

Name of Consultant: Stephan Bezuidenhout  
 Position / Profession: Managing Member & Senior Environmental Practitioner  
 Date of Birth: 11 April 1989  
 Nationality: Namibian  
 Email: stephan@eccenvironmental.com  
 Website: www.eccenvironmental.com  
 Contact: +264 81 262 7872

 **TERTIARY EDUCATION:**

**University of Pretoria:**                    **2011 – 2012**    Postgraduate Degree in Environmental Management and Analysis  
**University of Stellenbosch:**            **2007-2010**    Bachelor of Applied Science

**Professional Associations:**

- Environmental Assessment Professional Association of Namibia (EAPAN)
- FSC Environmental Chamber
- Namibia Chamber of Environment (NCE)
- Namibia Charcoal Association (NCA)
- Namibia Biomass Industry Group (N – BIG)

**PROFILE:**

ECC’s proudly Namibian Principal leads the ECC team as the lead Environmental Practitioner with a strong and dedicated environmental background. Mr Bezuidenhout has leading practical experience in Identifying and applying legislative requirements to proposed projects. Identifying impacts and mitigations for projects within different sectors, including mining, energy, agriculture, and construction.

**KEY AREAS OF EXPERTISE:**

Environmental Management & Environmental (and social) Impact Assessments (EIAs) (ESIAs)	-	Compiling EIA Reports and EMPs Coordinate, and review specialist studies Review EIA reports Environmental Management Systems (EMS) Public Participation & Stakeholder Management
Agriculture and Ecology	-	Aftercare, rehabilitation & restoration methodology & implementation Forest Stewardship Council (FSC) implementation and compliance
Project Management	-	Management of teams through Southern Africa for various projects



## LANGUAGES:

	Read	Write	Speak
English	Excellent	Excellent	Excellent
Afrikaans	Excellent	Excellent	Excellent



## SUMMARY OF EXPERIENCE AND CAPABILITY:

Since 2010, Stephan has been working as an environmental assessment practitioner. Stephan has a strong ecological background and has gained more than ten years' experience in the environmental industry. As a lead practitioner, Stephan has successfully driven environmental impact assessments and compliance assessments within Southern Africa. His hands on and practical experience and knowledge of international standards, such as FSC, IFC and World Bank standards allows Stephan to advise his clients and teams constructively and effectively.

## PROJECT EXPERIENCE

PROJECT	DATE	ROLE
Department of Water Engineering (working on a catchment management project for the Municipality of Stellenbosch)	2011 - 2012	Intern at Aurecon South Africa
375 km 26-inch natural gas installation for SASOL & ROMPCO Mozambique representing Worley Parsons (Pty) LTD. South Africa	2013 - 2015	Environmental Coordinator and Manager
Soil Remediation and Commissioning report of NGALA Camp for Isondlo Project Support (IPS) (Pty) Ltd Gauteng, South Africa	2015	Lead consultant and project manager
Abengoa Solar SA, Xina Solar One 200 MW CSP Trough Northern Cape, South Africa	2015 - 2017	Environmental Control Officer during construction phase
Abengoa Solar SA Paulputs CSP (Pty) Ltd. 150 MW CSP Trough Northern Cape, South Africa	2015 - 2017	Environmental Assessment Practitioner during EIA Process
Konkoonsies II PV Solar Energy Facility, On-site substation and a 132kV power line Northern Cape, South Africa	2015 - 2017	Environmental Assessment Practitioner during EIA process
Abengoa Solar SA, Kaxu Solar One 100MW Concentrating Solar Plants (CSP) Trough	2015 - 2017	Environmental Control Officer during commissioning and rehabilitation phases
Jumbo Charcoal FSC Group Scheme Management	2015 - 2020	Team member
Kunene Regional Counsel sustainable water supply Pipeline and Ancillary works	2017 - 2018	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review).
ESIA application for B2Gold Namibia 10.8 megawatt PV solar upgrade to the B2Gold Power Plant	2017 - 2018	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review).
Best Practice Guide: Environmental Principles for Mining in Namibia	2017 - 2019	Team member
EIA application for various exploration activities for Votorantim Metals Namibia Pty Ltd	2018 - Present	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement,

		PPP and report review).
The FSC National Forest Stewardship Standard of Namibia	2018-2020	Part of the working group who compiled the National Standard for Forest Stewardship Council (FSC) in Namibia allowing for a higher rate of certification and improved compliance
ESIA application for Otjiwarongo Wastewater Treatment and Bulk Water Supply	2019	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, 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, 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, PPP and report review)
Development of the Erongo Rocks Adventure Lodge in the Erongo Region, Nakambale Adventure Lodge in the Oshana Region and Okavango River Adventure lodge in the Kavango Region, Namibia.	2019	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review)
Proposed Otjikoto agricultural project, Otjozondjupa Region, Namibia	2020	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review)
Construction of Paratus Telecommunication (Pty) Ltd base transceiver station and associated infrastructure in Swakopmund	2020	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review)
A pilot sustainable water supply project by means of desalination, powered by solar to supplement water supply for Walvis Bay, Namibia	2020	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review)
A charcoal & briquette processing and packaging facility in Otjiwarongo, Otjozundjupa Region, Namibia	2020	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review)
Proposed Mechanized Bush Thinning Operations and Construction of a Biomass Processing (Charcoal Burning Retort System), Storage and Packaging Plant on Farm Gai Kaisa No. 159, Otjozondjupa Region, Namibia	2020	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review)
Charcoal and briquette processing, packaging, and storage facility in outjo	2021	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review)
Engaged by Afritin Mining Namibia (Pty) Ltd to	2021	Lead Environmental Assessment

undertake the ESIA and Environmental Management Plan (EMP)		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)
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)

## PUBLICATIONS

N.S., et al., Some ecological side-effects of chemical and physical bush clearing in a southern African rangeland ecosystem, Southern African Journal of Botany (2015), <http://dx.doi.org/10.1016/j.sajb.2015.07.012>

The FSC National Forest Stewardship Standard of Namibia (Draft V 4). Co-authored by S Bezuidenhout, P Cunningham, A Ashby, F Detering, W Enslin & D Honsbein

## CERTIFICATION

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

DATE: 11/ 11 / 21



FULL NAME OF CONSULTANT  
**JACOBUS STEPHAN 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:

<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	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

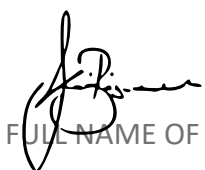


Management Plan (EMP) for EPLs: 7528, 7529, 7530, 7531, 7532, 7533, 7534, 7535, 7536, 7537, 7538, 7539, 7540, 7541, 7542, 7543, 7730, 7731, 7732,		(including stakeholder engagement and PPP and report review)
Exploration by Cheetah Minerals	2020	Lead Environmental Assessment Practitioner managing the 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: Lester Harker  
 Position / Profession: Environmental Assessment Practitioner  
 Date of Birth: 26 February 1988  
 Nationality: Namibian  
 Email: lester@eccenvironmental.com  
 Website: www.eccenvironmental.com  
 Contact: +264 81 602 2082

 **TERTIARY EDUCATION:**

**University of Stellenbosch:**      **2006 – 2010** Bachelor of Arts (Environment and Development - attended)

**PROFILE:**

Lester works as an Environmental Assessment Practitioner with a diverse environmental consulting background. Mr. Harker has leading practice experience in the fields of construction, exploration, mining, environmental monitoring and audit compliance, and general consultancy obtained from leading industry professionals.

**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 industry

 **LANGUAGES:**

	<b>Read</b>	<b>Write</b>	<b>Speak</b>
<b>English</b>	Excellent	Excellent	Excellent
<b>Afrikaans</b>	Excellent	Excellent	Excellent



**SUMMARY OF EXPERIENCE AND CAPABILITY:**

Has 10 years of industry work experience. His first three years were as a junior environmental assessment practitioner but already became involved with the holistic management of EIA projects. For the following 5 years, he worked in the environmental management field with experience in

Environmental Impact Assessments (EIAs), compliance monitoring, and auditing in Namibia, the DRC, and Equatorial Guinea. Has above-average experience in successful client relations.

## PROJECT EXPERIENCE

PROJECT	DATE	ROLE
Collaborated with the British CRIDF donor organisation to conduct a high-level environmental investigation to determine the feasibility of treating and reusing the Rehoboth Wastewater collection and treatment facility for agricultural purposes	2015	Environmental Assessment Practitioner
Environmental scoping and impact assessment for exploration activities for Westrine Mining & Exploration Company (Pty) Ltd	2016	Environmental Assessment Practitioner.
Conducted an Environmental Scoping and Impact Assessment for the construction of a cement mining and processing facility in Equatorial Guinea, North Africa, for N.B.L.E Sa.	2016	Environmental Assessment Practitioner.
Conducted an environmental impact assessment for the Dauremas Mineral Development Company for exploration and proposed mining activities, Kunene Region.	2015-2017	Environmental Assessment Practitioner.
Conducted an Environmental Impact Assessment for a terrestrial diamond exploration project south of Aus, Karas Region for Hallie Investment Number 14.	2017	Environmental Assessment Practitioner.
Conducted an environmental performance audit in collaboration with a British firm for a copper and cobalt processing facility for the Somika Sarl Group of Companies operating in the DRC to fund the expansion of their processing facility.	2018	Environmental Assessment Practitioner
<b>Projects Completed while at ECC</b>		
Environmental impact assessment for a pilot sustainable water supply project by means of desalination, powered by solar to supplement water supply for Walvis Bay Erongo Region, Namibia	2020	Environmental Assessment Practitioner
Amendment application for the Palmwag Lodge, Gondwana Namibia.	2020	Environmental Assessment Practitioner
Environmental Assessment for the proposed development of residential, retail including tourism activities on Erf 4747, Swakopmund Namibia.	2020	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP.
Environmental scoping and impact assessment for the proposed exploration activities on 19 EPLs in the Omaheke and Khomas regions for Kuiseb Copper Company (Pty)Ld	2020	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP.
Environmental assessment for proposed	2020	Lead Environmental Assessment

exploration activities on EPL 7769 for Jin Peng Investments (Pty) Ltd		Practitioner managing the EIA process (including stakeholder engagement and PPP.
Environmental assessment for the proposed exploration activities on EPL 7688	2020	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP.
Environmental and social compliance audit for 21 sites across Namibia under the Education, Training and Quality Improvement Project funded by the African Development Bank	2020	Site audits and development of an audit report and corrective action plan
Environmental Management Plan for an existing charcoal production and storage plant in Outjo, Namibia	2020	Environmental Assessment Practitioner
Environmental and social impact assessment for the proposed biomass processing (Retort System), storage and packaging plant on farm Gai//Khaisa no. 159, Otjozondjupa Region, Namibia.	2020	Environmental Assessment Practitioner
Environmental Management Plan for the proposed mechanised bush thinning operations on farm Gai//Khaisa no. 159, Otjozondjupa Region, Namibia	2020	Environmental Assessment Practitioner
Environmental and social impact assessment for the proposed quarrying activities for dimension stones on mining claims 72236, 72237, 72238, 72239 and 72240, Hardap Region, Namibia	2021	Environmental Assessment Practitioner
Environmental and social impact assessment for the proposed exploration activities on EPLs 7212, 7789, 7964, 7970, 7971, 7972 and 7994 in the Kunene, Otjozondjupa and Khomas regions	2021	Environmental Assessment Practitioner
Environmental and social impact assessment for the airborne electromagnetic surveys across portions within several EPLs in the Omaheke and Khomas regions for Kuiseb Copper Company (Pty) Ltd	2021	Environmental Assessment Practitioner
Environmental and social impact assessment for the proposed Osino Twin Hills Gold Mining Project, ML 238, Erongo Region, Namibia	2022	Environmental Assessment Practitioner
Environmental and Social impact assessment for the proposed expansion and of the Tin processing plant (ML 134), Uis, Erongo Region, Namibia	2021-2022	Lead Environmental Assessment Practitioner
Environmental and social impact assessment for the proposed construction and operation of tailings storage facility three (3) on the Navachab Copper Mine, Karibib, Erongo Region, Namibia	2022	Lead Environmental Assessment Practitioner

## 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: 07/11/2022



Lester Harker

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**



Name of Consultant: Monique Jarrett  
 Position / Profession: Junior Environmental Practitioner  
 Date of Birth: 25 March 1997  
 Nationality: Namibian  
 Professional Memberships: EAPAN No. 234  
 Email: monique@eccenvironmental.com  
 Website: www.eccenvironmental.com  
 Contact: +264 81 3811 474

**QUALIFICATIONS:**

University of Namibia: 2016 – 2020 Bachelor of Science (Honours) in Environmental Biology

**PROFESSIONAL ASSOCIATIONS:**

- Environmental Assessment Professionals Association of Namibia (EAPAN)

**PROFILE:**

As a holder of a BSc (Hons) in Environmental Biology from the University of Namibia, Monique is passionate about conservation, sustainability, climate change and environmental management by contributing to effective environmental management systems. She has acquired a variety of skills assisting with various ESIA, environmental monitoring and compliance projects as a junior environmental practitioner.

**KEY AREAS OF EXPERTISE:**

Environmental (and social) Impact Assessments (EIAs) (ESIAs)	-	Compiling EIA Reports and EMPs Public Participation & Stakeholder Management
Environmental Management	-	Environmental Management Systems (EMS), Tenement management, Environmental monitoring and compliance, and Public Participation & Stakeholder Engagement.

**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:

Since 2016 Monique has been working in the environmental industry. Monique has written a variety of articles on environmental and sustainability topics analysing current international and national environmental matters. Monique started gaining experience in compliance monitoring while working on the support to Community Based Natural Resource Management (CBNRM) project with GIZ. Monique gained extensive experience in environmental awareness as a climate change ambassador for Gobabeb in 2021. Monique joined the ECC team in 2021 where she has been actively involved in the ESIA process and monitoring/EMP compliance for clients.

## PROJECT EXPERIENCE

PROJECT	DATE	ROLE
Support to CBNRM Compliance monitoring	2018	Intern
Climate Action for Millennials Programme	2021	Climate Ambassador
Elevate Uranium Tenement management	Present	Junior environmental practitioner
Headspring Environmental Compliance and Monitoring	2022	Junior environmental practitioner
Craton Environmental Compliance and Monitoring	2022	Junior environmental practitioner
B2Gold Environmental Compliance and Monitoring	2022	Junior environmental practitioner
Votorantim Environmental Compliance and Monitoring	2022	Junior environmental practitioner
Namibian Marine Phosphate – Sandpiper Marine Phosphate Project ESIA	2022	Junior environmental practitioner
Votorantim Metals Namibia EPL 8403 ESIA	2022	Junior environmental practitioner
B2Gold Namibia Minerals EPL 8404 ESIA	2022	Junior environmental practitioner
Skorpion Mining Company EPL 8570 ESIA	2022	Junior environmental practitioner

## 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: 7/09/2022



Monique Jarrett

Name of Consultant: Samuel Shinyemba  
 Position / Profession: Stakeholder Liaison Officer  
 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 Bachelor of Science (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
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: 11/10/2022



Samuel Shinyemba