



# Dewald Wilken

## Palaeontologist/Geologist/Environmental Control Officer

Dewald is a palaeontologist and geologist with experience in palaeontological impact assessment, environmental control, ground water, potable water, effluent, and Hazardous waste

### Education & qualifications

*MSc, Palaeontology NMMU (Now NMU), Port Elizabeth, South Africa, 2011*

*BSc Honours, Geology, NMMU, Port Elizabeth, South Africa, 2005*

*Thesis title “A Palaeolimnological study of the Knysna Wilderness area and its application to sea level change” supervisors R Shone & C Anderson*

*BSc Honours, GIS, NMMU, Port Elizabeth, South Africa, 2012*

*BSc, Geosciences, NMMU, Port Elizabeth, South Africa, 2005*

### Professional Affiliations

*South African Council for Natural Scientific Professions - Pr.Sci.Nat. – Professional Natural Scientist – 115344/4*

### Experience

#### Company Name:

**SRK Consulting**

Position:

Geologist / Palaeontologist / Environmental Control Officer

Duration:

2015 -2017

Duties:

*Paleontological Impact Assessment, Monitoring and enforcing environmental regulations, sampling, data capturing, data analysis and report writing*

#### Company Name:

**Nelson Mandela Metropolitan University**

Position:

Lecturer

Duties:

*Lecturing 1st, 2nd, 3rd, Honours, and extended Curriculum in Practical and Theory Classes*

(2004- 2015)

- *Mineralogy & Petrology*
- *Mapping*
- *Introduction to Earth*
- *Physical geology*
- *Photogrammetry*
- *Economic geology*
- *Sedimentology*
- *Stratigraphy*
- *Palaeontology*
- *Geomorphology*
- *Cartography (GIS)*

**Company Name:** **Anglo Gold Ashanti**

Position: In House facilitator

Duties: Lecturing and Examination of Practical &  
Theory Classes (2009-2013)

- Mineralogy & Petrology
- General geology
- Structural geology

**Company Name:** **Nelson Mandela Metropolitan University**

Position: Demonstrator

Duties: Tutoring students in practical methodology (2002-2005)

**Company Name:** **Council for Geoscience (2005)**

Position: Data capturer

Duties: Data capturing

### **Relevant project experience**

Gunstfontein WEF  
Kudusberg OYA  
Beaufort to Carnarvon SKA line  
Castle Rock  
Seriso Cultivation  
Leopards trail, Baviaans  
Mdantesane Interchange Upgrade

Palaeontological Walk Through  
Palaeontological Walk Through  
Palaeontological impact assessment  
Palaeontological impact assessment  
Palaeontological impact assessment  
Palaeontological impact assessment  
Palaeontological impact assessment

Coega Development Corporation Zone 1  
Palaeontological Investigation APLI Cold  
storage facility.

R336 Road and Bridge upgrade Addo-  
Kirkwood

Coega Development Corporation Zone 1  
Palaeontological Investigation BAIC.  
Chatty Link Rd. Extension.

Kelvin Jones WWTW Upgrade

Kabah Langa Phase 6 Civil Service  
Infrastructure  
Bloemendal Arterial Extension.

Malabar Extension 6 Phase 2 Housing.

Jachtlakte Precinct Sustainable Housing  
Plan: HS5B.

Coega Kop Aquatic Study

TPT Water and Effluent Monitoring.

TPT Bulk Terminal Monitoring

NMBM Water Quality Project

Motherwell Canal Monitoring

Coega CDC Monitoring

NMBM monitoring – Arlington,  
Koedoeskloof, iBhayi, Kwanobuhle.

Fry's Metal Groundwater Monitoring

paleontologist on site, during initial clearance and  
excavation in the CDC Zone 1

Palaeontological impact assessment

paleontologist on site, during initial clearance and  
excavation in the CDC Zone 1.

ECO during road and storm water drain  
construction

ECO during the upgrading of the water works in the  
Kelvin Jones facility in Uitenhage.

ECO during road and storm water drain  
construction.

ECO during the botanical survey, and the  
subsequent search and rescue of fauna and flora.

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subsequent search and rescue of fauna and flora.

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Field survey for wetlands in and around Coega Kop.

Sampling, analysis and reporting on the quality of  
effluent, storm water and drinking water.

Sampling, analysis and reporting on the  
quality/contamination of ground water from  
boreholes in and around the TPT Bulk Terminal  
(Manganese storage).

Sampling of the Baakens, Papenkuils, Shark, and  
Hume river water, for quality assessment.

Sampling of water at the Motherwell Canal and  
artificial wetland.

Sampling, analysis and reporting on the quality of  
the effluent from the CDC.

Sampling, analysis and reporting on the quality of  
ground water in and around the NMBM landfill sites.

Sampling, analysis and reporting on the quality  
of ground water in the Fry's Metal work yard.