

<b>POSITION TITLE AND NO.</b>	K-7, ENVIRONMENTAL EXPERT (PHASE 3)		
<b>NAME OF EXPERT</b>	Fredrika Ndeutala Shagama		
<b>NAME OF FIRM</b>	Excel Dynamic Solutions (Pty) Ltd (EDS)		
<b>DATE OF BIRTH</b>	19 October 1990		
<b>COUNTRY OF CITIZENSHIP / RESIDENCE</b>	Namibia		
<b>EDUCATION</b>	<ul style="list-style-type: none"> <li>PhD Student: Civil Engineering (Geotechnics &amp; Hydrogeology): Faculty of Civil Engineering, VSB – Technical University of Ostrava (September 2019 to date)</li> <li>MSc. Geological Engineering (cum laude) with a primary focus in Hydrogeology: Faculty of Mining &amp; Geology, VSB – Technical University of Ostrava (2015)</li> <li>BSc. Geological Engineering: Faculty of Mining &amp; Geology, VSB – Technical University of Ostrava (2013)</li> </ul>		
	<b>TRAINING:</b> <ul style="list-style-type: none"> <li>Numerical Surface and groundwater Modelling (MIKESHE by DHI) and Groundwater Modelling System (GMS) MODFLOW -ongoing</li> <li>Environmental Problems in Geotechnics: Landslide and Groundwater issues on highways in the Czech Republic – April 2020</li> <li>Academic &amp; Scientific writing Workshop by the Department of Languages and Technical Reporting of VSB Technical University of Ostrava, Czech Republic (July 2020)</li> <li>Scientific Presentation, Writing and Speaking sponsored by GeoUS and presented by the University of Vaasa (Finland) – May 2020</li> <li>Groundwater Flow Modelling with GMS (MODFLOW, MODPATH) by AQUAVEO at the VSB-Technical University of Ostrava - June 2015</li> </ul>		
<b>EMPLOYMENT RECORD RELEVANT TO THE ASSIGNMENT:</b>			
Period	Employing organization and your title/position. Contact information for references	Country	Summary of activities performed relevant to the Assignment
Jan 2019 to date	<b>Name of Employer:</b> EDS <b>Position:</b> Hydrogeologist and EAP <b>Contact information for references:</b> <b>Name:</b> Mr. Nerson Tjelos <b>Designation:</b> Managing Member and Principal Consultant <b>Tel No.:</b> +264 81 152 4420 <b>Email:</b> ntielos@edsnamibia.co	Namibia	Conducting Groundwater studies, Environmental Impact Assessments (EIAs), compilation of; EIA Reports and Management Plans (EMPs), technical reports for Groundwater studies (including reports for water permit applications), Technical & Financial Proposal, Project Management, Renewal of Environmental Clearance Certificates (ECCs), conducting Environmental Monitoring (Compliance Auditing) and training of junior water and environmental consultants

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Aug 2015 – Dec 2018	<b>Name of Employer:</b> GCS Water Environmental Engineering (Pty) Ltd Namibia <b>Position:</b> Country Hydrogeologist & EAP <b>Contact information for references:</b> <b>Name:</b> Mrs Eloise Carstens <b>Designation:</b> Former Country Manager <b>Tel No.:</b> +64 27 258 9337 <b>Email:</b> eloise@ec-it.org	Namibia	Conducting Groundwater (Hydrogeological), Geological & Geochemical studies, Geotechnical investigations (Phase 1 only), Groundwater Monitoring, Air Quality Monitoring, Project Management, Proposal and Technical Report writing and Environmental Impact Assessments & Environmental Management Plans. Further responsibility included training of junior geologists and environmental assessment practitioners and ensuring health and safety implementation in the
Jul 2014 – Sep 2014	<b>Name of Employer:</b> Dundee Precious Metals Tsumeb (DPMT) <b>Position:</b> Student (Intern Geologist / Hydrogeologist) in the Environmental Department (under the Supervision of GCS Water & Environmental Consultants (Pty) Ltd) <b>Contact information for references:</b> <b>Name:</b> Mr Edison Hiwanaame <b>Designation:</b> Environmental Specialist <b>Tel No.:</b> +264 81 323 9294 <b>Email:</b> eddietnngny@gmail.com	Namibia	Measuring Groundwater Levels, Water Sampling and Preservation.
<b>MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS AND PUBLICATIONS</b>		<ul style="list-style-type: none"> <li>International Association of Hydrogeologists - Full Member, No.139790 <a href="https://iah.org/wp-content/uploads/2019/05/IAHSpring2019Newsletter_web.pdf">https://iah.org/wp-content/uploads/2019/05/IAHSpring2019Newsletter_web.pdf</a> on page 19</li> <li>Namibian Hydrogeological Association - Member, <a href="http://namhydro.com/wp/members/">http://namhydro.com/wp/members/</a>.</li> <li>Environmental Assessment Professionals of Namibia (EAPAN) - Ordinary member practitioner, No. 183, <a href="https://eapan.org/registered-members">https://eapan.org/registered-members</a></li> <li><b>Publications pending</b> (upon approval by publishing journals)</li> </ul>	
<b>LANGUAGES SKILL</b>		<b>READ</b>	<b>WRITE</b>
	<b>English</b>	Excellent	Excellent
	<b>Oshiwambo</b>	Excellent/Native	Excellent
<b>ADEQUACY FOR THE ASSIGNMENT:</b>			
<b>Detailed Tasks Assigned on Consultant's Team of Experts:</b>			

**Deliverables as per Tech-5 in which expert will be involved:**

**Phase A:**

**D4: Environmental & Social Impact Assessment (ESIA) Report and Groundwater Impact Assessment**

<p><b>Experience gained on assignment that will be useful in contributing to current project deliverables as per Tech-5</b></p>	<p><b>Reference to Prior Work/ Assignments that Best Illustrates Capability to Handle the Assignment</b></p> <p>Some of the key projects conducted by Ms. Shagama are listed as follows</p>
<p><b>Phase 1:</b></p> <p><b>Phase 3:</b> <b>D8</b></p>	<p><b>Name of Assignment or Project:</b> Environmental Assessment and Management Plan for the Proposed Ultra City (Truckport) near Otjiwarongo</p> <p><b>Year:</b> March 2023 - June 2023</p> <p><b>Location:</b> Otjiwarongo, Otjozondjupa</p> <p><b>Client:</b> Asterisk Investment Pty</p> <p><b>Main project features:</b> Undertaking the EA process, public consultation &amp; engagement facilitation, compilation of ECC applications, EIA Report and EMP</p> <p><b>Position:</b> Lead Environmental Assessment Practitioner</p> <p><b>Activities performed:</b> Project Management, Site visit &amp; Assessment, Facilitation of Public Participation/Consultation (including meetings) and Compilation of Environmental Assessment Report &amp; Environmental Management Plan</p>
<p><b>Phase 1:</b></p> <p><b>Phase 3:</b> <b>D8</b></p>	<p><b>Name of Assignment or Project:</b> Environmental Assessment and Management Plan for the Proposed Establishment of Irrigation Works and Associated Activities near Kaoko-Otavi, Kunene Region</p> <p><b>Year:</b> December 2022 - April 2023</p> <p><b>Location:</b> Otavi-Kaoko Settlement, Kunene</p> <p><b>Client:</b> Namibia Correctional Service</p> <p><b>Main project features:</b> Undertaking the EA process, public consultation &amp; engagement facilitation, compilation of ECC applications, EIA Report and EMP</p>

	<p><b>Position:</b> Lead Environmental Assessment Practitioner</p> <p><b>Activities performed:</b> Project Management, Site visit &amp; Assessment, Facilitation of Public Participation/Consultation (including meetings) and Compilation of Environmental Assessment Report &amp; Environmental Management Plan.</p>
<p><b>Deliverable related to this assignment:</b></p> <p><b>Phase 1:</b> <b>D8</b></p> <p><b>Phase 3:</b> <b>D8</b></p>	<p><b>Name of Assignment or Project:</b> Environmental Assessment and Management Plan for the Existing Sewage Oxidation Ponds</p> <p><b>Year:</b> April 2022 - Jan 2023</p> <p><b>Location:</b> Divundu, Kavango East</p> <p><b>Client:</b> Divundu Village Council (free offer by EDS)</p> <p><b>Main project features:</b> Undertaking the EA process, public consultation &amp; engagement facilitation, compilation of ECC applications, EIA Report and EMP.</p> <p><b>Position:</b> Lead Environmental Assessment Practitioner</p> <p><b>Activities performed:</b> Project Management, Site visit &amp; Assessment, Facilitation of Public Participation/Consultation (including meetings) and Compilation of Environmental Assessment Report &amp; Environmental Management Plan.</p>
<p><b>Phase 1:</b> <b>Phase 3:</b> <b>D8</b></p>	<p><b>Name of Assignment or Project:</b> Environmental Assessment and Management Plan for the Existing Dumpsite</p> <p><b>Year:</b> April 2022 - Jan 2023</p> <p><b>Location:</b> Rundu, Kavango East</p> <p><b>Client:</b> Rundu Town Council (free offer by EDS)</p> <p><b>Main project features:</b> Undertaking the EA process, public consultation &amp; engagement facilitation, compilation of ECC applications, EIA Report and EMP</p> <p><b>Position:</b> Lead Environmental Assessment Practitioner</p> <p><b>Activities performed:</b> Project Management, Site visit &amp; Assessment, Facilitation of Public Participation/Consultation (including meetings) and Compilation of Environmental Assessment Report &amp; Environmental Management Plan.</p>

<b>Phase 1:</b>  <b>Phase 3:</b> D8	<b>Name of Assignment or Project:</b> Environmental Assessment and Management Plan for the Proposed Sewage Treatment Plant & Existing Sewage Ponds  <b>Year:</b> April 2022 - Jan 2023 <b>Location:</b> Enhana, Ohangwena <b>Client:</b> Enhana Town Council (free offer by EDS)  <b>Main project features:</b> Undertaking the EA process, public consultation & engagement facilitation, compilation of ECC applications, EIA Report and EMP  <b>Position:</b> Lead Environmental Assessment Practitioner  <b>Activities performed:</b> Project Management, Site visit & Assessment, Facilitation of Public Participation/Consultation (including meetings) and Compilation of Environmental Assessment Report & Environmental Management Plan.
<b>Phase 1:</b>  <b>Phase 3:</b> D8	<b>Name of Assignment or Project:</b> Environmental Assessment and Management Plan for Existing Sewage Oxidation Ponds  <b>Year:</b> April 2022 - February 2023 <b>Location:</b> Ruacana, Omusati <b>Client:</b> Ruacana Town Council (free offer by EDS)  <b>Main project features:</b> Undertaking the EA process, public consultation & engagement facilitation, compilation of ECC applications, EIA Report and EMP  <b>Position:</b> Lead Environmental Assessment Practitioner  <b>Activities performed:</b> Project Management, Site visit & Assessment, Facilitation of Public Participation/Consultation (including meetings) and Compilation of Environmental Assessment Report & Environmental Management Plan
<b>Phase 1:</b>  <b>Phase 3:</b> D8	<b>Name of Assignment or Project:</b> Environmental Assessment and Management Plan for the Proposed Solid Waste Dumpsite  <b>Year:</b> April 2022 - February 2023 <b>Location:</b> Oniipa, Oshikoto <b>Client:</b> Oniipa Town Council (free offer by EDS)

	<p><b>Main project features:</b> Undertaking the EA process, public consultation &amp; engagement facilitation, compilation of ECC applications, EIA Report and EMP</p> <p><b>Position:</b> Lead Environmental Assessment Practitioner</p> <p><b>Activities performed:</b> Project Management, Site visit &amp; Assessment, Facilitation of Public Participation/Consultation (including meetings) and Compilation of Environmental Assessment Report &amp; Environmental Management Plan.</p>
<p><b>Phase 1:</b>  <b>Phase 3:</b> <b>D8</b></p>	<p><b>Name of Assignment or Project:</b> Environmental Assessment and Management Plan for Existing ELCIN Cemetery</p> <p><b>Year:</b> April 2022 - February 2023</p> <p><b>Location:</b> Omuthiya, Oshikoto</p> <p><b>Client:</b> Omuthiya Town Council (free offer by EDS)</p> <p><b>Main project features:</b> Undertaking the EA process, public consultation &amp; engagement facilitation, compilation of ECC applications, EIA Report and EMP</p> <p><b>Position:</b> Lead Environmental Assessment Practitioner</p> <p><b>Activities performed:</b> Project Management, Site visit &amp; Assessment, Facilitation of Public Participation/Consultation (including meetings) and Compilation of Environmental Assessment Report &amp; Environmental Management Plan.</p>
<p><b>Phase 1:</b>  <b>Phase 3:</b> <b>D8</b></p>	<p><b>Name of Assignment or Project:</b> Environmental Assessment and Management Plan for Existing Sand Mining Borrow Pits</p> <p><b>Year:</b> April 2022 - February 2023</p> <p><b>Location:</b> Otjiwarongo, Otjozondjupa</p> <p><b>Client:</b> Municipality of Otjiwarongo (free offer by EDS)</p> <p><b>Main project features:</b> Undertaking the EA process, public consultation &amp; engagement facilitation, compilation of ECC applications, EIA Report and EMP</p> <p><b>Position:</b> Lead Environmental Assessment Practitioner</p> <p><b>Activities performed:</b> Project Management, Site visit &amp; Assessment, Facilitation of Public Participation/Consultation (including meetings) and Compilation of Environmental Assessment Report &amp; Environmental Management Plan.</p>

<b>Phase 1:</b>  <b>Phase 3:</b> <b>D8</b>	<p><b>Name of Assignment or Project:</b> Environmental Assessment and Management Plan for Proposed &amp; Existing Cemeteries</p> <p><b>Year:</b> April 2022 - January 2023</p> <p><b>Location:</b> Oranjemund, Karas</p> <p><b>Client:</b> Oranjemund Town Council (free offer by EDS)</p> <p><b>Main project features:</b> Undertaking the EA process, public consultation &amp; engagement facilitation, compilation of ECC applications, EIA Report and EMP</p> <p><b>Position:</b> Lead Environmental Assessment Practitioner</p> <p><b>Activities performed:</b> Project Management, Site visit &amp; Assessment, Facilitation of Public Participation/Consultation (including meetings) and Compilation of Environmental Assessment Report &amp; Environmental Management Plan.</p>
<b>Phase 1:</b>  <b>Phase 3:</b> <b>D8</b>	<p><b>Name of Assignment or Project:</b> Environmental Assessment and Management Plan for Existing Effluent / Wastewater Treatment Plant</p> <p><b>Year:</b> April 2022 - January 2023</p> <p><b>Location:</b> Lüderitz, Karas</p> <p><b>Client:</b> Lüderitz Town Council (free offer by EDS)</p> <p><b>Main project features:</b> Undertaking the EA process, public consultation &amp; engagement facilitation, compilation of ECC applications, EIA Report and EMP</p> <p><b>Position:</b> Lead Environmental Assessment Practitioner</p> <p><b>Activities performed:</b> Project Management, Site visit &amp; Assessment, Facilitation of Public Participation/Consultation (including meetings) and Compilation of Environmental Assessment Report &amp; Environmental Management Plan.</p>
<b>Phase 1:</b>  <b>Phase 3:</b> <b>D8</b>	<p><b>Name of Assignment or Project:</b> Environmental Assessment and Management Plan for Existing Dumpsite</p> <p><b>Year:</b> April 2022 - January 2023</p> <p><b>Location:</b> Rehoboth, Hardap</p> <p><b>Client:</b> Rehoboth Town Council (free offer by EDS)</p> <p><b>Main project features:</b> Undertaking the EA process, public consultation &amp; engagement facilitation, compilation of ECC applications, EIA Report and EMP</p>

	<p><b>Position:</b> Lead Environmental Assessment Practitioner</p> <p><b>Activities performed:</b> Project Management, Site visit &amp; Assessment, Facilitation of Public Participation/Consultation (including meetings) and Compilation of Environmental Assessment Report &amp; Environmental Management Plan.</p>
<p><b>Phase 1:</b>  <b>Phase 3:</b> <b>D8</b></p>	<p><b>Name of Assignment or Project:</b> Environmental Assessment and Management Plan for the for the Programme to provide acceptable and affordable sanitation solutions in the informal settlements of Windhoek</p> <p><b>Year:</b> May 2021 - June 2022</p> <p><b>Location:</b> Windhoek, Khomas</p> <p><b>Client:</b> The United Nations Children's Fund (UNICEF)</p> <p><b>Main project features:</b> Undertaking the EA process, public consultation &amp; engagement facilitation, compilation of ECC applications, EIA Report and EMP</p> <p><b>Position:</b> Lead Environmental Assessment Practitioner</p> <p><b>Activities performed:</b> Project Management, Site visit &amp; Assessment, Facilitation of Public Participation/Consultation (including meetings) and Compilation of Environmental Assessment Report &amp; Environmental Management Plan.</p>
	<p><b>Name of Assignment or Project:</b> Strategic Environmental Assessment (SEA) for the City of Windhoek</p> <p><b>Year:</b> July 2020 - May 2023</p> <p><b>Location:</b> Windhoek, Khomas</p> <p><b>Client:</b> Windhoek Municipality Council</p> <p><b>Main project features:</b> Undertaking the SEA process, public consultation &amp; engagement facilitation, SEA Report and SEMP</p> <p><b>Position:</b> Water Specialist</p> <p><b>Activities performed:</b> Project Management, Sites visit &amp; Assessment, Facilitation of Public Participation/Consultation (including meetings) and Compilation of Strategic Environmental Assessment Report &amp; Strategic Environmental Management Plan.</p>

<b>Phase 1:</b>  <b>Phase 3:</b> D8	<p><b>Name of Assignment or Project:</b> Environmental Assessment and Management Plan for the Construction and Operation of four oxidation ponds in the Tses Village, //Karas Region</p> <p><b>Year:</b> Oct 2020 - Jan 2021</p> <p><b>Location:</b> Tses, //Karas Region</p> <p><b>Client:</b> Dunamis Project Managers &amp; Consulting Engineers (Pty) Ltd</p> <p><b>Main project features:</b> Undertaking the EA process, public consultation &amp; engagement facilitation, compilation of ECC applications, EIA Report and EMP</p> <p><b>Position:</b> Lead Environmental Assessment Practitioner</p> <p><b>Activities performed:</b> Project Management, Site visit &amp; Assessment, Facilitation of Public Participation/Consultation (including meetings) and Compilation of Environmental Assessment Report &amp; Environmental Management Plan</p>
<b>Phase 1:</b>  <b>Phase 3:</b> D8	<p><b>Name of assignment or project:</b> Namibia Water Sector Support Program (NWSSP) Phase 1: Strategic Environmental and Social Assessment (SESA) / Environmental and Social Management Framework (ESMF)</p> <p><b>Year:</b> Aug 2019 – Nov 2019</p> <p><b>Location:</b> In all the 14 Regions of Namibia (the Rundu Scheme extension forms part of the AfDB funded project in this phase)</p> <p><b>Client:</b> African Development Bank Group (AfDB) with the Ministry of Agriculture, Water and Land Reform (MAWLR)</p> <p><b>Main project features:</b> Risk Assessment: Environmental and Social Assessment for the Water Supply and Sanitation Facilities</p> <p><b>Position held:</b> Environmental and Water Resources Consultant</p> <p><b>Activities performed:</b> Baseline Water Resources &amp; Environmental Assessment, Compilation of the Scoping &amp; SESA Report and Framework, Key Stakeholders Engagement, and Internal Documents Review</p> <p><b>Some of the project documents are available here</b>  <a href="https://www.afdb.org/sites/default/files/documents/environmental-and-social-">https://www.afdb.org/sites/default/files/documents/environmental-and-social-</a></p>

	<p><a href="assessments/namibia_water_sector_support_program_nwssp_phase_1_esmf_p-na-e00-005.pdf">assessments/namibia_water_sector_support_program_nwssp_phase_1_esmf_p-na-e00-005.pdf</a></p> <p><a href="https://www.afdb.org/en/documents/namibia-namibia-water-sector-support-program-nwssp-p-na-e00-005-summary-esmf">https://www.afdb.org/en/documents/namibia-namibia-water-sector-support-program-nwssp-p-na-e00-005-summary-esmf</a></p>
<b>Phase 1:</b>  <b>Phase 3:</b>  <b>D8</b>	<p><b>Name of Assignment or Project:</b> Environmental Assessment and Management Plan for the Construction and Operation of a Wastewater Treatment Facility for Linus Shashipapo Senior Secondary School, Kavango East Region</p> <p><b>Year:</b> Jul 2019 - Sep 2019</p> <p><b>Location:</b> Tses, //Karas Region</p> <p><b>Client:</b> Dunamis Project Managers &amp; Consulting Engineers (Pty) Ltd</p> <p><b>Main project features:</b> Undertaking the EA process, public consultation &amp; engagement facilitation, compilation of ECC applications, EIA Report and EMP</p> <p><b>Position:</b> Lead Environmental Assessment Practitioner</p> <p><b>Activities performed:</b> Project Management, Site visit &amp; Assessment, Facilitation of Public Participation/Consultation (including meetings) and Compilation of Environmental Assessment Report &amp; Environmental Management Plan</p>
<b>Phase 1:</b>  <b>Phase 3:</b>  <b>D8</b>	<p><b>Name of assignment or project:</b> Desktop Geohydrological Assessment (DGA) as part of the Environmental Impact Assessments (EIA) for the Proposed Eco-Friendly Seawater Desalination Plant</p> <p><b>Year:</b> Dec 2019 to Jan 2020</p> <p><b>Location:</b> Henties Bay, Erongo Region - Namibia</p> <p><b>Client:</b> Namib Eden Trading CC (Direct Client)</p> <p><b>Main project features:</b> Assessment of potential project impacts on surrounding water resources (groundwater aquifers)</p> <p><b>Position held:</b> Water Resources Consultant</p> <p><b>Activities performed:</b> Desktop Study and Compilation of the Water Impact Resources Report</p>
<b>Phase 1:</b>	<p><b>Name of assignment or project:</b> Environmental Assessment and Management Plan (EMP) for the construction and operation of 33kV power</p>

<b>Phase 3:</b> <b>D8</b>	<p><b>distribution line between Maroelaboom and Mangetti Dune, Otjozondjupa Region, Namibia</b></p> <p><b>Year:</b> Sep 2020 – Nov 2020</p> <p><b>Location:</b> Otjozondjupa Region - Namibia</p> <p><b>Client:</b> Central North Regional Electricity Distributor Pty Ltd (CENORED)</p> <p><b>Main project features:</b> Infrastructure (energy distribution) development, ECC Application, Compilation of the Environmental Assessment Report and EMP</p> <p><b>Position held:</b> Lead Environmental Assessment Practitioner</p> <p><b>Activities performed:</b> Project Management, Site visit &amp; Assessment, Facilitation of Public Participation and Compilation of Environmental Assessment Report &amp; Environmental Management Plan</p>
<b>Phase 1:</b> <b>Phase 3:</b> <b>D8</b>	<p><b>Name of assignment or project:</b> Desktop Geohydrological Assessment (DGA): Proposed Groundwater Abstraction for Agricultural activities along the Orange River between Oranjemund (Namdeb Mining area) and Rosh Pinah in the Oranjemund Constituency, //Karas Region)</p> <p><b>Year:</b> 2020</p> <p><b>Location:</b> Rosh Pinah / Oranjemund, //Karas Region - Namibia</p> <p><b>Client:</b> KPM Environmental Consulting for Oranjemund Constituency Office</p> <p><b>Main project features:</b> Water Resource Availability for Irrigation/Agricultural activities between the two Mining Towns</p> <p><b>Position held:</b> Hydrogeologist (specialist)</p> <p><b>Activities performed:</b> Baseline Geohydrological Assessment, Data Analysis, Compilation of the Report and adding inputs into the project' EMP</p>
<b>Phase 1:</b> <b>Phase 3:</b> <b>D8</b>	<p><b>Name of assignment or project:</b> Groundwater Assessments as part of two Environmental and Social Impact Assessments (ESIAs) for the Proposed Pilot Desalination Plants in Bethanie Town and Grünau Settlement in the //Karas Region</p> <p><b>Year:</b> 2019</p> <p><b>Location:</b> Bethanie and Grünau, //Karas Region - Namibia</p> <p><b>Client:</b> NamWater (under KPM Environmental Consulting)</p>

	<p><b>Main project features:</b> Assessment of potential project impacts by desalination plant facilities on local groundwater resources (aquifers)</p> <p><b>Position held:</b> Specialist – Hydrogeologist</p> <p><b>Activities performed:</b> Baseline Geohydrological Assessment, Data Analysis and Compilation</p>
<p><b>Phase 1:</b>   <b>Phase 3:</b>  <b>D8</b></p>	<p><b>Name of assignment or project:</b> Hydrogeochemical Data Management for the Kladno District Project in the Central Bohemian Region, Czech Republic</p> <p><b>Year:</b> 2020</p> <p><b>Location:</b> Kladno District, Central Bohemian Region – Czech Republic</p> <p><b>Client:</b> Green Gas DPB a.s under VSB-TU Ostrava projects</p> <p><b>Main project features:</b> Groundwater Data Analysis</p> <p><b>Position held:</b> Groundwater Consultant / Assistant</p> <p><b>Activities performed:</b> Groundwater and soil chemistry Data Analysis in Preparation for Reporting &amp; Database entry.</p>
<p><b>Phase 1:</b>   <b>Phase 3:</b>  <b>D8</b></p>	<p><b>Name of assignment or project:</b> Desktop Water Resources Assessments as part of the two Environmental Impact Assessments (EIAs) for the Embankment of Muzii and Nankuntwe Combined School Platforms in the Zambezi Region</p> <p><b>Year:</b> May 2020 – Jun 2020</p> <p><b>Location:</b> Muzii and Nankuntwe Schools, Zambezi Region, Namibia</p> <p><b>Client:</b> I.N.K Enviro Consultants CC for the Zambezi Regional Council</p> <p><b>Main project features:</b> Water Resources impact assessment for the platforms' establishment</p> <p><b>Position held:</b> Groundwater Consultant / Assistant</p> <p><b>Activities performed:</b> Baseline Assessment of surface &amp; groundwater resources and Compilation of Water Resources Risk Assessment Reports</p>
<p><b>Phase 1:</b>   <b>Phase 3:</b>  <b>D8</b></p>	<p><b>Name of assignment or project:</b> Environmental and Water Resources Assessments for the proposed piggery establishment in Oshikondilongo Village, Oshana Region</p> <p><b>Year:</b> November 2018 – February 2019</p>

	<p><b>Location:</b> Okatjali Constituency, Oshana</p> <p><b>Client:</b> Namibia Correctional Service</p> <p><b>Main project features:</b> Environment and Water Resources impact assessment</p> <p><b>Position held:</b> Groundwater Consultant / EIA Assistant</p> <p><b>Activities performed:</b> Environmental Assessment, Report and EMP, Compilation of the groundwater Impact Assessment Report, Specialist input into the Environmental Management Plan</p>
<p><b>Phase 1:</b></p> <p><b>Phase 3:</b> D8</p>	<p><b>Name of assignment or project:</b> Hydrogeological Assessment for the Expansion of Tsumeb Smelter Monitoring network (new boreholes)</p> <p><b>Year:</b> 2019</p> <p><b>Location:</b> Tsumeb, Oshikoto</p> <p><b>Client:</b> Dundee Precious Metals Tsumeb (DPMT)</p> <p><b>Main project features:</b> Hydrogeological Study for the Expansion of Tsumeb Smelter boreholes monitoring network</p> <p><b>Position held:</b> Groundwater Consultant</p> <p><b>Activities performed:</b> Borehole siting (geophysical survey), Drilling &amp; borehole construction supervision&amp; data analysis</p>
<p><b>Phase 1:</b></p> <p><b>Phase 3:</b> D8</p>	<p><b>Name of assignment or project:</b> Geohydrological Investigation of the Groundwater Resources at Outjo and the Possible Impact of the Development of 60 New Residential Plots in the Kunene Region, Namibia</p> <p><b>Year:</b> September 2016 – October 2016</p> <p><b>Location:</b> Outjo, Kunene</p> <p><b>Client:</b> Outjo Municipality</p> <p><b>Main project features:</b> Groundwater Resources investigation for water supply</p> <p><b>Position held:</b> Groundwater Consultant</p> <p><b>Activities performed:</b> Baseline Assessment of surface &amp; groundwater resources and Compilation of Water Resources Risk Assessment Reports</p>

<b>Phase 1:</b>  <b>Phase 3:</b> <b>D8</b>	<b>Name of assignment or project:</b> Geotechnical Investigation of the proposed new Tsumeb Minewaste and Tailings Facility in the Oshikoto Region, Namibia  <b>Year:</b> February 2016 – May 2016  <b>Location:</b> Tsumeb, Oshikoto  <b>Client:</b> Dundee Precious Metals Tsumeb (DPMT)  <b>Main project features:</b> Geotechnical and groundwater investigation and drilling supervision  <b>Position held:</b> Groundwater Consultant  <b>Activities performed:</b> Borehole & Test pit Logging, Geological mapping, Supervision of geotechnical borehole drilling and test pit excavation
<b>Phase 1:</b>  <b>Phase 3:</b> <b>D8</b>	<b>Name of assignment or project:</b> Groundwater Monitoring and Sampling for Dundee Precious Metals in Tsumeb (from 2015 to 2017) in the Oshikoto Region, Namibia  <b>Year:</b> February 2015 to November 2017 (long term monthly monitoring)  <b>Location:</b> Tsumeb, Oshikoto  <b>Client:</b> Dundee Precious Metals Tsumeb (DPMT)  <b>Main project features:</b> Hydrogeological investigation and Boreholes monitoring  <b>Position held:</b> Groundwater Consultant  <b>Activities performed:</b> Hydrocensus, Borehole profiling and Data analysis
<b>Phase 1:</b>  <b>Phase 3:</b> <b>D8</b>	<b>Name of assignment or project:</b> Skorpion Zinc Mine Closure Plan in the //Karas Region, Namibia  <b>Year:</b> June 2015 – August 2015  <b>Location:</b> Roshpina, Karas  <b>Client:</b> Skorpion Zinc Pty Ltd  <b>Main project features:</b> Mine Closure Plan drafting  <b>Position held:</b> Assistant Practitioner  <b>Activities performed:</b> Compilation of Mine Closure Report, Geochemical and Groundwater input, Integrating specialists' inputs in EIA report

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<b>CERTIFICATION</b>		
<p>I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available, as and when necessary, to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client, and/or sanctions by the Bank.</p>		
Fredrika Ndeutala Shagama		07/07/2023
Name of Expert	Signature	Date
Abel Mashoko		07/07/2023
Name of Authorised Representative of the Consultant	Signature	Date