

Franciska Lake

Associate Partner



Profession	Environmental Scientist
Education	BSc (Hons), Zoology, University of Johannesburg, 2000
Registrations/ Affiliations	Pr Sci Nat (South Africa), 400248/05

Specialisation	Water management; environmental management, environmental impact assessments and environmental management programmes
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Expertise	Franciska Lake has been involved in water management, environmental impact assessments and environmental management programmes for the last 16 years. Her expertise includes:
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- water management;
- water use licensing for mines and industry;
- general environmental management;
- environmental impact assessments;
- environmental site assessments;
- environmental management programmes;
- environmental assessments.

Employment

2007 – present	SRK Consulting (Pty) Ltd, Associate Partner and Consultant – Principal Environmental Scientist, Johannesburg
2007 – 2007	Self-employed, Environmental Scientist, South Africa
2004 – 2006	EA&MS, Environmental Scientist, South Africa
2001 – 2004	SRK Consulting (Pty) Ltd, Johannesburg Environmental Scientist

Languages	English – read, write, speak Afrikaans – read, write, speak
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Key Experience: Environmental impact assessments and environmental management programmes

Location: Steelpoort
 Project duration & year: 2 Months
 Client: Mining Industry
 Name of Project: Care and Maintenance Plan
 Project Description: Development of Care and Maintenance Plan
 Job Title and Duties: Project Manager
 Value of Project: R380 000

Location: Steelpoort
 Project duration & year: 9 Months
 Client: Modikwa Platinum Mine
 Name of Project: Community Road Basic Assessment
 Project Description: Community Road Basic Assessment
 Job Title and Duties: Project Manager
 Value of Project: R180 000

Location: Steelpoort
 Project duration & year: 9 Months
 Client: Modikwa Platinum Mine
 Name of Project: North Ventilation Shaft and Crusher Plant Basic Assessment
 Project Description: North Ventilation Shaft and Crusher Plant Basic Assessment
 Job Title and Duties: Project Manager
 Value of Project: R180 000

Location: Polokwane
 Project duration & year: 2 Months 2016
 Client: Polokwane Smelter
 Name of Project: Regulation 29 EMPr Amendment
 Project Description: Regulation 29 amendment to the EMPr for Slag 5 Slag Pad
 Job Title and Duties: Project Manager
 Value of Project: R120 000

Location: Steelpoort
 Project duration & year: 2 Years 2013-2015
 Client: Modikwa Platinum Mine
 Name of Project: Modikwa Platinum Mine South 2 Shaft EMPr Amendment
 Project Description: EIA/EMPr for Modikwa Platinum Mine Waste Rock Dump
 Job Title and Duties: Project Manager
 Value of Project: R3 600 000

Location: Rustenburg
 Project duration & year: 2010 - 2012
 Client: AQPSA
 Name of Project: Marikana Open Rehabilitation and Tailings Dam EMP
 Project Description: EIA/EMPr for Marikana Open Rehabilitation and Tailings Dam
 Job Title and Duties: Project Manager
 Value of Project: R5 000 000

Location: Rustenburg
 Project duration & year: 2007 to 2012
 Client: AQPSA
 Name of Project: K6 Shaft EMP
 Project Description: EIA/EMP for the new K6 Shaft
 Job Title and Duties: Project Manager
 Value of Project: R2 300 000

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Key Experience: Environmental impact assessments and environmental management programmes

Location: Rustenburg
 Project duration & year: 2 years.2006-2008
 Client: AQPSA
 Name of Project: K2 Railway Siding EMP
 Project Description: K2 Railway Siding EMP
 Job Title and Duties: Project Manager
 Value of Project: R1 100 000

Key Experience: Environmental management programme audits

Location: Rustenburg, North West Province
 Project duration & year: 2 weeks (2010)
 Client: Anglo Platinum
 Name of Project: Styldrift Mine
 Project Description: EMP Assessment for Styldrift Mine
 Job Title and Duties: Project Manager
 Value of Project: R60 000

Location: Rustenburg, North West Province
 Project duration & year: 2 weeks (2005,2007,2009)
 Client: Aquarius Platinum
 Name of Project: Aquarius Platinum – Kroondal Mine
 Project Description: EMP Assessment for Kroondal Mine
 Job Title and Duties: Project Manager
 Value of Project: R300 000

Location: Mpumalanga
 Project duration & year: 2 weeks.(2006)
 Client: Aquarius Platinum
 Name of Project: Aquarius Platinum – Everest Mine
 Project Description: EMP Assessment for Everest Mine
 Job Title and Duties: Project Manager
 Value of Project: R60 000

Location: Rustenburg, North West Province
 Project duration & year: 2 weeks (2004)
 Client: Rustenburg Platinum Mines
 Name of Project: Rustenburg Platinum Mines – Union Section
 Project Description: EMP Assessment for Union Mine
 Job Title and Duties: Project Manager
 Value of Project: R50 000

Location: Rustenburg, North West Province
 Project duration & year: 2 weeks (2002)
 Client: Rustenburg Platinum Mines
 Name of Project: Rustenburg Platinum Mines – Rustenburg Section
 Project Description: EMP Assessment for Waterval Mine, PMR, WLTR
 Job Title and Duties: Project Manager
 Value of Project: R50 000

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Key Experience: Due Diligence

Location: South Africa
 Project duration & year: 2 Months 2017
 Client: Mining Industry
 Name of Project: Environmental Due Diligence
 Project Description: Mining Environmental Due Diligence
 Job Title and Duties: Project Scientist – Environmental input
 Value of Project: Unknown

Location: South Africa
 Project duration & year: 6 Months 2016-2017
 Client: Mining Industry
 Name of Project: Environmental Due Diligence
 Project Description: Mining Environmental Due Diligence
 Job Title and Duties: Project Scientist – Environmental input
 Value of Project: R1 000 000

Key Experience: Waste management

Location: Steelpoort
 Project duration & year: 6 months.(2015)
 Client: Modikwa Platinum Mine
 Name of Project: Modikwa Platinum Mine North 2 Shaft EMP Amendment
 Project Description: Development of Modikwa Waste Management Plan
 Job Title and Duties: Project Manager
 Value of Project: R150 000

Key Experience: Water use licensing

Location: Rustenburg
 Project duration & year: 2007 - ongoing
 Client: Anglo Platinum
 Name of Project: RPM – RS Water Use License
 Project Description: RPM – RS Water Use License
 Job Title and Duties: Project assistant
 Value of Project: Ongoing

Location: Rustenburg North West Province
 Project duration & year: 2006
 Client: AQPSA
 Name of Project: Assistance with Kroondal & Marikana Miner Water use License
 Project Description: Kroondal and Marikana Water Use Licences
 Job Title and Duties: Project assistant
 Value of Project: R250 000

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Key Experience: General environmental management

Location: Rustenburg
 Project duration & year: 2 years 2005 - 2007
 Client: AQPSA
 Name of Project: Aquarius Platinum – Kroondal Mine
 Project Description: General Environmental Management
 Job Title and Duties: Project Manager
 Value of Project: R300 000

Location: Marikana
 Project duration & year: 2 years 2005- 2007
 Client: AQPSA
 Name of Project: Aquarius Platinum – Marikana Mine
 Project Description: General Environmental Management
 Job Title and Duties: Project Manager
 Value of Project: R300 000

Key Experience: Water monitoring & management

Location: Rustenburg
 Project duration & year: 18 months (2003 – 2004)
 Client: Anglo Platinum
 Name of Project: Rustenburg Platinum Mines – Rustenburg Section
 Project Description: Secondment to Rustenburg Section as Water Manager
 Job Title and Duties: RRED Water Manager
 Value of Project: R300 000

Key Experience: Safety and sustainable development concept studies

Location: Thabazimbi
 Project duration & year: 3 months (2017)
 Client: Anglo Platinum
 Name of Project: Rustenburg Platinum Mines – Amandelbult Section
 Project Description: Concept phase study
 Job Title and Duties: S&SD Project Manager
 Value of Project: R400 000

Key Experience: Safety and sustainable development feasibility studies

Location: Burgersfort
 Project duration & year: 6 months (2016)
 Client: Anglo Platinum
 Name of Project: Mototolo Tailings Dam
 Project Description: Mototolo Tailings Dam Feasibility Study
 Job Title and Duties: S&SD Project Manager
 Value of Project: Unknown

Location: Burgersfort
 Project duration & year: 6 months (2013)
 Client: Modikwa Platinum Mine
 Name of Project: South 2 Shaft Mine Plan Amendments
 Project Description: FEL 3 SD Feasibility Study
 Job Title and Duties: S&SD Project Manager
 Value of Project: Unknown