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## CURRICULUM VITAE

HENDRIK MINNAAR



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### 1. Personal information

**Full name and surname:** Hendrik Minnaar

**Occupation:** Senior lecturer (Geology), University of the Free State

**Highest qualification:** Ph.D.

**Date of birth:** 11 April 1970

**Nationality:** South Africa

**Languages:** Afrikaans (home language), English (read and write very good)

**Disabilities:** None

**Health:** Good

**Drivers licenses:** EC (car and heavy vehicle); A (motorbike)

**Telephone:** 062 660 5578 (cell); 051 401 2372 (office)

**Email:** [minnaarh@ufs.ac.za](mailto:minnaarh@ufs.ac.za)

**Street address:** 134 Pres Paul Kruger Avenue  
Universitas  
Bloemfontein  
9301

## 2. School education

**Secondary school:** Genl Hertzog High School, Smithfield, Free State

Matriculated 1988 with exemption

**Subjects (higher grade):**

Afrikaans, English, Mathematics, Science, Biology, History

## 3. Tertiary education

<b>Date (from-to)</b>	<b>Institution</b>	<b>Qualification</b>
1989-1991	University of the Free State	B.Sc.
1993	University of the Free State	B.Sc. (Hons)
2004-2005	University of Pretoria	M.Sc.
2009-2011	University of the Free State	Ph.D.

## 4. Previous employment

<b>Date (from-to)</b>	<b>Employer</b>	<b>Activities</b>
Apr. 1995-Nov. 1996	Hennie Blignault and Associates	Exploration projects in Zimbabwe, Uganda, Tanzania, Kenia. Core logging, mine mapping, soil sampling, feasibility studies, mine planning
Dec. 1997-May 2016	Council for Geoscience	Geological mapping and research; map compilation; writing of map explanations, reports and articles; rendering geological services to local communities and farmers, development of small scale mining in the Northern Cape; groundwater studies; co-operation with universities and other science institutions
Aug. 2017-current	University of the Free State	Senior lecturer in Geology; geological research

## 5. Theses and publications

- Minnaar, H. 2005. *The exploitability of pegmatite deposits in the lower Orange River area (Vioolsdrif-Henkries-Steinkopf)*. M.Sc. thesis. University of Pretoria, 90p.
- Minnaar, H. and Theart, H.F.J. 2006. The exploitability of pegmatite deposits in the lower Orange River area (Vioolsdrif-Henkries-Steinkopf). *South African Journal of Geology*, Vol 109, pp 341-352.
- Minnaar, H. 2012. *Composition and evolution of the Proterozoic Vioolsdrif batholith (including the Orange River group), Northern Cape Province, South Africa*. P.hD. thesis, University of the Free State, South Africa, 209p. (Unpublished.)
- Minnaar, H. 2014. *Composition and evolution of the Proterozoic Vioolsdrif batholith (including the Orange River group), Northern Cape Province, South Africa*. Memoir, Council for Geoscience, 98, 115 p.
- Minnaar, H., Botha, P.M.W. and Roberts, D. 2010. *The geology of the Alexander Bay area. Explanation sheet 2816, scale 1:250 000*, Council for Geoscience, 91p.
- Macey, P.H., Siegfried, H.P., Minnaar, H. and Botha, P.M.W. 2008. *The geology of the Loeriesfontein area. Explanation, sheet 3018, scale 1:250 000*, Council for Geoscience, 117p.
- Ngcofe, L., Minnaar, H. and Chevallier, L. 2010. A comparative study of hyperspectral versus multispectral images as an aid in geological mapping near Alexander Bay, Northern Cape, South Africa. *South African Journal of Geology*, Vol 113.2, pp 141-154.
- Ngcofe, L., Minnaar, H., Halenyane, K. and Chevallier, L. 2013. Multispectral and hyperspectral remote sensing: Target area generation for porphyry copper exploration in the Namaqua metamorphic province, South Africa. *South African Journal of Geology*, Vol 116, pp 259-272.
- Ngcofe, L., Minnaar, H. and Chevallier, L. 2014. Hyperspectral remote sensing: A (new) tool for geological mapping.