

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** Honours 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	Excellent	Excellent	Excellent
Oshiwambo	Excellent	Excellent	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	DATE	ROLE
The proposed Omitomire 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: 24/02/2025



Samuel Shinyemba

## JESSICA BEZUIDENHOUT

Name of Consultant: Jessica Bezuidenhout

Position / Profession: Environmental Specialist

Date of Birth: 24 October 1984

Nationality: Australian – Namibian Domicile, mother of a Namibian child.

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 a Lead Environmental Practitioner with 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:

	Read	Write	Speak
English	Excellent	Excellent	Excellent



## 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	Director and principle environmental practitioner
<b>Projects completed while at ECC</b>		
The Environmental Impact Assessment (EIA) for the proposed Walvis Bay Waterfront development	2018	Lead 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	Lead Environmental Assessment Practitioner
ESIA amendment for B2Gold Namibia Mining Licence (ML 169) to developed underground mine working for the Otjikoto Gold Mine	2019	Lead 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	Lead 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	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
EIA application for sand removal on Farm Okakongo Nord No. 58	2019	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
EIA application for Uris irrigation scheme	2019	Lead 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	Lead 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	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
EIA application for B2Gold exploration activities EPL 6627 & EPL 6628	2019	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and

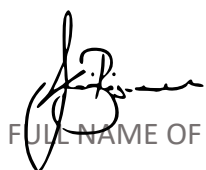
		PPP and report review)
ESIA application for farm Tsumore 761 Unit B Irrigation Project	2019	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
MAWF permit application for Water Abstraction and Discharge for Tsumore 761 Unit B Irrigation Project	2019	Lead 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	Lead 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	Lead 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	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Conduct an environmental assessment in order to complete an Environmental Impact Assessment and Environmental Management Plan (EMP) for Marenica Energy.	2019	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Appointed Environmental Practitioner for the B2Gold exploration activities on EPL 6949. Conduct an environmental assessment in order to complete an Environmental Impact Assessment and Environmental Management Plan (EMP)	2019	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Engaged by Marenica Energy to undertake an Environmental Impact Assessment (EIA) and an Environmental Management Plan (EMP) for EPL's 6663, 7435, 7436, 7278 & 7279 for Nuclear Fuel Minerals	2019	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Engaged by Marenica Energy to undertake an Environmental Impact Assessment (EIA) and an Environmental Management Plan (EMP) on EPL's : 7703, 7340, 7303 & 7172 for Base and Rare Metals, Industrial Minerals, Precious Metals and Semi-Precious Stones.	2020	Lead 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	Lead 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	2020	Lead Environmental Assessment Practitioner managing the EIA process

Management Plan (EMP) for EPLs: 7528, 7529, 7530, 7531, 7532, 7533, 7534, 7535, 7536, 7537, 7538, 7539, 7540, 7541, 7542, 7543, 7730, 7731, 7732,		(including stakeholder engagement and PPP and report review)
Exploration by Cheetah Minerals	2020	Lead 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	Lead 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	Lead 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	Lead 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	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Engaged by Votorantim Metals Namibia (Pty) Ltd to undertake the ESIA and Environmental Management Plan (EMP) for exploration activities on EPL 8127	2021	Lead 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 Mining Company	2021	Lead 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 experience.

DATE: 10/ 11 / 20



FULL NAME OF CONSULTANT: JESSICA BEZUIDENHOUT

Name of Consultant: Carlene Baufeldt

Position / Profession: Senior 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 9 years of experience in the construction 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 and mining industry and is an ISO integrated management systems lead auditor.

### KEY AREAS OF EXPERTISE:

Environmental Management	-	Environmental Management Systems (EMS), Environmental Management Plans (EMPs), Environmental monitoring and compliance programmes, overseeing ESIA process and reviewing reports, mine closure development, Public Participation & Stakeholder Management, documentation alignment and review to standards
Auditing and Incident Management	-	ISO integrated lead auditor (ISO14001:2015, ISO9001:2015 & ISO 45001:2018) ICAM Incident Investigation



Project Management	-	Management of various projects on a supervisory level
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## 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 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 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.

## 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 Afritin Mining Namibia (Pty) Ltd to oversee environmental monitoring and EMP compliance programmes	2022	Senior Environmental Practitioner/Manager and lead on project
Engaged by Osino Namibia Holdings (Pty) Ltd to oversee environmental monitoring and EMP compliance programmes	2022	Senior Environmental Practitioner/Manager and lead on project
Engaged by QKR Navachab Gold Mine (Pty) Ltd to oversee environmental monitoring and EMP compliance programmes	2022	Senior Environmental Practitioner/Manager and lead on the project
Engaged by Jumbo Charcoal (Pty) Ltd to oversee the air quality monitoring programme	2022	Senior Environmental Practitioner/Manager and lead on the project
Engaged by Kuiseb Copper Company (Pty) Ltd to oversee environmental compliance programmes	2022	Senior Environmental Practitioner/Manager and lead on the project
Engaged by Cheetah Minerals Exploration (Pty)	2022	Senior Environmental

Ltd to oversee environmental compliance programmes		Practitioner/Manager and lead on the project
Engaged by Bigen Kuumba Infrastructure Services to oversee the environmental compliance as an independent environmental practitioner of the railway line upgrade from Walvis Bay to Kranzberg	2022	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

### **CERTIFICATION**

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

DATE: 13/ 04 / 22



FULL NAME OF CONSULTANT  
**CARLENE BAUFELDT**