

### TERTIARY EDUCATION:

**University of Stellenbosch: 2012** Bachelor of Science (Honours) in Biodiversity and Ecology  
**University of Stellenbosch: 2009 - 2011** Bachelor of Science in Biodiversity and Ecology

### Professional Associations:

- Environmental Assessment Professional Association of Namibia (EAPAN)
- Namibia Chamber of Environment (NCE) (2017 – 2021)
- Namibian Uranium Institute (2017 – 2021)
- Women in Mining Association Namibia (WIMAN)

### PROFILE:

As a holder of a BSc (Hons) in Biodiversity and Ecology from Stellenbosch University and over 12 years of experience in the construction, exploration and mining industry, Carlene is passionate about conserving the Namibian environment by ensuring legal compliance for projects she is involved in. Carlene has been engaged with all aspects of environmental management in the construction, exploration and mining industry and is an ISO integrated management systems lead auditor. Additionally, since 2022, Carlene has actively worked as an environmental assessment practitioner across industry within Namibia.

### KEY AREAS OF EXPERTISE:

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Environmental Management	-	Environmental management systems (EMS), environmental management plans (EMPs), environmental and social management plans (ESMPs), environmental monitoring and compliance programmes, overseeing ESIA process and reviewing reports, mine and rehabilitation closure development, public participation & stakeholder management, documentation alignment and review to
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Auditing and Incident Management	-	standards, due diligence assessments ISO integrated lead auditor (ISO 14001:2015, ISO 9001:2015 & ISO 45001:2018) ICAM incident investigation
Project Management	-	Management of various projects on a supervisory level



## LANGUAGES:

	Read	Write	Speak
English	Excellent	Excellent	Excellent
Afrikaans	Excellent	Excellent	Excellent



## SUMMARY OF EXPERIENCE AND CAPABILITY:

Since 2013, Carlene has been working in the construction, exploration and mining industry, with a main focus in the uranium mining sector. Carlene has been actively involved at an industry and national level to assist with the development and implementation of best practise standards for exploration and mining activities. Carlene has been exposed to all aspects of environmental management during her career and at a supervisory level. Carlene is an ISO integrated lead auditor. Carlene has been involved with EMS and EMP/ESMP development and implementation, monitoring (bio-physical & biodiversity) and compliance programmes development and implementation, mine closure development and the ESIA process whilst working on the Husab Mine. Carlene has joined the ECC team in 2022 where she has been actively involved in the ESIA process and monitoring/EMP compliance for clients. Additionally, Carlene has assisted with rehabilitation and closure planning, due diligence reporting and the application of secondary permits/licences within the Namibian context.

## PROJECT EXPERIENCE

PROJECT	DATE	ROLE
Bulk Earthworks for the Husab Uranium Mine Project for WBHO (Namibia) (Propriety) Limited	2013	Environmental Officer
Swakop Uranium (Pty) Ltd Husab Uranium Mine exploration, construction and early operations	2013 - 2016	EMP Compliance Technician/Environmental Officer
Swakop Uranium (Pty) Ltd Husab Uranium Mine exploration and early operations	2016	Acting Environmental Superintendent
Swakop Uranium (Pty) Ltd Husab Uranium Mine exploration and early operations	2016 - 2017	Senior Environmental Officer
Swakop Uranium (Pty) Ltd Husab Uranium Mine exploration and early operations	2017	Acting Environmental Manager
Swakop Uranium (Pty) Ltd Husab Uranium Mine exploration and operations	2017 - 2021	Environmental Specialist/Superintendent
Engaged by Andrada Mining Namibia (Pty) Ltd to oversee environmental monitoring, EMP compliance and reporting programmes, secondary permits/licences applications activities on ML 134, ML 133, ML 129 and EPL 5445	2022 - 2025	Senior Environmental Practitioner/Manager and lead on project
Engaged by Osino Namibia Holdings (Pty) Ltd to oversee environmental monitoring, EMP compliance and reporting programmes, secondary permits/licences applications and ESIA amendment work activities for ML 238	2022 - 2025	Senior Environmental Practitioner/Manager and lead on project


Engaged by QKR Navachab Gold Mine (Pty) Ltd to oversee environmental monitoring and EMP compliance and reporting programmes, ESIA assessment work, OEMP development and implementation, rehabilitation plan development and implementation for mining (ML 31 and ML 180) and exploration activities (EPL 999 and EPL 3275)	2022 - 2025	Senior/Principal Environmental Practitioner/Manager and lead on the project
Engaged by Jumbo Charcoal (Pty) Ltd to oversee the air quality monitoring programme	2022 - 2024	Senior Environmental Practitioner/Manager and lead on the project
Engaged by Kuiseb Copper Company (Pty) Ltd to oversee environmental compliance and reporting programmes	2022 - 2025	Senior Environmental Practitioner/Manager and lead on the project
Engaged by Cheetah Minerals Exploration (Pty) Ltd to oversee environmental compliance and reporting programmes	2022 - 2025	Senior Environmental Practitioner/Manager and lead on the project
Engaged by Bigen Kuumba Infrastructure Services to oversee the environmental compliance and reporting as an independent environmental practitioner of the railway line upgrade from Walvis Bay to Kranzberg	2022 - 2024	Senior Environmental Practitioner/Manager and lead on the project
Engaged by Namibia Marine Phosphate (Pty) Ltd to undertake and ESIA for the Sandpiper Marine Phosphate Project	2022	Senior Environmental Practitioner and lead on the project
Engaged by Shali Mining (Pty) Ltd to undertake an ESIA for the Ongombo Project	2022	Senior Environmental Practitioner on the project
Engaged by Consolidated Copper Company (Pty) Ltd to oversee environmental monitoring and EMP compliance and reporting programmes for their three mining licence sites (Matchless, Tschudi and Otjihase)	2022 - 2025	Senior/Principal Environmental Practitioner and lead on the project
Engaged by Craton Mining and Exploration (Pty) Ltd to oversee environmental monitoring and EMP compliance and reporting programmes for ML 197 and EPL 8550	2022 - 2025	Senior/Principal Environmental Practitioner and lead on the project
Engaged by Sorex Sun Energy (Pty) Ltd to oversee EMP compliance and reporting programmes	2023 – 2025	Senior Environmental Practitioner on the project
Engaged by Mandarin Investments (Pty) Ltd to oversee environmental monitoring and EMP compliance and reporting programmes on EPL 4818	2023 - 2025	Senior Environmental Practitioner on the project
Engaged by Elevate Uranium (Pty) Ltd to oversee environmental monitoring and EMP compliance and reporting programmes on EPL 6987	2024 - 2025	Principal Environmental Practitioner
Engaged by Diaz Wind Power (Ltd) to oversee EMP compliance programmes for the Diaz Wind Farm, Lüderitz	2024 - 2025	Principal Environmental Practitioner and lead on the project
Engaged by Langer Heinrich Uranium (Pty) Ltd to	2024 - 2025	Principal Environmental Practitioner

oversee the air quality monitoring programme and reporting for operations		and lead on the project
Engaged by Mariental Piggery (Pty) Ltd to assist with the development of a rehabilitation action plan, monitoring programme and secondary permit applications to the Department of Water Affairs	2024 - 2025	Principal Environmental Practitioner and lead on the project
Engaged by Richwater Oyster Company (Pty) Ltd to develop and EMP and apply for an environmental clearance certificate for aquaculture farming activities Mile 6, Salt Works, Swakopmund	2024 - 2025	Principal Environmental Practitioner and lead on the project
Engaged by IJG Advisory Services (Pty) Ltd to assess and compile an environmental and social due diligence report for activities of Namibia Marble and Granite (Pty) Ltd on ML 142 and marble processing plant in Karibib	2025	Principal Environmental Practitioner
Internal senior peer technical reviewer for all ECC related Project industry work	2022 - 2025	Senior/Principal Environmental Practitioner

#### **CERTIFICATION**

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and experience.

DATE: 18/ 03 / 25



FULL NAME OF CONSULTANT  
**CARLENE BAUFELDT**

Name of Consultant: Jessica Bezuidenhout  
Position / Profession: Managing Director  
Date of Birth: 24 October 1984  
Nationality: Australian – Namibian Domicile  
Email: jessica@eccenvironmental.com  
Website: www.eccenvironmental.com  
Contact: +264 81 653 1214



### TERTIARY EDUCATION:

**Federation University Australia: 2003 – 2006** Bachelor of Applied Science – Environmental Management

### OTHER TRAINING:

- Management Systems Leadership
- ICAM – Incident Causes Analysis Method
- Certificate II in Metalliferous Mining Core Safety and Risk Management
- Certificate III in Mine Emergency Response & Rescue
- Level 3 – HLTFA402B Apply Advance First Aid Emergency Rope Rescue
- Level 2 – 21593VIC First Aid Level 2 Bonded Asbestos Removal > 10m<sup>2</sup>
- Leading and Managing People – Brisbane North Institute of TAFE

### Professional Associations:

- Chamber of Mines Namibia
- Women on Boards
- The Chamber of Minerals and Energy of Western Australia Industry Member – Mining, Minerals and Resources
- Environmental Assessment Professional Association of Namibia (EAPAN)

### PROFILE:

Jessica works as the managing director of ECC and has a diverse environmental background. Mrs Bezuidenhout has leading practical experience in fields of construction, exploration, monitoring and audit compliance, consultancy, operations, water treatment and wastewater treatment plants, environmental approvals, legal, minimising operational impacts, community liaison, including indigenous relationship management, mine closure and rehabilitation.

## KEY AREAS OF EXPERTISE:

Environmental Management	-	Project Management
Environmental (and social) Impact Assessments (EIAs)	-	Conducting and managing various small to large scale EIAs Compiling EIA Reports and EMPs Coordinate and review specialist studies
Environmental & Social Compliance reporting	-	Environmental and Social compliance audits in the construction and mining industry



## LANGUAGES:

<b>English</b>	<b>Read</b> Excellent	<b>Write</b> Excellent	<b>Speak</b> Excellent
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## SUMMARY OF EXPERIENCE AND CAPABILITY:

Jessica has 15 years of mining and construction experience in the SHEQ field, with 7 years of that being in Australia and 8 years in Namibia and Southern Africa. Her first three years were as an Environmental Systems Coordinator where she obtained regulatory approvals, oversaw operational budgets and bond management for mine closures, oversaw compliance and ensured environmental and social aspects of international management codes were adhered to. The following 3 years she worked in the environmental management field as a Site Environmental Manager managing various projects and bringing sites into full compliance with environmental legislative frameworks, while also being responsible for the environment, sustainability, and social reporting portfolio. She then went on to work as an Environmental Consultant where she was responsible for mine closure and rehabilitation and sustainability reporting. Since 2016 Jessica has been a Managing Director of Environmental Compliance Consultancy (ECC) spearheading many environmental impact assessments undertaken in Southern Africa, advising clients and has thus gained great practical experience and knowledge on local and international compliance and auditing standards such as IFC and the World Bank.

## PROJECT EXPERIENCE

PROJECT	DATE	ROLE
Contracted services by The Australian Defence Force (ADF) for Environmental Management of Defence projects.	2006 – 2007	Environmental Project Manager
Site environmental officer and systems coordinator, Ballarat Goldfields.	2007 – 2010	Environmental Systems Coordinator
Managed the environmental and community aspects of three operations: Savannah Nickel Mine, Copernicus Nickel Mine (currently in care and maintenance) and the operations at Wyndham Port	2010-2013	Site Environmental Manager
A mine closure project taking an operating mine site into the rehabilitation and closure phase. This project involved the full development of a mine closure plan, facilitation of the government	2013-2014	Environmental Consultant

approvals, stakeholder engagement and technical environmental studies to inform the mine closure plan		
Full scale construction of new greenfield mine into an operational copper mine - Tschudi	2013-2016	HSE Manager
HSE management of operational underground mines, Otjihase and Matchless	2013-2016	HSE Manager
Director Environmental Compliance Consultancy	2016 – Current	Managing Director and principal environmental practitioner
<b>Projects completed while at ECC</b>		
The Environmental Impact Assessment (EIA) for the proposed Walvis Bay Waterfront development	2018	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Conduct the Namibian assessment on the laws and policies relating to six thematic areas based on a compendium of best practices for governments to best deal with the full range of issues related to mining.	2018	Principal Environmental Assessment Practitioner
ESIA amendment for B2Gold Namibia Mining Licence (ML 169) to developed underground mine working for the Otjikoto Gold Mine	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Kunene Regional Counsel Sustainable water supply Pipeline and Ancillary works	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
ESIA application for B2Gold Namibia 10.8 megawatt PV solar upgrade to the B2Gold Power Plant	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
EIA application for Uris irrigation scheme	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
MAWF permit application for Water Abstraction and Discharge for Uris Irrigation scheme	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
EIA application for University of Namibia (UNAM) Katima Mulilo Campus Expansion	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
ESIA application for Farm Tsumore 761 Unit B Irrigation Project	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
MAWF permit application for Water Abstraction and Discharge for Tsumore 761 Unit B Irrigation Project	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and

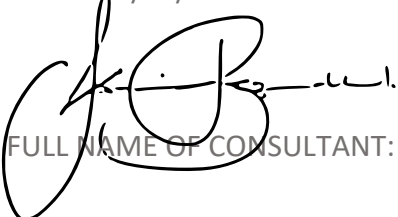
		PPP and report review)
ESIA application for Otjiwarongo Wastewater Treatment and Bulk Water Supply	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
ESIA for the Wastewater Treatment facilities for Gondwanan Collection	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
MAWF permit application for Water Abstraction and Discharge for Gondwanan Collection	2019	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Engaged by Mertens Mining and Trading (Pty) Ltd, to undertake an Environmental Impact Assessment (EIA) and an Environmental Management Plan (EMP) to undertake bulk sampling, exploration activities and trial processing on EPL 7699.	2020	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Engaged by Kuiseb Copper Company (Pty) (Ltd) to undertake an ESIA and an Environmental Management Plan (EMP) for EPLs: 7528, 7529, 7530, 7531, 7532, 7533, 7534, 7535, 7536, 7537, 7538, 7539, 7540, 7541, 7542, 7543, 7730, 7731, 7732,	2020	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Exploration by Cheetah Minerals	2020	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Engaged by Skorpion Zinc (Namzinc) (Pty) (Ltd) to undertake an ESIA and an Environmental Management Plan (EMP)	2021	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Engaged by Afritin Mining Namibia (Pty) Ltd to undertake the ESIA and Environmental Management Plan (EMP)	2021	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Project Wings - engaged by Headspring Investments (Pty) Ltd to undertake the Environmental, Social and Impact Assessment and Environmental Management Plan	2021	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Application for an Environmental Clearance Certificate for Twin Hills Gold Project	2021	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Engaged by to undertake an ESIA and an Environmental Management Plan (EMP) for the stage 2 expansion of the pilot tin processing plant on Mining Licence (ML) 134, held by Uis Tin	2021	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)

Mining Company		
ESIA for the proposed Sandpiper Marine Phosphate Project within ML 170, offshore, Namibia	2022	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
The proposed Ongombo Copper Mining Project in the Khomas Region, Namibia	2022	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
The proposed construction and operation of an additional tailings storage facility (TSF3), Erongo Region, Namibia	2023	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
The proposed Osona II – 36MW solar PV power plant near Okahandja, Otjozondjupa Region, Namibia	2023	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
The Proposed Gergarub Mining Project on ML 245, within the //Kharas Region, Namibia	2024	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
The proposed Omitiomire Copper Mine on ML 197 in the Khomas Region, Namibia	2024	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
The proposed construction of an ammonia terminal at the Walvis Bay Port area, Erongo Region, Namibia	2025	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
The proposed construction of an ammonia pipeline from Farm 58 to Walvis Bay Port, Erongo Region, Namibia	2025	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
IJG Advisory Services (Pty) Ltd to assess and compile an environmental and social due diligence report for activities of Namibia Marble and Granite (Pty) Ltd on ML 142 and marble processing plant in Karibib	2025	Principal Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)

**CERTIFICATION:**

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experience.

DATE: 03/06/2025



FULL NAME OF CONSULTANT: JESSICA BEZUIDENHOUT