



Konrad Krüger

Education BSc Honours (Geography) University of Pretoria 2003 (cum laude)
BSc Environmental Sciences, University of Pretoria 2002

Affiliations International Association of Impact Assessors (South Africa)

Experience **Zitholele Consulting (Pty) Ltd** **Midrand, South Africa**

June 2009 to date

Environmental Scientist

Responsible for marketing, client management, project management and resource coordination for Environmental Impact Assessments, Scientific Services and Environmental Management Plans as well as other related environmental services. In addition, participation in building capacity and expertise within Zitholele Consulting, ultimately maintaining a quality service in the Public Sector.

March 2009 to May 2009

Phoenix Enviro-Social Consulting Services

Roodepoort, South Africa

Environmental Consultant

Responsible for marketing, client management, project management and resource coordination for Environmental Impact Assessments, Environmental Management Plans, Social Impact Assessments, Public Participation and Facilitation, Environmental Compliance Auditing, Environmental Risk Assessments, Rehabilitation Plans, Rehabilitation Monitoring and Auditing and strategic planning. Furthermore the consultant was also tasked with managing the Scientific Services Unit at Cymbian. This unit was responsible for undertaking Ecological, Soil, Land Capability, Land Use, Visual, GIS, Geology, Topography and Agricultural Assessments.

February 2005 to March 2009

Cymbian Enviro-Social Consulting Services

Randburg, South Africa

Environmental Consultant

Responsible for marketing, client management, project management and resource coordination for Environmental Impact Assessments, Environmental Management Plans, Social Impact Assessments, Public Participation and Facilitation, Environmental Compliance Auditing, Environmental Risk Assessments, Rehabilitation Plans, Rehabilitation Monitoring and Auditing and strategic planning. Furthermore the consultant was also tasked with managing the Scientific Services Unit at Cymbian. This unit was responsible for undertaking Ecological, Soil, Land Capability, Land Use, Visual, GIS, Geology, Topography and Agricultural Assessments.

June – August 2004

Strategic Environmental Focus

Pretoria, South Africa

Jnr Environmental Consultant

Duties included compilation of Scoping Reports, Environmental Management Plans (EMP), Environmental Management Programme Reports (EMPR) and the undertaking of site assessments.

June 2000 and June 2002

BHP Billiton (then Billiton)

Johannesburg South Africa

Junior Researcher

Assisting with the compilation of the annual Health Safety and Environmental Report for the company, conducted research with regards to the implementation of Agenda 21 for the World Summit.

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PROJECT RELATED EXPERIENCE

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| North West Department of Roads and Traffic | Mafikeng, South Africa |
| Compilation of an EMPR for two borrow pits to be utilised for road upgrades. | |
| Xstrata Coal South Africa - Kriel | Kriel, South Africa |
| Environmental auditing of the Dragline relocation project. | |
| Xstrata Coal South Africa - Rietspruit | Kriel, South Africa |
| Dragline Relocation Scoping Report and associated Soil, Wetland, Vegetation Assessments and GIS mapping. | |
| De Beers Consolidated Mines – Cullinan | Cullinan, South Africa |
| Compilation of the EMPR update as well as the undertaking of Soil, Vegetation Assessments and GIS mapping for the project. | |
| De Beers Consolidated Mines – Venetia | Cullinan, South Africa |
| Internal ISO14001 audit for the Venetia Diamond Mine. | |
| South Witbank Colliery | Emalahleni, South Africa |
| Compilation of the Closure Plan and associated Risk Assessment. | |
| Samancor Manganese, Metalloys - MRSP | Meyerton, South Africa |
| Environmental Impact Assessment for the proposed Metal Recovery and Slag Processing Plant at Metalloys. Also undertook the stakeholder engagement, GIS, vegetation and soil specialist assessments for the project. | |
| Samancor Manganese, Metalloys – M6 | Meyerton, South Africa |
| Environmental Impact Assessment for the construction and operation of the M6 Furnace at Metalloys. | |
| Samancor Manganese, Metalloys – M17 | Meyerton, South Africa |
| Basic Environmental Assessment and Air Pollution Prevention Act (APPA) permit application for the proposed M17 Furnace Test Campaign, Metalloys Meyerton. | |
| Samancor Manganese, Metalloys - Salvage | Meyerton, South Africa |
| Basic Assessment and subsequent environmental training and auditing for the proposed upgrade of the Salvage Yard and the construction of an oil store at Metalloys. | |
| Samancor Manganese, Metalloys - Emission | Meyerton, South Africa |
| Compilation and research of an emission reduction strategy for the entire Samancor Manganese Metalloys, Meyerton Works. | |
| Samancor Manganese, Metalloys – ECA 20 | Meyerton, South Africa |
| ECA 20 risk assessments for the existing waste handling facilities at Metalloys. | |
| Samancor Manganese, Metalloys - WUL | Meyerton, South Africa |
| Water Use License Application for the entire Samancor Manganese Metalloys, Meyerton Works. | |
| Samancor Manganese, Metalloys - Audit | Meyerton, South Africa |
| Environmental auditing for the Fouriespruit Stream Diversion, the Amcor Dam and the old Slag Dumps at Metalloys. | |
| Samancor Manganese – Sinter | Hotazel, South Africa |
| EIA and Biophysical assessment (Soil, Land Capability, Land use, Fauna, Flora) for the proposed Sinter Plant at the Mamatwan Mine. | |

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Samancor Manganese, Metalloys - APPA **Meyerton, South Africa**
Research and compilation of the APPA certificate updates for the Metalloys plant.

Samancor Manganese, Metalloys – Elgen2 **Meyerton, South Africa**
Vegetation and soil investigation for the proposed Electricity Generation Plant at Metalloys.

Samancor Manganese, Metalloys - Pellet **Meyerton, South Africa**
Annual Environmental Performance Audit for the pelletising plant.

Anglogold Ashanti, Mponeng **Mponeng Mine, South Africa**
Clean and Dirty Water separation study.

Exxaro Resources/Samancor Manganese JV **Meyerton, South Africa**
EIA for the proposed AlloyStream Manganese Plant.

Lyon and Partners **Meyerton, South Africa**
Basic Environmental Assessment for the proposed Slagment substation and connecting 33kV power lines.

Barrick Mining, North Mara **Mara Region, Tanzania**
EMP update for the North Mara Gold Mine.

Kruger National Park - SEA **Limpopo & Mpumalanga, South Africa**
Strategic Environmental Assessment and GIS modelling for the proposed Tented Safari Camps in the Kruger National Park.

Kruger National Park – Office Park **Phalaborwa, South Africa**
Environmental auditing for the construction phase of the proposed Phalaborwa Office Park and Gate Upgrade Project in the Kruger National Park.

Kruger National Park – Olifants **Limpopo & Mpumalanga, South Africa**
Vegetation and Visual Assessment for the proposed day visitor's facility at the Olifants Camp, Kruger National Park.

Eskom – Bravo Integration Project **Gauteng and Mpumalanga, South Africa**

Conducted the Biophysical Specialist Studies (Ecology, soil, land capability, visual and wetland assessment and associated GIS) for the integration of the Bravo (Kusile) power station into the Eskom grid. Five EIAs for the proposed construction of overhead power lines and associated infrastructure for the Bravo Integration Project.

Eskom – Ingula **KwaZulu Natal, South Africa**
Wetland delineation for the proposed Braamhoekspruit Bridge upgrade WUL.

Eskom – Bapsfontein **Gauteng, South Africa**
Biophysical risk assessment (Fauna, Flora, Soils, Wetlands) for the proposed substation alternatives and connecting power lines.

Johannesburg City Power **Gauteng, South Africa**
Route selection report and associated specialist studies (Soils, Land Use, Fauna, Flora, Wetlands and GIS) for 2 power line route alternatives in Wilgeheuwel.

Billy Cahill **Gauteng, South Africa**
EIA and Exemption Application for a Residential Development in Raslouw, Centurion.

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Crown Silver Properties

EIA and Exemption Application for a Residential Development in Raslouw, Centurion.

Gauteng, South Africa

Johannesburg City Property Company

Basic Environmental Assessment Application for a Residential Development in Bryanston.

Gauteng, South Africa

Ramasega Agricultural Development Project

Agricultural feasibility study for the Ramasega development project.

Gauteng, South Africa

Teak Place Estate Development

Scoping Report, environmental auditing, WUL, specialist studies and GIS for the proposed Teak Place Estate Development in the Cradle of Humankind.

Cradle of Humankind, South Africa

Pala Meetse Eco Estate

Soil and Wetland delineation for the Pala Meetse Eco Estate, Modimolle.

Limpopo Province, South Africa

Noordheuwel Ext 17 and 19

Soil and Land Capability assessment for a residential development in Noordheuwel, Krugersdorp.

Gauteng, South Africa

SANRAL

Wetland delineation for the N17 borrow pit application, SANRAL.

Mpumalanga, South Africa

Bernard Glazer Trust

Vegetation, Tree Identification, Soil and Fauna survey for Holding 68 and 67 Morningside.

Gauteng, South Africa

Vibro Bricks

Vegetation Assessment for the proposed development on Portion 105, 106 and 331 of the Farm Knoppjeslaagte.

Gauteng, South Africa

Harmony Gold – Welkom

Soil mapping for the proposed Harmony Mega Tailings Facility, Welkom.

Free State, South Africa

Transnet

Vegetation and soil assessment for the proposed 3rd bypass line, Richards Bay Coal Terminal.

KwaZulu Natal, South Africa

Viva Construction – Portion 215

Soil assessment for the proposed industrial development of the Farm Nooitgedacht Portion 215.

Gauteng, South Africa

Viva Construction – Portion 8 and 36

Wetland delineation for the proposed development on Farm Nooitgedacht Portions 8 and 32

Gauteng, South Africa

Viva Construction – Mostyn Park

Biophysical site assessment for the proposed development of Portions 16, 17 and 18 of the Mostyn Park Smallholdings.

Gauteng, South Africa

Orlando Stadium

Screening sensitivity analysis for the Orlando Soccer Stadium upgrade

Gauteng, South Africa

Wesplan Town and Regional Planners

Vegetation, wetland, soil and fauna assessment for the proposed lodge development in the Vredefort Dome

North West, South Africa

Randfontein Golf Estate

Wetland delineation for the proposed Randfontein Golf Estate.

Gauteng, South Africa