

# **Appendix A    Curricula Vitae of the SLR ESIA Project Team**

**ESIA for Well Drilling in Licence Block 2914A, Orange  
Basin, off the Coast of Southern Namibia**

**Final Environmental and Social Impact Assessment Report**

**Rhino Resources Ltd**

SLR Project No.: 713.000016.00001



Sue has more than 19 years of experience in the environmental assessment sector. Her core expertise includes Environmental Impact Assessment (EIA / ESIA), including IFC / PS compliant processes, strategic assessments and spatial planning. She has managed complex projects in South Africa, Southern and West Africa, South America, the Middle East and Asia for a range of sectors, including mining, infrastructure, industrial and coastal developments, renewable and conventional power generation, aquaculture and oil and gas.

Sue has expertise in Environmental and Social Due Diligence (ESDD) reviews against Good International Industry Practice (GIIP) and acting as the Independent Environmental and Social Consultant (IESC) for Lenders on projects in Africa and the Middle East.

Sue also undertakes economic and socio-economic impact assessments since 2006 for a range of projects, including renewable energy, infrastructure and mine (closure) projects in South Africa, Africa, South America and Asia.

Sue undertakes and reviews visual impact assessments since 2006 for a range of developments, including infrastructure, mining and alternative energy projects in South Africa and Africa.

## Education

- MPhil Environmental Management, University of Cape Town (2004)
- BSc (Hons) Economics, University College London (2001)

## Project Experience

### Environmental (and Social) Impact Assessments (EIAs / ESIAs)

#### DWOB Seismic EIA (2023)

ESIA for 2D and 3D seismic surveys proposed by TotalEnergies in the Deep Water Orange Basin (DWOB) Block off the West Coast, South Africa.

#### CGG Seismic EIA (2023)

EIA for 3D seismic survey proposed by CGG in the Algoa Block off the South Coast, South Africa (Project Director).

#### PWRI EMMP (2022)

Environmental Management and Monitoring Plan (EMMP), including Limited ESIA, for the Staatsolie Maatschappij Suriname Produced Water Re-injection (PWRI) project in the Tambaredjo, Tambaredjo North West and Calcutta oilfields, Suriname.

#### Stilfontein SEFs EIA (2022)

18 EIAs for the proposed Mainstream Renewable Power 1 350 MW Stilfontein SEF Cluster, South Africa.

#### Tormin Mine Expansion EIA (2021)

EIA for the proposed inland expansion of the Mineral Sand Resources Tormin Mine on the West Coast (on hold since 2022), South Africa.

#### De Punt Baseline (2021-2022)

Baseline of De Punt for Mineral Sand Resources, South Africa.

#### STF Site Selection Screening (2019-2020)

Screening study to provide environmental input into the site selection process for the Sand Tailings Facility (STF) and the preferred In-Pit Residue Storage Facility (RSF) for the Tronox Mineral Sands Namakwa Sands East Mine Orange Feldspathic Sands (East OFS) Project, West Coast, South Africa.

#### RSF 6 and STF EIA (2019-2020)

EIA for proposed construction and operation of an In-Pit Residue Storage Facility (RSF 6) and Sand Tailings Facility (STF) for the Tronox Mineral Sands Namakwa Sands East Mine Orange Feldspathic Sands (East OFS) Project, West Coast, South Africa.

#### Cyclic Steam Stimulation EMMP (2019-2020)

Environmental Management and Monitoring Plan (EMMP), including impact assessment, for the Staatsolie Maatschappij Suriname Cyclic Steam Stimulation (CSS) Enhanced Oil Recovery (EOR) project in the Tambaredjo oil field, Suriname.

#### Polymer Flooding EMMP (2019)

Environmental Management and Monitoring Plan (EMMP), including impact assessment, for the Staatsolie Maatschappij Suriname Polymer Flooding Enhanced Oil Recovery (EOR) project in the Tambaredjo oil field, Suriname.

#### Suriname River Dredging Project (2019)

ESIA update for the Maritime Authority Suriname (MAS) Suriname River Dredging Project (SRDP), Suriname.

#### Staatsolie HFO Power Plant (2018-2019)

ESIA for the construction of a new Staatsolie Maatschappij Suriname 36 MW HFO-fuelled power plant in the Saramacca District, Suriname.

#### ER Orange Deep West (2018)

EIA for Exploration Right Application for Sezigyn Offshore Block Orange Deep West, West Coast, South Africa.

#### ER Block 3B (2018)

EIA for Exploration Right Application for Ricocure Offshore Block 3B, West Coast, South Africa.

#### ER Mid-Orange Basin (2018)

EIA for Exploration Right Application for Sezigyn Offshore Mid-Orange Basin, West Coast, South Africa.

#### Tormin s24G (2018-2019)

Section 24G Application to apply for rectification of an unlawful activity for Mineral Sands Resources, South Africa.

#### KPEP Hydropower (2018)

Initial Environmental and Social Screening Assessment of the Joule Africa KPEP Hydropower Project, Cameroon.

**Orange Deep Basin Seismic (2017)**

EIA for proposed Impact Oil and Gas 2D and/or 3D Seismic Survey in the Orange Deep Basin, South Africa.

**Vissershok North Landfill WML (2017-2018)**

EIA in support of a Waste Management Licence application for the operation of the City of Cape Town Vissershok North Landfill, South Africa.

**Pletmos Seismic (2016-2018)**

EIA for proposed Sungu Sungu 3D seismic survey in the offshore Pletmos Basin, South Coast, South Africa.

**Tormin Mine Expansion (2016-2017)**

EIA for the Mineral Sand Resources Tormin Coastal Mine Expansion, Western Cape, South Africa.

**Saldanha Aquaculture Development Zone (2016-2018)**

Project Definition and EIA for a proposed Aquaculture Development Zone (ADZ) in Saldanha Bay for the Department of Agriculture, Forestry and Fisheries (DAFF), South Africa.

**R310 Upgrade EA Amendment (2015-2019)**

Environmental Authorisation Amendment Application process for a section of the R310 upgrade at Spier for the Provincial Government Western Cape, South Africa.

**Port of Saldanha Substations EIA (2015-2016)**

EIA for the construction of additional substations, transmission infrastructures and area lighting masts near the Port of Saldanha for Transnet Capital Projects, South Africa.

**Fuel transportation ESIA Liberia (2015-2016)**

ESIA to IFC standards for the transportation and storage of fuel by Simo Petroleum (suspended in 2016), Liberia.

**Fuel transportation ESIA Guinea (2015-2016)**

ESIA to IFC standards for the transportation and storage of fuel by Simo Petroleum near Nimba (suspended in 2016), Guinea.

**Hermanus CBD Bypass EIA (2014-2023)**

EIA for the construction of a bypass in Hermanus by the Provincial Government Western Cape, South Africa.

**Lucky Star s24G (2015-2016)**

Section 24G Application and Environmental Impact Assessment to apply for rectification of an unlawful activity at the St. Helena Bay Lucky Star facility, South Africa.

**Nimba CIA (2014-2015)**

Cumulative Impact Assessment for the Sable Mining / West Africa Explorations (WAE) Nimba iron ore mine (suspended in 2015), Guinea.

**Slent Road Upgrade (2013-2015)**

EIA (Basic Assessment) and Water Use Authorisation for the proposed upgrade of a portion of Slent Road in the City of Cape Town for Hatch Goba, South Africa.

**SOOC Landing Sites (2013)**

ESIA and EMP for terrestrial aspects of the four landing sites of the Sonangol Offshore Optical Cable (SOOC), Angola.

**Maersk 3D Seismic (2013)**

ESIA and EMP for a 3D seismic survey in an offshore oil concession area for Maersk Oil Angola, Angola.

**Fishmeal Plant AEL Renewal (2013)**

Review and Public Participation for the AEL renewal for Lucky Star's fishmeal plant in St. Helena Bay, South Africa.

**EBS HFO Power Plant ESIA (2013-2014)**

ESIA and EMMP for the construction of a new N.V. Energiebedrijven Suriname (EBS) 84 MW power plant in Paramaribo, Suriname.

**Block 16 Prospect Well Drilling (2012-2013)**

ESIA and EMP for prospect drilling of 6 wells in offshore Block 16 by Maersk Oil Angola, Angola.

**WesternGeco 3D Seismic (2012)**

ESIA and EMP for a 3D seismic survey in an offshore oil concession area by WesternGeco, Angola.

**Specialty Metals Scoping Study (2012-2014)**

Scoping study, including applications for AEL and WML, for construction of Rare Metals Industries' specialty metals production complex, Saldanha, South Africa.

**WesternGeco 3D Seismic (2012)**

ESIA and EMP for a 3D seismic survey in an offshore oil concession area by WesternGeco, Angola.

**HFO Power Plant Expansion (2012-2013)**

Rapid Environmental Assessment and EMP for expansion of the Staatsolie Maatschappij Suriname Saramacca Power Plant from 14 MW to 28 MW, Suriname.

**Saldanha Terminal OEMP (2012)**

Operational EMP for the Transnet Port Terminals (TPT) Saldanha Terminal, including the Break Bulk and Bulk Terminals, South Africa.

**R45 Road Completion EIA (2012-2016)**

EIA and EMP for the proposed completion of the R45 road corridor near Malmesbury for AECOM (Pty) Ltd on behalf of Western Cape Department of Transport and Public Works in the Western Cape, South Africa.

**Annandale Road Upgrade (2011)**

EIA (Basic Assessment) and EMP for proposed upgrade of Annandale Road, Stellenbosch by the Provincial Government Western Cape, South Africa.

**Pipeline EIA (2011-2012)**

EIA and EMP for proposed construction of Staatsolie Maatschappij Suriname diesel, gasoline and LGP pipelines, Suriname.

**Fishmeal Plant EIA (2011-2015)**

EIA, incl. EMP and applications for AEL and CWDP, for proposed re-establishment of Premier Fishing fishmeal plant in Saldanha, South Africa

**Block 20 Seismic Survey (2010)**

EIA and EMP for proposed WesternGeco offshore 3D seismic survey of concession Block 20, Angola.

**Block 19 Seismic Survey (2010)**

EIA and EMP for proposed WesternGeco offshore 3D seismic survey of concession Block 19, Angola, 2010.

**MR168 Upgrade (2009-2012)**

EIA and EMP for upgrade of Main Road 168 through Stellenbosch Wine Route, Stellenbosch by Provincial Government Western Cape, South Africa.

**Port of Saldanha BA (2009-2010)**

Basic Assessment and EMP to inform Transnet AEL application at the Port of Saldanha, South Africa.

**Corantijn River Dredging EIA (2007-2008)**

Environmental and Social Impact Assessment of BHP Billiton dredging operations at the Corantijn River, Suriname.

**Port of Saldanha Iron Ore Terminal EIA (2007-2008)**

EIA of proposed expansion of Transnet's Iron Ore Terminal at Port of Saldanha, South Africa.

**Bauxite Transportation EIA (2006-2008)**

Project Consultant and Logistics Coordinator for the ESIA of bauxite transport options from proposed BHP Billiton Bakhuis mine to the refinery, Suriname.

**Port of Cape Town Berth Deepening EIA (2006-2007)**

EIA and EMP for the deepening of Transnet's Ben Schoeman Dock at the Port of Cape Town, South Africa.

**MR108 Upgrade EIA (2006-2007)**

EIA and EMP for the proposed upgrade of Main Road 108 in Gordon's Bay by the Provincial Government Western Cape, South Africa.

**Nassau IER (2006)**

Initial Environmental Review of BHP Billiton Phase 1 bauxite exploration activities in Nassau Mountains, Suriname.

**Bakhuis Bauxite Mine ESIA (2005-2008)**

Project Consultant and Logistics Coordinator for the ESIA and EMP of BHP Billiton's proposed Bakhuis bauxite mine, Suriname.

**TR2 Upgrade EIA (2005-2006)**

EIA and EMP for the proposed upgrade of Trunk Road 2 in Somerset West by the Provincial Government Western Cape, South Africa.

**Economic and Social Assessments (SIAs)**

**Hanover SEF and WEF SIAs (2022-2023)**

Social impact assessments for several Mainstream Hanover Cluster Wind Energy Facilities (WEFs) and Solar Energy Facilities (SEFs), Northern Cape, South Africa.

**Genesis SEF and WEF SIAs (2022-2023)**

Social impact assessments for nine GEED Wind Energy Facilities (WEFs) and Solar Energy Facilities (SEFs) near Beaufort West, Western Cape, South Africa.

**ARM GISTM (2022)**

Economic specialist for social, environmental, local economic, human rights and climate change assessment as per the requirements of the Global Industry Standard on Tailings Management (GISTM) for the Modikwa Platinum, Nkomati Nickel, Two Rivers Platinum and Bokoni Platinum operations, South Africa

**Ingwe WEF SIAs (2022-2023)**

Social impact assessments for six ABO Wind Ingwe Wind Energy Facilities (WEFs) and Photovoltaic (PV) Facilities, Eastern Cape, South Africa

**Stilfontein SEF SIAs (2022)**

Social impact assessments for nine Mainstream Renewable Power Stilfontein Cluster Solar Energy Facilities (SEFs) and associated infrastructure, North-West Province, South Africa

**Mine Closure Strategy (2020-2021)**

Development of a socio-economic closure strategy for a Confidential Mine in Mozambique

**Kwagga WEF SIAs (2020-2021)**

Social impact assessment for three ABO Wind Kwagga WEFs, Western Cape, South Africa

**Papenkuils Wetland Valuation (2020-2021)**

Consultant on the Ecosystem Services Assessment and Valuation of the Papenkuils Wetland for the Department of Environmental Affairs and Development Planning (DEA&DP), South Africa

**Kappa – Sterrekus transmission line screening (2020)**

Socio-economic screening and baseline compilation to inform the selection of the preferred Eskom Kappa – Sterrekus transmission line corridor, South Africa

**Kayamandi SIA (2020)**

Socio-economic impact assessment for a bulk water pipeline through the Kayamandi informal settlement near Stellenbosch, South Africa

**Kumtor Gold Mine Closure Plan (2019)**

Input into and review of economic impact assessment for the Centerra Gold Kumtor Gold Mine Conceptual Closure Plan Update, Kyrgyzstan

**N3 Upgrade SIA (2019)**

Social Impact Assessment for the SANRAL upgrade of National Road 3 Section 3 in Pietermaritzburg, South Africa

**Dish Mountain (2018-2019)**

Economic specialist study for the Allied Gold Corp Dish Mountain Gold Project (suspended in Dec 2019), Ethiopia

**SRL Mine (2018)**

Economic input into the Sierra Rutile Limited (SRL) Area 1 Mine Environmental, Social and Health Impact Assessment, Sierra Leone

**Chapman's Peak Estate SIA (2017)**

Update of socio-economic impact assessment for proposed Serina Kaolin Chapman's Peak Estate, South Africa

**EACOP (2016-2017)**

Economic specialist component of three socio-economic impact assessments conducted by RSK for the East African Crude Oil Pipeline (EACOP), Uganda and Tanzania

**Generation Fleet Renewal (2016-2017)**

Economic input into socio-economic study for Eskom Generation Fleet Renewal Project, South Africa

**Doringbaai Abalone Farm SIA (2016)**

Socio-economic impact assessment for Tronox Mineral Sands for the Doringbaai Abalone Farm, West Coast, South Africa

**Hermanus CBD Bypass SIA (2016)**

Socio-economic impact assessment for the Hermanus CBD Bypass Project by the Provincial Government Western Cape, South Africa

**River Club SIA (2016-2017)**

Socio-economic impact assessment for the redevelopment of the River Club, South Africa

**CTIA Runway Realignment (2014-2016)**

Socio-economic baseline study and Spatial Analysis for proposed runway realignment at Cape Town International Airport for Airports Company South Africa (ACSA), South Africa

**Songololo Cement Project (2013-2014)**

Update of the socio-economic assessment in the ESIA and ESMP for the PPC Barnet Songololo cement plant and quarry in Bas Congo Province to ensure compliance of the documents with IFC standards and other lender requirements, Bas Congo Province, Democratic Republic of Congo

**Nyumba Ya Akiba Cement Project (2013)**

Update of the socio-economic assessment in the ESIA and EMP for the Nyumba Ya Akiba cement plant in Bas Congo Province to ensure compliance of the documents with IFC standards and other lender requirements, Bas Congo Province, Democratic Republic of Congo

**Sasol Mine SIA (2013)**

Socio-economic specialist study for proposed Sasol mine development in Limpopo, South Africa

**Copper Mine SIA (2012)**

Socio-economic specialist study for proposed FCX / PDG copper mine, Democratic Republic of Congo

**Victoria West SEF SIA (2012)**

Socio-economic specialist study for proposed AF-ROM Energy 75 MW solar farm near Victoria West, Northern Cape, South Africa

**Craddock SEF SIA (2012)**

Socio-economic specialist study for proposed AF-ROM Energy 75 MW solar farm near Craddock, Eastern Cape, South Africa

**CRP (2012)**

Community Relations Plan (CRP) for communities potentially affected by the Staatsolie Maatschappij Suriname refinery expansion, Suriname

**EconIA Review (2010)**

Input into review of Economic Impact Assessment, Pakistan

**Courtrai SIA (2009-2010)**

Social Impact Assessment of proposed new Courtrai Developments retirement village and resettlement near Paarl, South Africa

**Refinery Expansion SIA (2009)**

Social Impact Assessment of proposed Staatsolie oil refinery expansion, Wanica Province, Suriname

**Dredging EconIA (2008)**

Economic Impact Assessment of proposed BHP Billiton dredging operations, Suriname

**Bauxite Transport EconIA (2006-2007)**

Economic Impact Assessment of BHP Billiton's proposed new bauxite transport routes and alternatives, Suriname

**Bauxite Mining EconIA (2005-2007)**

Economic Impact Assessment of BHP Billiton's proposed new bauxite mine at Bakhuis, Suriname

**ESIA Reviews, Gap Analyses and Due Diligence (ESDD / IESC)**

**Trans Hex Mine Review (2023)**

Trans Hex, Review of beach and shore mining operations off the West Coast, South Africa

**Endeavour CPR (2021)**

Endeavour Mining, ESG input into Competent Persons Report (CPR) for Endeavour mining assets, Burkina Faso

**Environmental Regulatory Due Diligence (2020)**

Eramet Comilog Manganese, Limited Environmental Regulatory Due Diligence of a Heavy Mineral Sands Project, Northern Cape, South Africa

**Caculo Cabaca Hydropower Project ESDD (2019-2020)**

Voith Hydro, Environmental and Social Due Diligence (ESDD) of Caculo Cabaca Hydropower Project, Angola

**Zenzo Hydropower Project ESDD (2017)**

Voith Hydro, High-level Gap Analysis of the ESIA for the Zenzo Hydropower Project, Angola

**Koysha Hydropower Project Gap Analysis (2017)**

Voith Hydro, High-level Gap Analysis of the ESIA for the Koysha Hydroelectric Project, Ethiopia

**CCGT Power Plant IESC (2017-2022)**

Deutsche Bank, Annual reviews of compliance with Environmental and Social Action Plan (ESAP) of Be'er Tuvia Closed Cycle Gas Turbine Power Plant as the Lender's Independent Environmental and Social Consultant (IESC), Israel

**CCGT Power Plant ESDD (2016)**

Deutsche Bank, Environmental and Social Due Diligence (ESDD) of Be'er Tuvia Closed Cycle Gas Turbine Power Plant, Israel

**Lauca Hydropower Project IESC (2015-2022)**

HSBC, Annual reviews of compliance with Environmental and Social Action Plan (ESAP) during construction of the new 2 000 MW Lauca Hydropower Project as the Lender's Independent Environmental and Social Consultant (IESC), Angola

**Lauca Hydropower Project ESDD (2014)**

HSBC (initially Deutsche Bank), Environmental and Social Due Diligence (ESDD) of the proposed 2 000 MW Lauca Hydropower Project, Angola

**Chissonga Offshore EIS Review (2014)**

ARC / Maersk, Review of a Environmental Impact Study (EIS) for the Chissonga oil field development in offshore Block 16, Angola

**Cambambe Transmission Line EIS Review (2014)**

HSBC Bank plc, Review of Environmental Impact Study (EIS) undertaken for the Cambambe – Catete power transmission line, Angola

**Nimba Iron Ore Mine ESIA Review (2013-2014)**

Sable Mining / West Africa Explorations (WAE), Review of ESIA conducted for WAE's Nimba iron ore mine to determine compliance with GIIP and addressing of some of the identified gaps, Guinea

**Comide Copper Mine Gap Analysis (2012)**

Comide SPRL, Gap Analysis of EMP for Comide Copper Mine, including a review of the EMP and general environmental management on site, identification of gaps and recommendations to achieve Good International Industry Practice, Kolwezi, Democratic Republic of Congo

**Respond to Compliance Notice for Fishmeal Plant (2021-2022)**

Premier Fishing, Coordination of response to compliance notice, including Remediation Action Plan and Controlled Emitter documentation, South Africa

**Saldanha ADZ ECO Review (2019-2020)**

Department of Agriculture, Forestry and Fisheries (DAFF), ECO Reviewer for Saldanha Bay Aquaculture Development Zone (ADZ), South Africa

**SSR Updates (2016-2019)**

Eskom, Project coordination for the update of the Duynefontyn and Thyspunt Site Safety Reports (SSR), South Africa

**Determination of Pollution Potential (2014)**

Lucky Star, Determination of the pollution potential of effluent from Lucky Star's St Helena Bay cannery and fishmeal plant operations, South Africa

**Determination of Legal Requirements – Lobster Facility (2016)**

Premier Fishing, Investigation of legal requirements for Premier Fishing's Hout Bay Lobster Facility (particularly with regards to effluent discharge) and management of effluent monitoring programme, South Africa

**Determination of Legal Requirements – Oil Regeneration Plant (2015)**

Eskom, Investigation of legal requirements for Eskom Oil Regeneration Plant, Cape Town, South Africa

**Respond to Compliance Notice for Fishmeal Plant (2014)**

Lucky Star, Substantive investigation in response to the Notice of Intention to issue a compliance notice in terms of Section 31L of NEMA and/or a directive in terms of Section 28(4) of NEMA for the St. Helena Bay Fishmeal Plant, South Africa

**EIA Training (2014)**

National Institute for Environment and Development in Suriname (NIMOS), Introductory-level EIA training for consultants, Suriname

**Transmission Line Baselines (2011-2012)**

SRK US / Barrick, Compilation of Bird, Herpetology, Bat and Aquatic ecology baselines for transmission line corridors, Dominican Republic

**Cape Winelands EMF (2010-2012)**

Environmental Management Framework (EMF) for the District Municipality, South Africa

**City of Cape Town EMFs (2008-2009)**

Environmental Management Frameworks (EMFs) for seven Districts of the City of Cape Town, South Africa

**Western Cape SoER (2005-2006)**

State of the Environment Report (SoER) for the Western Cape Province, South Africa

**Knysna SoER (2004-2006)**

State of the Environment Report (SoER) for the Knysna Municipality, South Africa

## Memberships and Associations

- EAPASA - Registered Environmental Assessment Practitioner (EAP) (Registration Number 2020/425) with the Environmental Assessment Practitioners Association of South Africa (EAPASA)
- IAIAAsa - Member (Number 1399) of the International Association for Impact Assessment of South Africa (IAIASA)

## Publications

- Several publications, in Development Southern Africa and for JPMorgan.
- Interviews for numerous environmental and sustainability articles published in the press and sector specific journals since 2011, inter alia: Urban Green File, Mining World and Environmental Management and Civil Engineering.
- Guest lectures to UCT 4th year / post-graduate students on EIA/EMF since 2014.



Nicholas has over 16 years' experience in undertaking environmental assessment processes for various projects relating to the power, mining, oil & gas, road infrastructure, built environment and industrial sectors. He has been involved in a number of projects in South Africa and has experience working in the Democratic Republic of Congo (DRC), Zambia and Zimbabwe.

## Education

- BSc (Hons) Earth and Geographical Sciences (Environmental Management), University of Cape Town (2005)
- BSc Earth and Geographical Sciences and Zoology, University of Cape Town (2004)

## Project Experience

### Power

#### **South Africa Mainstream Renewable Power Developments (Pty) Ltd – Application to amend Environmental Authorisation for the Damlaagte and Ilikwa Photovoltaic Plants, Free State Province (2022)**

Applications to Amend Environmental Authorisation for the Damlaagte and Ilikwa Photovoltaic Plants, located in the Free State Province. Nicholas was the project manager and responsible for the compilation of amendment application and managed the appointed specialists.

#### **South Africa Mainstream Renewable Power Developments (Pty) Ltd – Proposed Scaffell Custer Photovoltaic Plants, Free State Province (2021 - 2022)**

Four separate EIA processes for the proposed construction of Photovoltaic Plants with a combined generating capacity of up to 475 MW, located in the Free State Province. Nicholas was the project manager and responsible for the compilation of the Scoping and EIA Reports (including EMP) for all projects, undertaking the required public participation processes and management of the appointed specialists.

#### **SolarReserve South Africa (Pty) Ltd – Proposed Kalkaar CSP and Photovoltaic Plants, Free State (2014 -2015)**

EIA process for the proposed construction of a Concentrated Solar Thermal Plant (CSP) and a Photovoltaic Plant, located in the Free State Province. Nicholas was the project manager and compiled of the Scoping and EIA Reports (including EMP) for both projects, undertook the required public participation process and managed the appointed specialists.

### Mining and Minerals

#### **Trans Hex Operations (Pty) Ltd – Update of Environmental Management Programme for Marine Diamond Mining in 11A, 12A, 13A and Corresponding Surf-Zone Concessions and Admiralty Strips (Current)**

Update of existing Environmental Management Programme (EMPr) for mining operations in 11A, 12A, 13A and corresponding surf-zone concessions and admiralty strips off the West Coast of South Africa. Nicholas is the project manager and is responsible for the compilation of the updated EMPr and management of the appointed specialists.

#### **De Beers Marine (Pty) Ltd – Basic Assessment for a Prospecting Right in Sea Areas 4C and 5C, West Coast, South Africa (Current)**

Basic Assessment process in support of a Prospecting Right application over Sea Areas 4C and 5C, off the West Coast of South Africa. Nicholas is the project manager and is responsible for the compilation of the Basic Assessment Report (BAR), undertaking of the required public participation process and management of the appointed specialists.

#### **Moonstone Diamond Marketing (Pty) Ltd – Prospecting Right Application in Sea Areas 11B and 13B, West Coast, South Africa (2022 - 2023)**

SLR was appointed to undertake the EIA phase of an application for Environmental Authorisation in support of Prospecting Right applications over Sea Areas 11B and 13B, off the West Coast of South Africa. The application was subsequently withdrawn before commencement of the public participation process. Nicholas was the project manager and is responsible for the compilation of the Environmental Impact Assessment Report and EMP and management of the appointed specialists.

#### **Belton Park Trading 127 (Pty) Ltd – Prospecting Right application for Sea Concessions 13C, 15C, 16C, 17C & 18C, West Coast, South Africa (2020 -2022)**

Environmental Impact Assessment (EIA) process for the proposed offshore prospecting operations in Sea Concessions 13C, 15C, 16C, 17C and 18C, off the West Coast of South Africa. Nicholas was the project manager and is responsible for the compilation of the Scoping and Environmental Impact Reports, undertaking of the required public participation process and management of the appointed specialists.

#### **Belton Park Trading 127 (Pty) Ltd – Prospecting Right application for Sea Concessions 14B, 15B & 17B, West Coast, South Africa (2020 -2022)**

Environmental Impact Assessment (EIA) process for the proposed offshore prospecting operations in Sea Concessions 14B, 15B and 17B, off the West Coast of South Africa. Nicholas was the project manager and is responsible for the compilation of the Scoping and Environmental Impact Reports, undertaking of the required public participation process and management of the appointed specialists.

#### **De Beers Marine (Pty) Ltd – Environmental Impact Assessment for Bulk Sampling Activities for Offshore Marine Diamonds, West Coast, South Africa (2019 - 2022)**

EIA process for the proposed offshore Bulk Sampling operations in the Sea Concession 6C, off the West Coast of South Africa. Nicholas was the project manager and is responsible for the compilation of the Scoping and Environmental Impact Reports, undertaking of the required public participation process and management of the appointed specialists.

#### **Bilboes Holdings (Pvt) – Proposed Isabella, McCays and Bubi Sulphide Gold Project, Zimbabwe (2018 - 2020)**

Environmental and Social Impact Assessment (ESIA) for the proposed expansion of an existing gold mine complex located in Zimbabwe. Nicholas is the project assistant and compiled the Scoping Report, assisted with the undertaking of the required public participation process and management of the appointed specialists.

#### **Zevocept (Pty) Ltd – Development of a borrow pit, Western Cape, South Africa (2019 - 2020)**

Basic Assessment process for the proposed development of a borrow pit on Farm Modder Rivier, Western Cape. Nicholas assisted in the compilation of the BAR, overseeing the required public participation process and the management of the appointed specialists.

#### **De Beers Marine (Pty) Ltd – Pre-Scope Environmental Input for Offshore Geophysical Survey, Greenland (2019)**

Undertake an initial evaluation of the anticipated impacts associated with planned geophysical surveys to be undertaken off the west coast of Greenland and compile environmental input to be



included into a Pre-Scope submission to the Greenland Minerals Authority. Nicholas undertook the management of the appointed specialists.

**Copper Tree Minerals – Proposed Kitwe Tailings Retreatment Project, Zambia (2017 - 2019)**

ESIA for the proposed re-treatment of historical tailings dumps located within the town of Kitwe, Zambia. Nicholas is the project manager for the ESIA phase and is responsible for the compilation of the ESIA Report, undertaking of the required public participation process and management of the appointed specialists.

**De Beers Marine (Pty) Ltd – Prospecting Right application for offshore marine Diamonds in Sea Concession 6C, West Coast, South Africa (2018)**

Basic Assessment process for the proposed offshore prospecting operations in the Sea Concession 6C, off the West Coast of South Africa. Nicholas compiled the Basic Assessment Report (including EMP), undertook the required public participation process and managed the appointed specialists.

**Veldrift Salt Company (Pty) Ltd – Salt mine, Veldrift, South Africa (2018)**

Update the Financial Provision for the salt mine on Portion 69 of Farm 110 near Veldrift, Western Cape, South Africa. Nicholas undertook the update of the existing financial provision and prepared the assessment report.

**Impala Platinum Limited Unincorporated Joint Venture – EMP Performance Assessment and Closure Liability Estimate for Prospecting Operations (2017)**

EMP Performance Assessment and Closure Liability Estimate for the Klipgatkop 115-JQ prospecting operations. Nicholas was the project manager and compiled the EMP Performance Assessment and Closure Liability Estimate reports.

**Belton Park Trading 127 (Pty) Ltd – Mining Right application for offshore marine Diamonds in Sea Concession 2C, West Coast, South Africa (2016 - 2017)**

EIA process for the proposed offshore mining of marine diamonds in the Sea Concession 2C, off the West Coast of South Africa. Nicholas compiled the Scoping and EIA Reports (including EMP), undertook the required public participation process and managed the appointed specialists.

**Belton Park Trading 127 (Pty) Ltd – Marine Sediment Sampling Activities in Sea Concessions 2C – 5C, West Coast (2014 - 2015)**

Basic Assessment process for the proposed drill and bulk sampling of marine sediments in Sea Concessions 2C, 3C, 4C and 5C, off the West Coast of South Africa. Nicholas compiled the BAR (including EMP), undertook the required public participation process and managed the appointed specialists.

**Aquarius Platinum (SA) (Pty) Ltd – Prospecting rights application on the Farms Chieftains Plain 46-JT and Walhalla 1-JT (2014)**

Environmental Management Programme (EMP) for the proposed prospecting activities to be undertaken on the Farm Chieftains Plain 46-JT and Walhalla 1-JT. Nicholas was the project manager and compiled the EMP for both projects. 2014 Project management of EMP prospecting rights application.

**Aquarius Platinum (SA) (Pty) Ltd – Proposed Extension of the K5 Upper Underground Mining Area (2014)**

EIA amendment process for the existing K5 Upper Mining Right to provide for the extension of the K5 Upper underground mining area. Based on the strong public reaction to the project, AQPSA took the decision to place the project on hold. Nicholas was the project manager and undertook the initial public participation process.

**Banro Corporation - Proposed Namoya Gold Mining Project, Maniema, DRC (2013)**

ESIA for the proposed construction of a greenfield gold mine located in the DRC. Nicholas was the project manager and compiled the ESIA Report (including EMP), undertook the required public participation process and managed the appointed specialists.

**Aquarius Platinum (SA) (Pty) Ltd – Kroondal and Marikana EMP Consolidation (2013 - 2015)**

Consolidation of the existing approved EMPs for the Kroondal and Marikana Platinum Mines, located in the North West Province. Nicholas was the project manager and compiled of the Consolidated EIA Report (including EMP) for each operation and managed the appointed specialists.

**Aquarius Platinum (SA) (Pty) Ltd – WULA for the proposed extension of Everest Platinum Mine (2011 - 2012)**

Water Use License Application (WULA) process for the proposed expansion of the Everest Platinum Mine, located in Mpumalanga. Nicholas assisted in the compilation of the necessary WULA documentation, including the Integrated Water and Waste Management Plan (IWWMP) for the project.

**Aquarius Platinum (SA) (Pty) Ltd – Proposed Extension of Everest Platinum Mine (2011 - 2012)**

EIA process for the proposed expansion of the Everest Platinum Mine, located in Mpumalanga. Nicholas was the project manager and compiled of the Scoping and EIA Reports (including EMP), undertook the required public participation process and managed the appointed specialists.

**Afplats (Pty) Ltd – EMP Performance Assessment for Prospecting Operations (2011)**

EMP Performance Assessment for the Wolwekraal 408-JQ and Kareepoort 407-JQ prospecting operations. Nicholas was the project manager and compiled the EMP Performance Assessment reports.

**Aquarius Platinum (SA) (Pty) Ltd – Re-assessment of the Financial Provision for Closure for Everest Platinum Mine (2011)**

Annual re-assessment of the closure cost estimate for the Everest Platinum Mine. Nicholas was the project manager and compiled the annual review of the mines Financial Provision for Closure for 2011.

**Leeuw Mining and Exploration (Pty) Ltd – Proposed Underground Coal Mine (2011)**

EIA process for the proposed underground coal mine located near Utrecht, Kwa-Zulu Natal. Nicholas was the project manager and compiled of the Scoping and EIA Report (including EMP), undertook the required public participation process and managed the appointed specialists.

**Oil and Gas**

**Total E&P South Africa B.V. - Proposed Well-Drilling and Additional Exploration Activities in Block Deep Western Orange Basin off the West Coast of South Africa (Current)**

EIA process for the proposed offshore exploration activities in the Block Deep Western Orange Basin, West Coast of South Africa. Nicholas is the project manager for the EIA Process and is responsible for compiling the Scoping and EIA Reports (including EMP), undertaking the required public participation process and managing the appointed specialists.

**Total E&P South Africa B.V. - Proposed Exploration well drilling in Block 5/6/7, offshore South-West Coast, South Africa (2021 – 2023)**

EIA process for the proposed offshore exploration activities in the Block 5/6/7 off the South-West Coast of South Africa. Nicholas provided project support for the EIA Process and public participation process.

**Rhino Oil & Gas Exploration South Africa (Pty) Ltd – EIA for exploration well drilling in 318ER, Free State, South Africa (Current)**

EIA process for the proposed exploration well-drilling activities in ER318, Free State, South Africa. Nicholas is the project manager for the Scoping Phase of the EIA Process and is responsible for compiling the Scoping Report and undertaking the required public participation process.

**ION Geophysical Corporation – Basic Assessment for a proposed 3D Seismic Survey, West Coast, South Africa (2022)**

Basic Assessment process in support of a Reconnaissance Permit Application for a 3D seismic survey off the West Coast of South Africa. Nicholas is the project manager for the Basic Assessment process and is responsible for compiling the BAR (including EMPr), undertaking the required public participation process and managing the appointed specialists.

**Rhino Oil & Gas Exploration South Africa (Pty) Ltd - Performance Assessment for Renewal of Exploration Right No. 294, Free State Province (2022)**

EMPr Performance Assessment of exploration activities in support of an Exploration Right Renewal Application over various farms in the Free State Province (Exploration Right No. 294). Nicholas was the project manager and compiled the EMP Performance Assessment report.

**Rhino Oil & Gas Exploration South Africa (Pty) Ltd - Performance Assessment for Renewal of Exploration Right No. 318, Free State Province (2022)**

EMPr Performance Assessment of exploration activities in support of an Exploration Right Renewal Application over various farms in the Free State Province (Exploration Right No. 318). Nicholas was the project manager and compiled the EMP Performance Assessment report.

**Searcher Geodata UK Limited – Reconnaissance Permit Application for 2D and 3D seismic surveys off the West and South-West Coast South Africa (2021)**

EMP process for the proposal to undertake 2D and 3D speculative seismic surveys offshore of the West and South-West Coasts, South Africa. Nicholas was the project assistant and provided input into the EMP report, facilitated the required public participation process and managed the appointed specialists.

**New Age Energy Algoa (Pty) Ltd – Environmental Audit Algoa-Gamtoos Block, East Coast of South Africa (2020)**

Environmental Audit undertaken in compliance with Section 54 (A)(2) of the EIA Regulations, 2014 (as amended) for the exploration activities conducted in the Algoa-Gamtoos Block. Nicholas was the project manager and responsible for undertaking the required audit and compiling the audit report.

**PGS Exploration (UK) Limited – Reconnaissance Permit Application for 2D and 3D seismic surveys offshore West Coast South Africa (2018)**

EMP process for the proposal to undertake 2D and 3D speculative seismic surveys offshore of the West Coast, South Africa. Nicholas was the project manager and compiled the EMP report, undertook the required public participation process and managed the appointed specialists.

**PGS Exploration (UK) Ltd – 2D and 3D seismic surveys compliance, South and East Coasts, South Africa (2015-2016)**

EMP Compliance and audit services for speculative 2D and 3D seismic surveys off the South and East Coasts of South Africa. Nicholas' role included managing the audit process and compiling the survey close-out reports, which outlined the implementation of the EMP (compliance) and highlighted any problems and non-compliance issues that arose during each survey.

**PGS Exploration (UK) Limited – Reconnaissance Permit Application Amendment to undertake a 3D seismic survey offshore KwaZulu-Natal, South Africa (2018)**

EMP Amendment process for the proposal to undertake a 3D speculative seismic survey offshore of KwaZulu-Natal, South Africa. Nicholas was the project manager and compiled the Amended EMP report, undertook the required public participation process and managed the appointed specialists.

**PGS Exploration (UK) Limited – Reconnaissance Permit Application to undertake 2D and 3D seismic surveys, South Africa (2017)**

EMP process for a Reconnaissance Permit Application to undertake 2D and 3D speculative seismic surveys of the East Coast, South Africa. Nicholas was the project manager and compiled the EMP report, undertook the required public participation process and managed the appointed specialists.

**Rhino Oil & Gas Exploration South Africa (Pty) Ltd – Proposed Exploration Activities in offshore Licence Blocks 3617 and 3717, South-West coast of South Africa (2015 -2016)**

EIA process for the proposed offshore exploration activities in Licence Blocks 3617 and 3717, South-West coast of South Africa. Nicholas assisted in the compilation of the Scoping and EIA Reports (including EMP), undertook the required public participation process and managed the appointed specialists.

**Rhino Oil & Gas Exploration South Africa (Pty) Ltd – Proposed Exploration Activities in Various Inshore Licence Blocks, South-West coast of South Africa (2015 -2016)**

EIA process for the proposed exploration activities in various inshore Licence Blocks, South-West coast of South Africa. Nicholas assisted in the compilation of the Scoping and EIA Reports (including EMP), undertook the required public participation process and managed the appointed specialists.

**Total E & P (SA) (Pty) Ltd - Proposed bathymetry survey and seabed sediment sampling in Block 11B/12B (2014 -2015)**

EMP Addendum for an application to undertake sonar surveys and seabed sediment sampling as part of the approved exploration programme for License Block 11B/12B. Nicholas was the project manager and compiled the EMP report, undertook the required public participation process and managed the appointed specialists.

**Infrastructure – Roads**

**AECOM SA for Western Cape Government (WCG): Department of Transport & Public Works - Upgrading of TR31/2 between Ashton and Montagu (2018 - 2019)**

ECO services for the upgrading of Trunk Road 31 Section 2, Cogmanskloof Pass, between Ashton and Montagu, including the main roads through the two towns. Nicholas served as the ECO during the interim contract phase and provided monthly ECO audit reports.

**GIBB (Pty) Ltd for WCG:DTPW – Construction of Erosion Protection Measures for the Swart River Bridge, South Africa (2016 - 2017)**

Basic Assessment process for the proposed implementation of erosion protection measures along a section of the Swart River which is traversed by the TR 34, approximately 7 km north of Prince Albert. Nicholas was the project manager and compiled the Basic Assessment Report (BAR), undertook the required public participation process and managed the appointed specialist.

**SMEC SA (Pty) Ltd for South African National Roads Agency SOC Ltd (SANRAL) - Proposed establishment of a Quarry, Eastern Cape (2016 - 2018)**

EIA process for the proposed development of a quarry for the extraction of material for the construction of the Mthentu and Msikaba Bridges for the N2 Wild Coast Toll Highway. Nicholas compiled the Scoping and EIA Reports (including EMP), and project managed the required public participation process.

**Hatch Goba (Pty) Ltd for WCG:DTPW- Maintenance Management Plan for flood damage repair of structures in the Ladismith West area (2016 - 2017)**

Maintenance Management Plan (MMP) for the proposed repairs to road infrastructure at fourteen different sites that were damaged during flood events in the Ladismith West area situated between Ladismith and Montagu. Nicholas was the project manager and compiled the MMP, undertook the required public participation process and managed the appointed specialist.

**ERO Engineers (Pty) Ltd for WCG:DTPW - Proposed Repair and Reseal of Main Road (MR) 233 to Langebaan (2015)**

MMP for the proposed rehabilitation works of the MR 233 between the R 27 (km 6.80) and north of Langebaan (km 12.84). Nicholas was the project manager and compiled the MMP, undertook the required public participation process and managed the appointed specialist.

**Ekurhuleni Metropolitan Municipality (Eastern Region) – Proposed Gauteng Road (P1894) (2007 - 2009)\*\***

EIA for the construction of a new road between Sam Smith Road (Tsakane) and Vlakfontein Road (Kwa-Thema), Ekurhuleni Metropolitan Municipality. Nicholas was the project manager and compiled the Scoping and EIA Report (including EMP), undertook the required public participation process and managed the appointed specialists.

**Infrastructure – Water and Wastewater**

**Meerenhof Properties (Pty) Ltd - Expansion of dams, South Africa (2017 – 2022)**

Construction and expansion of irrigation dams on Uitsig Farm, Constantia, Cape Town. Nicholas is fulfilling the role of ECO and provides monthly ECO audit reports.

**Saldanha Bay Municipality - Maintenance Management Plans for the Bok and Mosselbank Rivers (2016 - 2017)**

MMP for the proposed maintenance activities to be undertaken within the Bok and Mosselbank Rivers. Nicholas was the project manager, compiled the MMPs and undertook the required public participation process.

**BVI Consulting Engineers WC (Pty) Ltd for the City of Cape Town: Transport for Cape Town – Proposed upgrade of the Bayside Canal (2015 - 2020)**

Basic Assessment process for the upgrade of the Bayside Canal Outfall System located in Tableview, Cape Town. Nicholas is the project manager and is responsible for compiling the BAR, undertaking the required public participation process and managing the appointed specialists.

**BVI Consulting Engineers WC (Pty) Ltd for the City of Cape Town: Transport for Cape Town – Proposed stormwater pipeline linking Sunningdale to the Big Bay stormwater outfall pipeline (2015 - 2016)**

Basic Assessment process for the construction of a new stormwater pipeline to route runoff from Sunningdale Phases 12A, 13 and 14 to the existing Big Bay Outfall pipeline located at the eastern boundary of the suburb of Big Bay. Nicholas was the project manager and compiled the BAR, undertook the required public participation process and managed the appointed specialists.

**Arup - Proposed Sandspruit Rehabilitation for Stormwater Management of Melrose Arch, Sandton (2010)\*\***

Basic Assessment for the rehabilitation of the Sandspruit to facilitate the management of stormwater runoff emanating from the Melrose Arch precinct. Nicholas was the project manager and compiled the BAR (including EMP), undertook the required public participation process and managed the appointed specialists.

**Infrastructure – Solid Waste**

**Wesco Waste Management Facility (Pty) Ltd – ESIA for the proposed Wesco Waste Management Facility, Western Cape (Current)**

ESIA for the construction of a new integrated waste management facility in the Western Cape. Nicholas is the project manager and will be responsible for compiling the Scoping and ESIA Report (including EMP), undertaking the required public participation process and managing the appointed specialists.

**Energy Omega Oils (Pty) Ltd – Audit of Blackheath Waste Storage Facility (2017)**

External audit of the Blackheath Waste Storage Facility in terms of the National Norms and Standards for the Storage of Waste (Government Notice No. 926 of 29 November 2013). Nicholas undertook and compiled the audit report.

**Impala Platinum (Pty) Ltd - Proposed Central Salvage Yard (2011 - 2012)**

Basic Assessment process and Waste Management License application for the proposed construction of a salvage yard, and associated activities, located at Impala Platinum's Rustenburg operations. Nicholas compiled the BAR (including EMP), undertook the required public participation and waste management license application processes and managed the appointed specialists.

**Built Environment**

**Proposed establishment of a fuel station on Erf 38333, Milnerton, Cape Town, Richmond Park Development Company (Pty) Ltd (2019 - 2022)**

Basic Assessment for the establishment of a fuel station on Erf 38333, Milnerton, Cape Town. Nicholas was the project manager and compiled the BAR (including EMP), undertook the required public participation process and managed the appointed specialists.

**Construction of a warehouse, Brackenfell, We Buy Cars Properties (Pty) Ltd (2019)**

ECO services for the construction of the We Buy Cars warehouse in Brackefell, Western Cape. Nicholas acted as the project manager and was responsible for reviewing the monthly ECO reports

**Luna Country Club Holdings - Proposed Subdivision of Erf 177476, St James (2017 – 2021)**

Basic Assessment process for the subdivision of Erf 177476 into five separate portions with the intent to sell four of the subdivided portions to third-parties for residential use. Nicholas is the project manager and is responsible for compiling the BAR, undertaking the required public participation process and managing the appointed specialists.

**Mountain View Estate Shareblock Company Limited - Proposed Mountain View Estate (2009 - 2010) \*\***

EIA for a residential and aviation estate on the Farm Simonsview 490-JQ, and various portions of the Farms Kalkheuwel 493-JQ, Rhenosterspruit 495-JQ and Riverside 497-JQ, Gauteng and North West Province. Nicholas was the project manager and compiled of the Scoping and EIA Report (including EMP), undertook the required public participation process and managed the appointed specialists.

**Lead Wood Development Company (Pty) Ltd - Proposed Leadwood Nature Estate (2008) \*\***

EIA for a residential and game estate on the Remainder of Portion 2 of The Farm Happyland 241-KT, Hoedspruit, Limpopo. Nicholas was the project manager and compiled of the Scoping and EIA Report (including EMP), undertook the required public participation process and managed the appointed specialists.

**Hayes Matkovich Developments (Pty) Ltd – Proposed Standerton Country Estate (2008) \*\***

EIA for a golf estate on the Portions of the Farms Grootverlangen 409-IS and Langerwyl 410-IS, Standerton, Mpumalanga. Nicholas was the project manager and compiled of the Scoping and EIA

Report (including EMP), undertook the required public participation process and managed the appointed specialists.

**Sugar Creek Trading 33 (Pty) Ltd - Proposed Development of Zandspruit Estate (2007 -2008) \*\***

EIA for a residential, game and aviation estate on the Remainder of The Farm Happyland 241-KT, Hoedspruit, Limpopo. Nicholas was the project manager and compiled of the Scoping and EIA Report (including EMP), undertook the required public participation process and managed the appointed specialists.

**C.J.Irons CC - Taemane Residential Estate (2007) \*\***

Basic Assessment for the proposed residential estate located on a Part of the Remainder of Portion 52 of the Farm Garstfontein 374-JR, Pretoria, Gauteng. Nicholas was the project manager and compiled the BAR (including EMP), undertook the required public participation process and managed the appointed specialists.

**Riverspray Lifestyle Estate (Pty) Ltd - Proposed Riverspray Lifestyle Estate (2006) \*\***

EIA for a residential and lifestyle estate on bank of the Vaal River in Vanderbijlpark, Gauteng. Nicholas was the project manager and compiled of the Scoping and EIA Report (including EMP), undertook the required public participation process and managed the appointed specialists.

## Built Environment – Recreation

**South African National Parks (SANParks) - Proposed Preekstoel Boardwalk Within the West Coast National Park (2009) \*\***

Basic Assessment for the establishment of boardwalks in the Preekstoel section of the West Coast National Park, (SANParks). Nicholas was the project manager and compiled the BAR (including EMP), undertook the required public participation process and managed the appointed specialists.

**SANParks - Construction of a Walkway and Suspension Bridges in the Tsitsikamma National Park (2008) \*\***

Basic Assessment for the establishment of a walkway and additional suspension bridges in the Tsitsikamma National Park, South Africa. Nicholas was the project manager and compiled the BAR (including EMP), undertook the required public participation process and managed the appointed specialists.

**Expansion of the Winterveld Cemetery, City of Tshwane Metropolitan Municipality (MM) (2007 - 2010) \*\***

Basic Assessment for the expansion of the existing Winterveld Cemetery located within the City of Tshwane Metropolitan Municipality. Nicholas was the project manager and compiled the BAR (including EMP), undertook the required public participation process and managed the appointed specialists.

**Expansion of the Klipkruisfontein Cemetery, City of Tshwane Metropolitan Municipality (MM) (2007 - 2010) \*\***

Basic Assessment for the expansion of the existing Klipkruisfontein Cemetery located within the City of Tshwane Metropolitan Municipality. Nicholas was the project manager and compiled the BAR (including EMP), undertook the required public participation process and managed the appointed specialists.

**Proposed Central Operations Centre (COC), Tolplan (Pty) Ltd for SANRAL (2009) \*\***

Basic Assessment for the proposed construction of the SANRAL COC Building. Nicholas was the project manager and compiled the BAR (including EMP), undertook the required public participation process and managed the appointed specialists.

**Erf5 Melrose Estate CC - Section 24G Rectification for a Roof Signboard (2008) \*\***

Rectification Application in terms of Section 24G (S24G) of the National Environmental Management Act, 1998 for the unlawful erection of a roof signboard on the corner of Juta and Eendracht Streets, Johannesburg. Nicholas was the project manager and compiled the Rectification Application (including EMP) and undertook the required public participation process.

**Wideopen Leasing (Pty) Ltd – S24G Rectification for a Sky Sign, 78 Fox Street (2007) \*\***

Rectification Application in terms of S24G of the National Environmental Management Act, 1998 for the unlawful erection of a Sky Sign at 78 Fox Street, Johannesburg. Nicholas was the project manager and compiled the Rectification Application (including EMP) and undertook the required public participation process.

## Memberships and Associations

- EAPASA Registered Environmental Assessment Practitioner (Reg. No. 2019/1001)
- Registered as a Professional Natural Scientist - Environmental Scientist (Reg. No. 113939)
- Chairperson of Western Cape Branch Committee of the International Association for Impact Assessment – South Africa (IAIAsa) (2021 – Current).

## Publications

- Good Practice Environmental Guideline for Marine Minerals Activities in the Benguela Current Large Marine Ecosystem. Rossouw, N. & Arnott, N. (Still in review)

## Jeremy Blood

Associate Environmental Consultant | Environmental Management, Planning & Approvals | Cape Town



Jeremy is an Associate Environmental Consultant and has been working as an Environmental Assessment Practitioner since 1999. He has project managed a number of large-scale projects covering a range of environmental disciplines, including Environmental Impact Assessments (EIAs), Environmental Management Programmes (EMPs), Stakeholder Engagement, Environmental Compliance and Monitoring and Environmental Control Officer (ECO) related work in South Africa, Namibia, Mozambique and Kenya.

He has expertise in a wide range of projects relating to oil / gas and mining (heavy mineral mining and borrowpits), housing/industrial developments, renewables (solar PV) and infrastructure projects (e.g. roads, railway line, power lines and pipelines).

## Education

- MSc, Stellenbosch University (2006)
- BSc (Hons), Rhodes University (1995)
- BSc, Rhodes University (1994)

## Project Experience

### Environmental and Social Due Diligence

#### **ESDD for a Wind Energy Facility, South Africa: Client confidential (2018)**

ESDD for a 102 MW Wind Energy Facility near Copperton in the Northern Cape, South Africa. Jeremy's role included reviewing project-related and legislative information and report writing.

#### **Environmental Due Diligence, Block 2C, West Coast, South Africa: Anadarko South Africa (Pty) Ltd (2011)**

Environmental Due Diligence for Licence Block 2C, West Coast, South Africa. Jeremy's role included project management, review / auditing and report writing.

#### **Environmental Due Diligence, Block 5/6, South-West Coast, South Africa: Anadarko South Africa (Pty) Ltd (2011)**

Environmental Due Diligence for Licence Block 5/6, South-West Coast, South Africa. Jeremy's role included project management, review / auditing and report writing.

### Renewables

#### **Met Masts and Remote Sensing, Tsau//Khaeb National Park, Namibia: HYPHEN Hydrogen Energy (Pty) Ltd (2022)**

EIA for a meteorological (met) mast and remote sensing campaign in the Tsau//Khaeb National Park (TKNP), near Lüderitz, southern Namibia. The project forms part of a large-scale export green hydrogen (H<sub>2</sub>) proposed for the area in order to better understand the suitability of the wind resource in the identified development area. Jeremy's role included managing the EIA and public participation process, specialist report review and EIA report writing.

#### **Kokerboom Solar Project, Keetmanshoop, Namibia: Kokerboom Solar Generation (Pty) Ltd (2016)**

Scoping study for a solar (photovoltaic) power plant, near Keetmanshoop, Namibia. Jeremy's role included managing the Scoping and public participation process, specialist report review and report writing.

#### **Skeyfontein Photovoltaic Power Plant, Northern Cape, South Africa: Solarhybrid AG, Germany (2011-2012)**

Scoping study for the proposed Development of Skeyfontein Photovoltaic power plant and power lines near Postmasburg, Northern Cape. Jeremy's role included managing the Scoping and public participation process, specialist baseline report review and report writing.

## Jeremy Blood

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#### **De Aar Photovoltaic Power Plant, Northern Cape, South Africa: Business Venture Investments 1421 (Pty) Ltd (2011-2012)**

EIA for the proposed Development of a Photovoltaic power plant and power line near De Aar & Prieska, Northern Cape. Jeremy's role included managing the EIA process and public participation process, specialist report review and EIA report writing.

#### **Solar Cell Manufacturing Factory, Western Cape, South Africa: IlangaPower (Pty) Ltd (2008)**

Basic Assessment for a proposed Solar Cell Manufacturing Factory, Sacks Circle, Bellville. Jeremy's role included managing the Basic Assessment process and public participation process, specialist report review and report writing.

### Oil and Gas

#### **Well drilling in Blocks 5/6/7, South-West Coast, South Africa: TotalEnergies EP South Africa Block 567 (Pty) Ltd (2022)**

EIA for drilling up to five exploration wells in Block 5/6/7, offshore South-West Coast. Jeremy's role included managing the EIA process and public participation process, specialist report review and EIA report writing.

#### **Well drilling in Block 2913B, Namibia: Total E and P Namibia BV (2022)**

Renewal of Environmental Clearance Certificate to undertake further exploration and appraisal well drilling in the Block 2913B off the coast of Southern Namibia. Jeremy's role included managing the ECC renewal process, specialist report review and report writing (Environmental Performance Report and updating the EMP).

#### **2D/3D seismic surveys, West Coast, South Africa: Searcher Geodata UK Limited (2021)**

EIA for speculative 2D and 3D seismic surveys off the West Coast of South Africa. Jeremy was the assistant project manager and responsible for the public participation process, specialist report review and EMP report writing.

#### **3D seismic survey in PEL 90, Namibia: Tullow Namibia Ltd (2021-2022)**

EIA for a 3D seismic survey in Petroleum Exploration Licence 90 (PEL 90) in the Orange Basin off the coast of Namibia. Jeremy's role included managing the EIA process and public participation process, specialist report review and EIA report writing.

#### **Management of Change (MOC) Procedure for Piling, Cabo Delgado Province, Mozambique: Total E&P Moçambique Area 1, Limitada (2021)**

Implement MOC Procedure and prepare Screening Framework and Technical Note for the expansion of the Diver Exclusion Zone for piling. Jeremy's role included managing the MOC process, specialist input and report writing.

#### **Exploration well drilling in Block 11B/12B, offshore South Coast, South Africa: Total E&P South Africa BV (2020-2021)**

EIA for additional exploration well drilling and associated exploration activities (CSEM and wave buoys) in Block 11B/12B, offshore South Coast. Jeremy's role included specialist report review and EIA report writing.

#### **3D seismic survey in Blocks 2912 /2913B, Namibia: Total E and P Namibia BV (2020)**

EIA for a 3D seismic survey in Blocks 2912/2913B in the Orange Basin off the coast of southern Namibia. Jeremy's role included managing the EIA process and public participation process, specialist report review and EIA report writing.

#### **Management of Change (MOC) Procedure for expansion of Resettlement Village, Cabo Delgado Province, Mozambique: Total E&P Moçambique Area 1, Limitada (2020)**

Implement MOC Procedure and undertake EIA Addendum for the expansion of the Resettlement Village. Jeremy's role included managing the EIA Addendum process, specialist input and report writing.

**Onshore Environmental Monitoring, Afungi Peninsula, in Palma District, Cabo Delgado Province, Mozambique: Total E&P Moçambique Area 1, Limitada (2020)**

Execute environmental field surveys and manage the subsequent data for a period of one year in the onshore environment in the vicinity of the Project. Jeremy's role included overall project management.

**Exploration well drilling in Petroleum Exploration Licence 39, Namibia: Shell Namibia Upstream BV (2020)**

Environmental Clearance Certificate (ECC) amendment application for exploration well drilling in Petroleum Exploration Licence 39 off the coast of southern Namibia. Jeremy's role included managing the ECC amendment process and public participation process, specialist report and legal register review and EIA amendment report writing.

**Social Baseline and SIA related to exploration activities in Block 11B/12B, offshore South Coast, South Africa: Total E&P South Africa BV (2019-2020)**

Social Baseline Study and Social Impact Assessment related to the impacts that exploration activities in Block 11B / 12B would have on the Mossel Bay area. Project management and review.

**Exploration well drilling in Petroleum Exploration Licence 82, Namibia: Windhoek PEL23 BV (2019)**

EIA for the drilling of up to two exploration wells in Petroleum Exploration Licence 82 (PEL82) in the Walvis Basin off the coast of Namibia. Jeremy's role included managing the EIA process and public participation process, specialist report review and EIA report writing.

**Exploration well drilling in Petroleum Exploration Licence 83, Namibia: Windhoek PEL28 BV (2019)**

EIA for the drilling of up to two exploration wells in Petroleum Exploration Licence 83 (PEL83) in the Orange Basin off the coast of Namibia. Jeremy's role included managing the EIA process and public participation process, specialist report review and EIA report writing.

**Update Area 1 EMP for the Liquefied Natural Gas Project in Cabo Delgado, Mozambique: Anadarko Moçambique Area 1, Lda (AMA1) (2018-2019)**

In June 2014 AMA1 received approval to develop the proposed LNG Project in offshore Area 1 and at the Afungi Peninsula of Cabo Delgado Province in northern Mozambique. Following project approval, the development of the project design continued through a process of optimization, resulting in further refinements to the Project Description. SLR was appointed to evaluate proposed project changes, to determine / confirm impact significance, and to update the approved EMP accordingly. Jeremy's role included the screening of project changes through an internal Management of Change Procedure to identify and evaluate the environmental implications of any changes arising from the design optimisation process, specialist report review and EMP report writing.

**Exploration well drilling in Petroleum Exploration Licence 39, Namibia: Shell Namibia Upstream BV (2018-2019)**

EIA for the drilling of up to two deep water exploration wells in Petroleum Exploration Licence 39 off the coast of southern Namibia. Jeremy's role included managing the EIA process and public participation process, specialist report review and EIA report writing.

**3D seismic survey in the Walvis Basin, Namibia: Spectrum Geo Limited (2017)**

EIA for a 3D seismic survey in the Walvis Basin of the coast of northern Namibia. Jeremy was the project manager and responsible for the public participation process, specialist report review and EIA report writing.

**Coal bed methane exploration, Free State and Mpumalanga Provinces: Afro Energy (Pty) Ltd (2016)**

Scoping Phase of an EIA for an Exploration Right application for Petroleum and Natural Gas (Coal Bed Methane) on various farms in a portion of the Free State and Mpumalanga Provinces. Jeremy was responsible for the management and undertaking of the scoping phase, which involved managing the public participation process and writing the scoping report.

**2D seismic survey, Namibia: Spectrum Geo Ltd (2016-2017)**

EIA for a 2D seismic survey in the Orange Basin off the coast of southern Namibia. Jeremy was the project manager and responsible for the public participation process, specialist report review and EIA report writing.

**Relinquishment of Licence Block 3B/4B, West Coast, South Africa: BHP Billiton Petroleum (South Africa 3B/4B) Limited (2016)**

Application for a Closure Certificate and consolidated Environmental Risk Report and Closure Plan for the relinquishment of Licence Block 3B/4B (ER 12/3/23) off the West Coast of South Africa. Jeremy's role included managing the relinquishment process, report writing and liaison with the competent authority.

**Oil and gas exploration in Licence Blocks 3617 and 3717, South-West Coast, South Africa: Rhino Oil & Gas Exploration South Africa (Pty) Ltd (2015-2016)**

EIA for exploration activities in offshore Licence Blocks 3617 and 3717 off the South-West Coast of South Africa. Exploration activities included multi-beam bathymetry and 2D/3D seismic surveys. Jeremy was the project manager and responsible for the public participation process, specialist report review and report writing.

**Oil and gas exploration in various inshore licence blocks, South Africa: Rhino Oil & Gas Exploration South Africa (Pty) Ltd (2015-2016)**

EIA for exploration activities in various inshore licence blocks off the South-West Coast of South Africa. Exploration activities included multi-beam bathymetry and 2D/3D seismic surveys. Jeremy was responsible for quality control and report review.

**2D seismic survey, South Coast, South Africa: PGS Exploration (UK) Ltd (2015-2016)**

EIA / EMP Addendum for a speculative 2D seismic survey off the South Coast of South Africa. Jeremy was the project manager and responsible for the public participation process, specialist report review and EIA / EMP report writing.

**Exploration well drilling in Block 2B, West Coast, South Africa: Thombo Petroleum Ltd (2014-2016)**

EIA Addendum for the drilling of up to five exploration wells in Block 2B off the West Coast of South Africa. Jeremy's role included managing the EIA process and public participation process, specialist report review and EIA report writing.

**Exploration well drilling in Licence Blocks 2613A and 2613B, Namibia: Murphy Oil Corporation (2014-2016)**

EIA for the drilling of up to two exploration wells in Licence Blocks 2613A and 2613B off the coast of Namibia. Jeremy was the project manager and responsible for the public participation process, specialist report review and report writing.

**Exploration well drilling in Licence Block 1, West Coast, South Africa: Cairn South Africa (2013-2017)**

EIA Addendum for the drilling of up to five exploration wells in Block 1 off the West Coast of South Africa. Jeremy was the project manager and responsible for the public participation process, specialist report review and report writing.

**Ibhubesi Gas Project: Sunbird Energy Ltd (2013-2017)**

EIA and EMP Addendum for the proposed Ibhubesi Gas Project, Western and Northern Cape, South Africa. The project involved the development of the gas field in Block 2A, which included a 430 km production pipeline (offshore and onshore) to the Ankerlig Power Station. Jeremy was the project manager and responsible for the public participation process, specialist report review and report writing.

**Relinquishment of a portion of Licence Blocks 5, 6 & 7, South-West Coast, South Africa: Anadarko South Africa (Pty) Ltd (2016)**

Application for a Closure Certificate and Consolidated Environmental Risk Report and Closure Plan for the relinquishment of Licence Blocks 5, 6 & 7 (ER 12/3/224) off the South-West Coast of South Africa. Jeremy's role included managing the relinquishment process, report writing and liaison with the competent authority.

**2D seismic survey compliance, South Coast, South Africa: PGS Exploration (UK) Ltd (2015-2016)**  
EMP Compliance and audit services for a speculative 2D seismic survey off the South Coast of South Africa. Jeremy's role included managing the audit process and compiling the survey close-out report, which outlined the implementation of the EMP (compliance) and highlighted any problems and non-compliance issues that arose during the survey.

**Well drilling Roadmap and Permitting Plan, South Africa: ExxonMobil Exploration and Production South Africa Ltd (2015)**

SLR was appointed to develop a high-level Regulatory Roadmap and Permitting Plan for offshore exploration well drilling and associated onshore activities for ExxonMobil's South African licence areas, focusing on the Tugela South licence area off the East Coast. Jeremy was the project manager and responsible for the legal review and report writing.

**Exploration Right renewal for Licence Blocks 5, 6 & 7, South-West Coast, South Africa: Anadarko South Africa (Pty) Ltd (2015)**

SLR was appointed to prepare an Environmental Compliance Report as part of the Exploration Right renewal for Licence Blocks 5, 6 & 7 (ER 12/3/224) off the South-West Coast of South Africa. Jeremy's role included managing the audit process and compiling the Environmental Compliance Report.

**2D seismic survey compliance, Block 2113, Namibia: Nabirm Energy Services (2014-2015)**

EMP Compliance and audit services for a 2D seismic survey in the offshore portion of Block 2113A in the Walvis Basin off the coast of Namibia. Jeremy's role included managing the audit process and compiling the survey close-out report, which outlined the implementation of the EMP (compliance) and highlighted any problems and non-compliance issues that arose during the survey.

**Relinquishment of a portion of the Tugela South Block, East Coast, South Africa: ExxonMobil Exploration and Production South Africa Limited (2014)**

Application for a Closure Certificate and Consolidated Environmental Risk Report and Closure Plan for the relinquishment of a portion of the Tugela South Block off the East Coast of South Africa. Jeremy's role included managing the relinquishment process, report writing and liaison with the competent authority.

**2D seismic survey compliance, East Coast, South Africa: CGG Services SA (2014)**

EMP Compliance and audit services for a speculative 2D seismic survey off the East Coast of South Africa. Jeremy's role included managing the audit process and compiling the survey close-out report, which outlined the implementation of the EMP (compliance) and highlighted any problems and non-compliance issues that arose during the survey.

**3D seismic survey, Licence Blocks 2613A and 2613B, Namibia: Murphy Oil Corporation and TGS-NOPEC Geophysical Company ASA (2013-2014)**

EIA for a proposed 3D seismic survey in Licence Blocks 2613A and 2613B, Lüderitz Basin, off the coast of Namibia. Jeremy was the project manager and responsible for the public participation process, specialist report review and EIA / EMP report writing.

**3D seismic survey, Licence Blocks 2012B and 2112A, Namibia: Tullow Kudu Ltd (2013-2014)**

EIA for a proposed 3D seismic survey in Licence Blocks 2012B and 2112A, Walvis Basin, off the Coast of Namibia. Jeremy was the project manager and responsible for the public participation process, specialist report review and EIA / EMP report writing.

**Exploration well drilling in the Orange Basin Deepwater Licence Area, West Coast, South Africa: Shell South Africa Upstream BV (2013-2015)**

EIA for the drilling of up to two deep water exploration wells in the northern portion of the Orange Basin Deepwater Licence Area off the West Coast of South Africa. Jeremy's role included managing the EIA process and public participation process, specialist report review and EIA report writing.

**2D seismic survey compliance, East Coast, South Africa: CGG Veritas Services (UK) Ltd (2013)**

EMP Compliance and audit services for a 2D seismic off the East Coast of South Africa. Jeremy's role included managing the audit process and compiling the survey close-out report, which outlined the implementation of the EMP (compliance) and highlighted any problems and non-compliance issues that arose during the survey.

**2D seismic survey, South Coast, South Africa: Petroleum Geo-Services ASA (2013)**

EIA / EMP for the proposed speculative 2D seismic survey off the South Coast of South Africa. Jeremy's role included managing the EMP and public participation process, specialist report review and EIA / EMP report writing.

**Seafloor geochemical sampling programme, Licence Blocks 5/6 & 7, South-West Coast, South Africa: Anadarko South Africa (Pty) Ltd (213)**

EIA / EMP Addendum for a seafloor geochemical sampling programme in Petroleum Licence Blocks 5/6 & 7 off the South-West Coast of South Africa. The sampling programme consisted of seafloor sampling (piston coring), seafloor heat flow measurements and a possible multi-beam bathymetry survey to refine target locations for seafloor sampling. Jeremy was the project manager and responsible for the public participation process, specialist report review and EIA / EMP report writing.

**Exploration programme, Licence Block 2C, West Coast, South Africa: Anadarko South Africa (Pty) Ltd (2012-2013)**

EMP for a proposed exploration programme in Block 2C off the West Coast, South Africa. The exploration programme included 2D/3D seismic surveys, multi-beam bathymetry survey, seafloor sampling and seafloor heat flow measurements. Jeremy was the project manager and responsible for the public participation process, specialist report review and EIA / EMP report writing.

**Exploration programme, Tugela North, East Coast, South Africa: Impact Africa Limited (2012-2013)**

EIA / EMP for a proposed exploration programme in the Tugela North area off the East Coast of South Africa. The exploration programme included Airborne geophysical acquisition (gravity and magnetics), 2D/3D seismic surveys, seafloor heat flow measurements, multi-beam bathymetry survey and seafloor sampling. Jeremy was the project manager and responsible for the public participation process, specialist report review and EIA / EMP report writing.

**2D seismic survey, Durban and Zululand Basins, East Coast, South Africa: Sasol Petroleum International (Pty) Ltd (2012)**

EIA / EMP for a proposed 2D seismic survey programme in the Durban and Zululand Basins off the East Coast of South Africa. Jeremy was the project manager and responsible for the public participation process, specialist report review and EIA / EMP report writing.

**2D seismic survey, South and East Coasts, South Africa: Petroleum Geo-Services ASA (2012)**

EIA / EMP for the proposed speculative 2D seismic survey off the South and East Coast of South Africa. Jeremy's role included managing the EIA / EMP and public participation process, specialist report review and EIA / EMP report writing.

**3D seismic survey, Block 1, West Coast, South Africa: PetroSA (Pty) Ltd (2012)**

EIA / EMP Amendment for the 3D seismic survey campaign in Block 1 off the West Coast of South Africa. Jeremy's role included managing the EIA / EMP and public participation process, specialist report review and EIA / EMP report writing.

**2D seismic survey, Lüderitz and Walvis Basin, Namibia: Spectrum Geo Ltd (2012)**

EIA for a 2D seismic survey in various Blocks in the Lüderitz and Walvis Basin offshore areas, Namibia. Jeremy's role included managing the EIA process and public participation process, specialist report review and EIA report writing.

**2D seismic survey, Pletmos Inshore Area, South Coast, South Africa: Bayfield Energy Ltd (2012)**

EIA / EMP Amendment for a 2D seismic survey in the Pletmos Inshore Area off the South Coast of South Africa. Jeremy's role included managing the EIA / EMP and public participation process, specialist report review and EIA / EMP report writing.

**2D seismic survey, East Coast, South Africa: CGG Veritas Services (UK) Ltd (2012)**

EIA / EMP for a speculative 2D seismic survey off the East Coast of South Africa. Jeremy was the project manager and responsible for the public participation process, specialist report review and EIA / EMP report writing.

**2D seismic survey, West Coast, South Africa: Spectrum Geo Ltd (2013)**

EIA / EMP for a speculative 2D seismic survey off the West Coast of South Africa. Jeremy was the project manager and responsible for the public participation process, specialist report review and EIA / EMP report writing.

**2D/3D seismic survey, Block 2914B, Namibia: Signet Petroleum Ltd (2011)**

EIA for a proposed 2D and 3D seismic survey in Block 2914B off the coast of Namibia. Jeremy's role included managing the EIA process and public participation process, specialist report review and EIA report writing.

**2D/3D seismic survey, Blocks 5 & 6, South Africa: PetroSA (Pty) Ltd (2011)**

EIA / EMP for a 2D/3D seismic survey campaign in Blocks 5 & 6 off the South-West Coast of South Africa. Jeremy's role included managing the EMP process and public participation process, specialist report review and EIA / EMP report writing.

**3D seismic survey, Licence Blocks 2713A/2713B and 2815, Namibia: UNX Energy Corp (2010-2011)**

EIA (including EMP for a proposed 3D seismic survey programme in the southern Orange Basin (Licence Blocks 2713A/2713B and 2815) off the coast of Namibia. Jeremy's role included managing the EIA process and public participation process, specialist report review and EIA report writing.

**3D seismic survey, Licence Blocks 2112B/2212A and 2813A/2814B, Namibia: HRT Oil Gas Ltd (2010-2011)**

EIA for a proposed 3D seismic survey programme in the central Walvis Basin (Licence Blocks 2112B/2212A) and southern Orange Basin (Licence Blocks 2813A/2814B) off the coast of Namibia. Jeremy's role included managing the EIA process and public participation process, specialist report review and EIA report writing.

**Exploration well drilling, Block 1, West Coast, South Africa: PetroSA (Pty) Ltd (2010-2011)**

Basic Assessment and EMP for the drilling of up to six exploration wells in Block 1 (ER83) off the West Coast of South Africa. Jeremy's role included managing the Basic Assessment process and public participation process, specialist report review and report writing.

**2D seismic survey, Pletmos Inshore Area, South Coast, South Africa: Bayfield Energy Ltd (2010)**

EMP for a 2D seismic survey in the Pletmos Inshore Area off the South Coast of South Africa. Jeremy's role included managing the EMP and public participation process, specialist report review and EMP report writing.

**2D seismic survey, Tugela South, East Coast, South Africa: Silver Wave Energy (Pte) (2010)**

EIA / EMP for a 2D seismic survey in the Tugela South area (Blocks 2931C, 2931D, 2932A and 2932C) off the East Coast of South Africa. Jeremy's role included managing the EIA / EMP and public participation process, specialist report review and EIA / EMP report writing.

**Seismic surveys and well drilling, Block 3A/4A, West Coast, South Africa: BHP Billiton Petroleum (2009-2010)**

EMP amendment for conducting seismic surveys and exploration well drilling in Petroleum Licence Block 3A/4A, West Coast, South Africa. Jeremy's role included managing the EMP and public participation process, specialist report review and EMP report writing.

**Performance Assessments, South Coast, South Africa: PetroSA (Pty) Ltd (2009)**

Compilation of offshore performance assessments for Block 9, Block 11a, F-A Gas Field, E-M Gas Field, South Coast Gas (SCG) Gas Field, Sable Oil Field and Oribi (E-BT)/Oryx (E-AR) Oil Fields. Jeremy's role included managing the audit process and compiling the Performance Assessment report, which outlined the implementation of the EMP (compliance) and highlighted any problems and non-compliance issues.

**F-O Gas Field development, South Coast, South Africa: PetroSA (Pty) Ltd (2008-2012)**

EIA and EMP for the development of the F-O Gas Field in Petroleum Licence Block 9, South Coast, South Africa. The project included the drilling of up to 14 production wells in the F-O Gas Field and connecting the gas field to the existing F-A Platform via a new approximately 39 km subsea production pipeline. Jeremy's role included managing the EIA/EMP and public participation process, specialist report review and EIA report writing.

**3D seismic survey, Block 1, West Coast, South Africa: PetroSA (Pty) Ltd (2008)**

EIA / EMP for a 3D seismic survey in Block 1 (ER83) off the West Coast of South Africa. Jeremy's role included managing the EIA / EMP and public participation process, specialist report review and EIA / EMP report writing.

**Ibhubesi Gas Field development: Forest Exploration International (SA) (Pty) Ltd (2006-2007)**

EIA and EMP for the proposed development of the Ibhubesi Gas Field and associated infrastructure in License Block 2A off the west coast of South Africa. The project involved the drilling of 99 wells and a 110 km production pipeline to an onshore gas receiving facility. Jeremy's role included managing the EIA/EMP and public participation process, specialist report review and report writing.

**Well close-out report, E-M Gas Field, South Coast, South Africa: PetroSA (Pty) Ltd (2005)**

Close-out report for a workover on well E-M03P in the E-M mining lease off the South Coast of South Africa. Jeremy was responsible for report writing.

**South Coast Gas development project, Licence Block 9, South Coast, South Africa: PetroSA (Pty) Ltd (2004-2006)**

EIA and EMP for the development of the South Coast Gas project in Petroleum Licence Block 9 off the South Coast of South Africa. Jeremy was responsible for specialist report review and report writing.

**Refinery Conversion Project, Western Cape, South Africa: PetroSA (Pty) Ltd (2003-2005)**

EIA for the conversion of the PetroSA Refinery, near Mossel bay, for 100% unleaded fuel production. Jeremy's role included managing the EIA process and public participation process, specialist report review and EIA report writing.

**Mining****Opuwo Cobalt Project, Opuwo, Kunene Region, Namibia: Gecko Cobalt Mining (Pty) Ltd (2019)**

EIA (Scoping phase) for the proposed Opuwo Cobalt Project Near Opuwo in the Kunene Region of Namibia. Based on the results of exploration drilling undertaken since 2017, Gecko is proposing to apply for a Mining Licence (ML) to mine the ore (copper and cobalt mineralisation) through a combined open-pit and underground mine and to process this material on site within the proposed ML area, which is located within EPL 4346. Jeremy's role included managing the EIA and public participation process, specialist report review and report writing.

**Offshore diamond mining in Sea Concessions 2c and 3c, the West Coast, South Africa: Belton Park Trading 127 (Pty) Ltd (2018)**

Amendment application to expand the approved diamond mining target area within Sea Concession 2C, as well as the Mining Right area to include Sea Concession 3C. Jeremy's role included managing the EIA and public participation process, specialist report review and EIA / EMP report writing.

**Salt mine, Velddrift, South Africa: Velddrift Salt Company (Pty) Ltd (2018)**

Update the Financial Provision for the salt mine on Portion 69 of Farm 110 near Velddrift, Western Cape, South Africa. Jeremy's role included project management, client liaison and report review.

**EIA / EMP amendment for mining rights, West Coast, South Africa: Alexkor RMC Pooling and Sharing Joint Venture (2017-2018)**

EIA EMP Amendment for Mining Rights 554MRC, 10025MR, 512MRC and 513MRC (diamonds) located off the West Coast of South Africa, situated roughly between Kleinzee and Port Nolloth. Jeremy's role included managing the EIA / EMP and public participation process, specialist report review and EMP report writing.

**Salt mine, Velddrift, South Africa: Velddrift Salt Company (Pty) Ltd (2012)**

EIA / EMP amendment for a salt mine on Portion 69 of Farm 110 near Velddrift, Western Cape, South Africa. Jeremy's role included managing the EIA / EMP and public participation process, specialist report review and EMP report writing.



**Mineral prospecting, West and South-West Coasts, South Africa: Green Flash Trading 251 & 257 (Pty) Ltd (2012)**

EIA / EMP amendment for the prospecting for minerals off the West and South-West Coast of South Africa. Jeremy was responsible for report writing.

**Sand mine rehabilitation, Macassar, South Africa: Umhlaba Environmental Consulting CC (2011)**

EMP for the rehabilitation of Afrisam's Sand Mine in Macassar, Western Cape, South Africa. Jeremy's role included managing the EMP process, specialist report review and EMP report writing.

**Heavy mineral prospecting, Namaqualand, South Africa: White Water Resources Limited (2009)**

EIA s/ EMPs for ten prospecting applications in an area north of the Olifants River. Namaqualand, South Africa. Jeremy's role included managing the EIA / EMP process, specialist report review and EIA / EMP report writing.

**Mining Right conversion application, Western Cape, South Africa: Velddrift Salt Company (Pty) Ltd (2006-2009)**

Conversion application from an old order mining right from the Velddrift Salt Company's saltworks. Jeremy acted as the project manager and was responsible for the conversion application and EMP report writing.

**Coega Brick – Brickworks, Eastern Cape, South Africa: Coega Brick (2003)\*\***

EIA / EMP amendment for operations at the Coega Brick brickworks. Jeremy was responsible for report writing.

**Corridor Sands Heavy Mineral Mining Project, Gaza Province, Mozambique: Corridor Sand Limitada (1999-2002)\*\***

EIA and EMP for the Southern Mining Corporation's Corridor Sands Heavy Mineral Mining Project, Gaza Province, Mozambique. Jeremy's role included managing the EIA/EMP and public participation process, specialist report review and report writing.

**Moma Titanium Minerals Project in Nampula Province, Mozambique: Kenmare Resources (2002)\*\***

EMP for the Kenmare Moma Titanium Minerals Project in Nampula Province, Mozambique. Jeremy was responsible for EMP report writing.

**Corridor Sands Heavy Mineral Mining Project, Gaza Province, Mozambique: Southern Mining Corporation Ltd (1999-2002)\*\***

Vegetation and floristics specialist report for the Corridor Sands EIA, Gaza Province, Mozambique. Jeremy undertook the baseline assessment and compiled the vegetation and floristics report.

**Quarry, Willowvale, Transkei: BESC Consulting (1999)\*\***

Biological survey for a quarry near Willowvale in the Transkei. Jeremy compiled the biological survey report.

**Roads and Related Infrastructure**

**Broadway Boulevard Dualling Project, Western Cape, South Africa: HHO Africa for the City of Cape Town (2016)**

Basic Assessment for stormwater infrastructure required as part of the Broadway Boulevard Dualling Project, Strand, Western Cape. Jeremy's role included managing the Basic Assessment and public participation process, specialist report review and report writing.

**Gansbaai-Bredasdorp Road Upgrade Project, Western Cape, South Africa: HHO Africa for WCG: Dept. of Transport and Public Works (2016-2017)**

Closure application for seven borrowpits used during Phase 3 of the Gansbaai-Bredasdorp Road Upgrade Project, Western Cape. Jeremy's role included managing the closure application process, report writing and liaison with the competent authority.

**Phase 3 of the Gansbaai-Bredasdorp Road Upgrade Project, Western Cape, South Africa: HHO Africa for WCG: Dept. of Transport and Public Works (2013-2015)**

ECO for the third phase of construction (km 7.8 to km 36.0) of the road between Gansbaai and Bredasdorp, Western Cape. Jeremy acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMP.

**Gansbaai-Bredasdorp Road Upgrade Project, Western Cape, South Africa: HHO Africa for WCG: Dept. of Transport and Public Works (2014)**

Basic Assessment for a causeway near Elim and a box culvert near Baardskeerdersbos / Pearly Beach Intersection, Western Cape. Jeremy's role included managing the Basic Assessment and public participation process, specialist report review and report writing.

**Hermanus – Stanford Road Upgrade Project, Western Cape, South Africa: EFG Engineers (Pty) Ltd for WCG: Dept. of Transport and Public Works (2013-2014)**

Basic Assessment for the upgrading of Trunk Road 28 Section 2 (TR28/2) between Hermanus and Stanford, Western Cape. Jeremy's role included managing the Basic Assessment and public participation process, specialist report review and report writing.

**Borrowpits for the Gansbaai-Bredasdorp Road Upgrade Project, Western Cape, South Africa: HHO Africa (Pty) Ltd (2012)**

Screening, Basic Assessment and EMP for nine proposed borrowpits for Phase 3 of the Gansbaai-Bredasdorp Road Upgrade Project, Western Cape. Jeremy's role included managing the Screening, Basic Assessment and public participation process, specialist report review and report writing.

**Repair of flood damaged bridges, Western Cape, South Africa: Bergstan South Africa for WCG: Dept. of Transport and Public Works (2010)**

Basic Assessment for the repair of two flood damaged bridges in the Worcester and De Doorns area. Jeremy's role included managing the Basic Assessment process and report review.

**Phase 3 of the Gansbaai-Bredasdorp Road Upgrade Project, Western Cape, South Africa: HHO Africa for WCG: Dept. of Transport and Public Works (2010)**

EMP for Phase 3 borrowpits required for the Gansbaai-Bredasdorp Road Upgrade Project. Jeremy acted as the project manager and was responsible for compiling the EMP.

**Phase 2 of the Gansbaai-Bredasdorp Road Upgrade Project, Western Cape, South Africa: HHO Africa for WCG: Dept. of Transport and Public Works (2009-2010)**

ECO for the second phase of construction (km 0 to km 7.8) of the road between Gansbaai and Bredasdorp, Western Cape. Jeremy acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMP.

**Borrowpit development, Overberg District, South Africa, PD Naidoo & Associates (Pty) Ltd for WCG: Dept. of Transport & Public Works (2006-2008)**

EMP for the development of 17 strategic borrowpits for the regraveling of trunk-, main- and divisional roads in the Overberg District. Jeremy's role included managing the EMP and public participation process, specialist report review and report writing.

**Bridge and culvert rehabilitation, Western Cape, South Africa: BKS (Pty) Ltd / Goba (Pty) Ltd JV for WCG: Dept. Transport and Public Works (2006-2008)**

ECO for the rehabilitation of bridges and major culverts in the Calitzdorp, Oudtshoorn and De Rust area. Jeremy acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMP.

**Phase 2 of the Gansbaai-Bredasdorp Road Upgrade Project, Western Cape, South Africa: HHO Africa for WCG: Dept. of Transport and Public Works (2010)**

EMP for Phase 2 of Gansbaai-Bredasdorp Road Upgrade Project. Jeremy acted as the project manager and was responsible for compiling the EMP.

**Bridge and culvert rehabilitation, Western Cape, South Africa: BKS (Pty) Ltd / Goba (Pty) Ltd JV for WCG: Dept. Transport and Public Works (2005)**

Construction EMP for the rehabilitation of bridges and culverts in the Calitzdorp, Oudtshoorn and De Rust area. Jeremy acted as the project manager and was responsible for compiling the EMP.

**Phase 1 of the Gansbaai-Bredasdorp Road Upgrade Project, Western Cape, South Africa: HHO Africa for WCG: Dept. of Transport and Public Works (2009-2010)**

ECO for the first phase of construction of the road between Gansbaai and Bredasdorp, Western Cape. Jeremy acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMP.

**Phase 1 of the Gansbaai-Bredasdorp Road Upgrade Project, Western Cape, South Africa: HHO Africa for WCG: Dept. of Transport and Public Works (2010)**

EMP for Phase 1 borrowpits required for the Gansbaai-Bredasdorp Road Upgrade Project. Jeremy acted as the project manager and was responsible for specialist report review and compiling the EMP.

**Kat River Causeway, Eastern Cape, South Africa: MBB Engineers (2000)\*\***

Scoping study for the upgrading of a causeway over the Kat River, Fairbairn, Eastern Cape. Jeremy's role included managing the Scoping and public participation process, specialist report review and report writing.

**Ngqura harbour dune stabilisation, Eastern Cape, South Africa: Prestedge, Retief, Dresner & Wijnberg (1999)\*\***

Stabilisation specifications for work areas and roads within the proposed Ngqura (ex Coega) harbour area. Jeremy was responsible for report writing.

**Landfill Sites and Wastewater Treatment Works**

**Bedford sewage works upgrade, Eastern Cape, South Africa: V3 Consulting Engineers (1999)\*\***

Scoping study for Phase II of the upgrading of the Bedford reticulation system and current sewage works. Jeremy's role included managing the Scoping and public participation process, specialist report review and report writing.

**Bedford sewerage reticulation system, Eastern Cape, South Africa: V3 Consulting Engineers (1999)\*\***

Scoping study for the construction of a waterborne sewerage reticulation system in Nyarha and Goodwin Park, Bedford, and for the rehabilitation and upgrading of the sewerage treatment works. Jeremy's role included managing the Scoping and public participation process, specialist report review and report writing.

**Hole-in-the-Wall car park and ablution facilities, Eastern Cape, South Africa: Department of Public Works (1999)\*\***

Scoping study for the proposed car park and ablution facilities at Hole-in-the-Wall. Jeremy's role included managing the Scoping and public participation process, specialist report review and report writing.

**Coffee Bay car park and ablution facilities, Eastern Cape, South Africa: Department of Public Works (1999)**

Scoping study for the proposed car park and ablution facilities at Coffee Bay. Jeremy's role included managing the Scoping and public participation process, specialist report review and report writing.

**Water and Sewage Pipelines**

**Water Supply Augmentation Project, Caledon, South Africa: SAB Maltings (Pty) Ltd (2020)**

ECO for the SAB water pipeline to augment the supply of water to the SAB Maltings plant in Caledon. Jeremy was responsible for overall project management and QA/QC.

**Water Supply Augmentation Project, Caledon, South Africa: SAB Maltings (Pty) Ltd (2019)**

Basic Assessment for water supply augment project to ensure continued uninterrupted operation at the maltings plant. The project included a borehole and 12 km pipeline. Jeremy's role included managing the Basic Assessment and public participation process, specialist report review and report writing.

**Seawater Augmentation Project, Velddrift, South Africa: Velddrift Salt Company (Pty) Ltd (2003-2009)**

Scoping study, EMP and ECO for a seawater pump station and pipeline to augment water supply to the Velddrift Salt Company's operation north of Laaiplek, Western Cape. Jeremy's role included managing the Scoping and public participation process, specialist report review and report writing. Jeremy also acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMP.

**Tygerberg Region - Durbanville North Bulk Water Supply Project, Western Cape, South Africa: City of Cape Town (2004-2005)**

ECO for the Durbanville North Bulk Water Supply (Gravity Main Phase 2). Jeremy acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMP.

**Rivers, Dams and Wetlands**

**Phase 1H of the Lourens River Flood Alleviation Project, Western Cape, South Africa: Royal HaskoningDHV (Pty) Ltd for City of Cape Town (2016-2018)**

ECO for Phase 1H of the Lourens River Flood Alleviation project, Western Cape. Jeremy acted as the project manager.

**Phase 1G of the Lourens River Flood Alleviation Project, Western Cape, South Africa: Royal HaskoningDHV (Pty) Ltd for City of Cape Town (2015)**

ECO for Phase 1G of the Lourens River Flood Alleviation project, Western Cape. Jeremy acted as the project manager.

**Lourens River Stormwater Outlets, Litter Traps and Detention Pond, Western Cape, South Africa: Royal HaskoningDHV (Pty) Ltd for City of Cape Town (2015)**

Basic Assessment for Lourens River Stormwater Outlets, Litter Traps and Detention Pond, Somerset West. Jeremy's role included managing the Basic Assessment and public participation process, specialist report review and report writing.

**Phase 1E of the Lourens River Flood Alleviation Project, Western Cape, South Africa: SSI Engineers and Environmental Consultants (Pty) Ltd for City of Cape Town (2012-2013)**

ECO for Phase 1E of the Lourens River Flood Alleviation project, Western Cape. Jeremy acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMP.

**Phase 1D of the Lourens River Flood Alleviation Project, Western Cape, South Africa: SSI Engineers and Environmental Consultants (Pty) Ltd for City of Cape Town (2008-2010)**

ECO for Phase 1D of the Lourens River Flood Alleviation project, Western Cape. Jeremy acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMP.

**Kuils River Flood Alleviation Project, Western Cape, South Africa: Sujean Investments (Pty) Ltd (2010-2011)**

Basic Assessment for the proposed Kuils River flood alleviation measures for Erf 38771, Bellville. Jeremy's role included managing the Basic Assessment and public participation process, specialist report review and report writing.

**Retention ponds, Western Cape, South Africa: Nsele Trading 44 (Pty) Ltd (2004-2006)**

Scoping study for the proposed diversion of a canalised stream into three new retention ponds on the remainder of farm 1407, Sunnysdale (Noordhoek). Jeremy's role included managing the Scoping and public participation process, specialist report review and report writing.

**General Industry**

**Pre-mixed dry mortar facility, Western Cape, South Africa: Mortar SA (Pty) Ltd (2018-2019)**

SLR was appointed to facilitate the Atmospheric Emission Licence (AEL) application process to the West Coast District Municipality and associated public participation process. Jeremy's role included managing the AEL and public participation process, specialist report review (Atmospheric Impact Report) and compilation of the Public Participation Report.

**Abalone Processing Facility, Western Cape, South Africa: Irvin & Johnson Limited (2017-2019)**

Basic Assessment for an abalone processing facility at Danger Point near Gansbaai. Jeremy acted as the project manager and was responsible for report review.

**Abalone Expansion Project, Gansbaai, Western Cape, South Africa: Irvin & Johnson Limited (2017-2019)**

EIA for an abalone expansion project at Danger Point near Gansbaai. The project involved expanding the facility's production from 500 tons per annum (t/a) to 1700 t/a. Jeremy's role included managing the EIA process and public participation process, specialist report review and EIA report writing.

**Atmospheric Emission Licence application: Clay Industry cc (2015)**

Atmospheric Emission Licence amendment application in terms of the National Environmental Management: Air Quality Act. Jeremy acted as the project manager and was responsible for compiling the amendment application.

**Offshore aquaculture Project, Western Cape, South Africa: Irvin & Johnson Limited (2007-2009)**

Basic Assessment for an aquaculture project in Mossel Bay. The project involved the develop of 18 floating flexible type cages within a concession area off the coast of Mossel Bay to produce indigenous line fish (namely yellow tail, dusky cob and silver cob). Jeremy's role included managing the Basic Assessment process and public participation process, specialist report review and report writing.

**Atlantis and Mossel Bay Open Cycle Gas Turbines, Western Cape, South Africa: Eskom Holdings Limited (2006-2008)**

Environmental compliance audits for the Atlantis and Mossel Bay Open Cycle Gas Turbines. Jeremy's role included managing the audit process and compiling the audit report, which outlined the implementation of the EMP (compliance) and highlighted any problems and non-compliance issues that arose during construction.

**Coega IDZ, Eastern Cape: Coega Development Corporation (1999-2000)\*\***

EIA for the Rezoning of the Core Development Area from Agriculture to Special Purposes for the establishment of the Coega Industrial Development Zone. Jeremy was responsible for managing the public participation process, specialist report review and report writing.

**Power Lines / Transmission Lines****Mwanza to Pombeya Power line, Malawi: Electricity Supply Corporation of Malawi (2003)\*\***

Scoping study for the Mozambique – Malawi 220km interconnection 220 / 400kV power line from Mwanza to the substation at Pombeya, Malawi. Jeremy's role included managing the Scoping and public participation process, specialist report review and report writing.

**East London IDZ power line, Eastern Cape, South Africa: Eskom (2002)\*\***

Scoping study for construction and operation of the East London Industrial Development Zone power line. Jeremy's role included managing the Scoping and public participation process, specialist report review and report writing.

**Trollip power line, Eastern Cape, South Africa: Eskom (2002)\*\***

Scoping study for construction and operation of Eskom's Trollip scheme (22kV power line), Cape St. Francis, Eastern Cape. Jeremy's role included managing the Scoping and public participation process, specialist report review and report writing.

**Kenmare Moma Power line: Kenmare Resources (2002)\*\***

Vegetation and floristics specialist report: Kenmare Moma Power line Environmental Impact Assessment, Nampula Province, Mozambique. Jeremy undertook the baseline assessment and compiled the vegetation and floristics report.

**Corridor Sands Power Line, Gaza Province, Mozambique: Corridor Sands Limitada. (2001-2002)\*\***

EIA for the Southern Mining Corporation Corridor Sands Power Line from Chibuto to Maputo, Gaza Province, Mozambique. Jeremy was the project manager and responsible for the EIA and public participation process, specialist report review and EIA report writing.

**Corridor Sands Power Line, Gaza Province, Mozambique: Corridor Sands Limitada. (2001-2002)\*\***

Vegetation and floristics specialist report: Corridor Sands Power line Environmental Impact Assessment, Mozambique. Jeremy undertook the baseline assessment and compiled the vegetation and floristics report.

**Poseidon - Albany power line, Eastern Cape, South Africa: Eskom (2002)\*\***

Vegetation survey of the corridor for the proposed Eskom 400kV power line between Poseidon and Albany substations, Eastern Cape. Jeremy undertook the baseline assessment and compiled the vegetation and floristics report.

**Railways****Corridor Sands Railway line, Gaza Province, Mozambique: Corridor Sands Limitada (2001)**

EIA for the Corridor Sands Rail link from Chibuto to Barragem, Gaza Province, Mozambique. Jeremy was the project manager and responsible for the EIA and public participation process, specialist report review and EIA report writing.

**Corridor Sands Railway line, Gaza Province, Mozambique: Corridor Sands Limitada (2001)**

Vegetation survey of the Corridor Sands Rail link from Chibuto to Barragem, Gaza Province, Mozambique. Jeremy undertook the baseline assessment and compiled the vegetation and floristics report.

**Housing / Property Development****Beverley Estate and Jubilee Park residential developments, Western Cape, South Africa: South African Dutch Development (Pty) Ltd (2012)**

ECO services for the residential development on Erf 1366 (Beverley Estate) and Erf 5540 (Jubilee Park), Eerste River. Jeremy acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMP.

**Morgen's Village 3 and Westcape residential developments, Western Cape, South Africa: Cape Town Community Housing Company (Pty) Ltd (2012)**

ECO services for the Morgen's Village 3 and Westcape Precincts, Mitchell's Plain. Jeremy acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMP. Jeremy acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMP. Jeremy acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMP.

**Phase 2 to 4 of the Bardale Housing Scheme, Western Cape, South Africa: City of Cape Town (Human Settlements) (2009-2012)**

ECO for the construction of the Bardale Housing Scheme (Phases 2 to 4) on the Remainder of the Farm Stellenbosch No. 451 (Bardale), Mfuleni. Jeremy acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMP.

**Karbonkelberg Housing Development, Western Cape: Sovereign Seekers Investments 77 (Pty) Ltd (2007-2012)**

Basic Assessment for the proposed rezoning and subdivision of Erf 4870, Karbonkelberg, Hout Bay. Jeremy's role included managing the Basic Assessment process and public participation process, specialist report review and report writing.

**Eerste River housing development, Western Cape, South Africa: Hope of Africa Foundation (2007-2008)**

Basic Assessment for the proposed rezoning and subdivision of Erf 5540, Eerste River. Jeremy's role included managing the Basic Assessment process and public participation process, specialist report review and report writing.

**Driftsands Housing Project: City of Cape Town (Directorate: Human Settlements) (2006-20012)**

EIA for the proposed rezoning and subdivision a portion of the Driftsands Nature Reserve to consolidate and upgrade the existing informal settlements of Green Park and Los Angeles. Jeremy was the project manager and responsible for the EIA and public participation process, specialist report review and EIA report writing.

**Willowbridge Shopping Centre, Western Cape, South Africa: Attfund Limited (2011)**

EMP for Willowbridge North and South shopping centre, Kenridge, Bellville. Jeremy acted as the project manager and was responsible for EMP report writing.

**Eerste River rezoning and subdivision, Western Cape, South Africa: Tech-Sure Fin cc (2006-2007)**

Basic Assessment for the proposed rezoning and subdivision of Erf 1366, Eerste River. Jeremy's role included managing the Basic Assessment process and public participation process, specialist report review and report writing.

**Eerste River housing development, Western Cape, South Africa: Hope of Africa Foundation (2004-  
Brights Hardware car park, Western Cape, South Africa: Brights Hardware (2006-2007)**

Basic Assessment for the proposed rezoning of Portion of Erf 10565 (Public Open Space) for the development of a car park, Boston, Cape Town. Jeremy acted as the project manager and was responsible for report review.

**Phase 1 of the Bardale Housing Scheme, Western Cape, South Africa: City of Cape Town (Human Settlements) (2005-2007)**

Construction EMP and ECO for the construction of the Bardale Housing Scheme on the Remainder of the Farm Stellenbosch No. 451 (Bardale), Mfuleni. Jeremy compiled the EMP and acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMP.

**Willow Village Lifestyle Centre, Western Cape, South Africa: Attfund Limited (2005-2007)**

EMP and ECO for the construction and operation of the Willow Village Lifestyle Centre on Erf 1201 (portion of Erven 975 & 976) Kenridge, Bellville. Jeremy compiled the EMP and acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMP.

**Bowling Club relocation, Western Cape, South Africa: Mini-Cape Developments (Pty) Ltd (2005-2006)**

Scoping Checklist and EMP for the proposed relocation of the Old Oak Bowling Club to a portion of public open space on Erf 2225, Bellville. Jeremy acted as the project manager and was responsible for compiling the Scoping Checklist and EMP.

**Hout Bay rezoning and subdivision, Western Cape, South Africa: Target Shelf 151 cc (2005-2006)**

EIA for the proposed rezoning and subdivision of Erf 1480, Hout Bay. Jeremy was the project manager and responsible for the EIA and public participation process, specialist report review and EIA report writing.

**Willow Village Lifestyle Centre, Western Cape, South Africa: Mini-Cape Developments (Pty) Ltd (2004-2007)**

ECO for the construction of the Willowbridge Shopping Centre, Kenridge, Bellville. Jeremy acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMP.

**2005)**

Scoping Study for the proposed rezoning and subdivision of Erf 5540, Eerste River. Jeremy's role included managing the Scoping and public participation process, specialist report review and report writing.

**Hout Bay rezoning and subdivision, Western Cape, South Africa: Lezmin cc (2003-2005)**

EIA for the proposed rezoning and subdivision of Erf 1156, Hout Bay. Jeremy was the project manager and responsible for the EIA and public participation process, specialist report review and EIA report writing.

**Hout Bay rezoning, Western Cape, South Africa: Bellemar Properties (2003-2004)**

EIA for the proposed rezoning of Erf 1127 and 1128, Hout Bay. Jeremy was the project manager and responsible for the EIA and public participation process, specialist report review and EIA report writing.

**Elephant Park Resort, Maputo Special Reserve, Mozambique: Van Horsten Property Holdings Pty Ltd (2003)\*\***

Pre-feasibility assessment for the proposed elephant park resort, Maputo Special Reserve, Mozambique. Jeremy compiled the pre-feasibility assessment report.

**Sanderling Development, Western Cape, South Africa: SRK Consulting (1999)\*\***

Biological survey of the wetland on the Sanderlings residential development site, Plettenberg Bay. Jeremy undertook the baseline assessment and compiled the vegetation report.

## Memberships and Associations

- Environmental Assessment Practitioners Association of South Africa (EAPASA): Registered Environmental Assessment Practitioner (Number 2019/1368).
- South African Council for Natural Scientific Professions (Pr.Sci.Nat.): Registered as a Professional Natural Scientist - Environmental Scientist (Reg. no. 400164/06).
- International Association for Impact Assessment South Africa (IAIAAsa): Member of IAIAAsa (Membership Number: 544).

## Publications

- Application Procedure for the Development and Use of Groundwater. WRC Report No. 1510/1/08. Parsons, R., Eichstadt, L., Crowther, J. & Blood, J. (2008).
- Embryonic deaths in relation to water loss of artificially incubated ostrich eggs. Proceedings of the Second International Ratite Congress. Blood, J.R., Van Schalkwyk, S.J., Cloete, S.W.P. & Brand, Z. (1998).
- The effect of dietary fibre level on the production of growing ostriches. Proceedings of the Second International Ratite Congress. Salih, M.E., Brand, T.S., Van Schalkwyk, S.J., Blood, J., Brand, Z. & Akbay, R. (1998).
- Number of cellulolytic bacteria in the gastro-intestinal tracts of ostriches fed diets with different fibre levels. Proceedings of the Second International Ratite Congress. Salih, M.E., Brand, T.S., Van Schalkwyk, S.J., Blood, J.R., Pfister, B. & Akbay, R. (1998).
- The effect of pre-heating of ostrich eggs prior to storage and setting in commercial hatcheries. Proceedings of the Second International Ratite Congress. Brand, Z., Van Schalkwyk, S.J., Cloete, S.W.P. & Blood, J.R. (1998).
- The influence of different disinfection protocols on the hatching performance of ostrich eggs. Proceedings of the Second International Ratite Congress. Van Schalkwyk, S.J., Brand, Z., Cloete, S.W.P. & Blood, J.R. (1998).



Alice has a background in oceanography and marine biology, with a specific interest in the interconnected relationship between the two. Over the last six years, she has been involved in various marine habitat monitoring, impact assessment and specialist studies across Southern Africa. Alice applies her expertise in project management, data analysis, research and scientific report writing within the fisheries, energy, and environmental sectors as part of the Environmental Specialist Services team at SLR.

## Education

- MSc in Biological Sciences, University of Cape Town & l'Université de Bretagne Occidentale (UBO) (2017)
- BSc Hons in Physical Oceanography, University of Cape Town (2015)
- BSc in Ocean and Atmosphere Science and Marine Biology, University of Cape Town (2014)

## Project Experience

### **Water Quality Monitoring Campaign, Consultec/Eni (2022)\*\***

Water quality monitoring campaign at an offshore floating LNG platforming Mozambique, including field work and reporting.

### **Marine Ecology Assessment, Milnex Consulting (2022)\*\***

Marine Ecology Specialist Study and Impact Assessment for marine mining prospecting activities on the west coast of South Africa.

### **Environmental Status Reports, City of Cape Town (2022)\*\***

Environmental summary reports on modelling and measurement programmes at Camps Bay, Green Point and Hout Bay marine outfalls.

### **Benthic Ecology and Biodiversity Assessments, City of Cape Town (2022)\*\***

Project management and field work lead for benthic and biodiversity assessments at the Camps Bay outfall.

### **Benthic Ecology Monitoring Campaign, IMDH (2019-2022)\*\***

Project management and field work lead for a benthic monitoring survey in an offshore diamond mining block on the West Coast of South Africa.

### **Marine Monitoring Campaign, Total Mozambique (2020-2021)\*\***

Project manager and lead of a nearshore and offshore water quality and ecological monitoring campaign for LNG plant development in Mozambique.

### **Oil Spill Risk Assessment, De Beers Mining (2020)\*\***

Development of an environmental risk assessment and presentation focussed on oil spills along the West Coast of South Africa and Namibia.

### **Nearshore Baseline Study, New Age (2020)\*\***

Oversight, field work and management of seasonal baseline study in support of the LNG project EIA in Limbe, Cameroon.

### **Coastal Water Discharge Permit Assessment, (2019)\*\***

Marine ecology and water quality baseline study and impact assessment for a proposed desalination outfall in St Helena Bay.

### **Water Quality Monitoring Campaign, City of Cape Town (2019)\*\***

Oversight, field work and management of a long-term water quality measurement campaign at four locations within the Western Cape to assist with desalination site selection.

## Memberships and Associations

- South African Council for Natural Scientific Professions (SACNASP); Professional Natural Scientist, 124017
- International Association for Impact Assessment South Africa (IAIASA)

## Publications

McGrath, A.M., Hermes, J.C., Moloney, C.L., Roy, C., Cambon, G., Herbette, S. and Van der Lingen, C.D., 2020. **Investigating connectivity between two sardine stocks off South Africa using a high-resolution IBM: Retention and transport success of sardine eggs.** Fisheries Oceanography, 29(2), pp.137-151.

## Additional Training

- Environmental Assessment Practitioner Introduction
- Environmental Legal Compliance, Auditing and Monitoring
- Business Development Management
- Class IV Commercial Diver
- Data management using Python
- Strategic Communication for Sustainability Leaders
- Level I First Aid
- Offshore survival (BOSIET)



Robyn has more than 6 years direct work experience in the mining sector within Namibia, assisting international companies in their liaison with local stakeholders and government directorates and conducting EIA processes. Robyn has acted as the primary environmental contact for a Namibian mining operation, implementing the EMP, liaising with government and stakeholders and reporting on mining activities and environmental compliance.

## Education

- LLB, University of Cape Town (2016)
- B.Sc Environmental Restoration, Murdoch University (2007)

## Project Experience

### Gratomic ECC Renewal, Gratomic Graphite (2023)

Gratomic Graphite is currently in the exploration and construction phase of developing the Aukam Mine on ML215. The Environmental Clearance Certificate requires renewing every 3 years, requiring a site wide audit against the approved Environmental Management Plan. Site audit was conducted in May 2023 by Robyn, and the report submitted with the application for renewal in June 2023.

### Alten ECC Renewal, Alten Energies Renovables (2022)

The Hardap PV Plant has capacity of 45MW, feeding directly into the 66kV Hardap substation. The Environmental Clearance Certificate requires renewing every 3 years, requiring a site wide audit against the approved Environmental Management Plan. Site audit was conducted in May 2022 by Robyn, and the report submitted with the application for renewal. The ECC was awarded in November 2022.

### Hyphen Green Hydrogen Project , Hyphen Hydrogen Energy (2022-2023)

Hyphen Hydrogen Energy is proposing a green hydrogen project located in the Tsau//Khaeb National Park, requiring a full Environmental Impact Assessment process. Project assistant as needed, focusing on Public Participation process, local government engagement where required.

### HDF Energy, Renewastable® Project (2022)

HDF Renewastable® Swakopmund Project combines solar Photovoltaic (PV) power along with hydrogen production to generate stable, detachable power to the national grid.

### Weatherly Mining Namibia, Tschudi Mine (2018-2020)\*\*

Tschudi Copper Mine (Tsumeb, Namibia): Environmental Officer undertaking all environmental related work on-site: Field work, data analysis, public participation, training,

writing of bi-annual environmental reports, ensuring audit compliance and validity of environmental clearance certificate

### Jindal Resources (2013)

Jindal Resources wished to undertake exploration and drilling activities on their EPLs. Project lead: public participation, field assessment, specialist management, submission of ECC application, Scoping Report and EMP.

### Rössing Uranium Ltd – Z20 Expansion Project (2013)

Rössing Uranium Ltd wished to conduct a scoping exercise into the viability of an expansion into the Z20 resource. Scoping Team Member: Responsible for coordinating specialists, liaison with stakeholder, public participation arrangements, report writing and general project administration.

### Swakop Uranium – Husab Mine EIA (2012)

Swakop Uranium wished to develop their Husab Mine project, requiring and EIA process. EIA and EMP Project Team Member: Primary responsibilities: project and team coordination and public participation organization

## Memberships and Associations

- Environmental Assessment Practitioners Association of Namibia – Ordinary Member