

CURRICULUM VITAE (CV) FOR PROFESSIONAL STAFF OF WATER GEOSCIENCES CONSULTING

1. **Position:** HYDROGEOLOGIST
2. **Name of Firm:** Water Geosciences Consulting
3. **Name of Expert:** Jude Cobbing
4. **Date of Birth:** 29 October 1971
5. **Nationality:** South African
6. **Expertise:**
 - o Aquifer testing and groundwater sampling, quality assessment and evaluation
 - o Groundwater input to Environmental Impact Assessment and compliance
 - o Groundwater resource evaluation, including vulnerability assessments
 - o Down-hole borehole geophysical logging and log data interpretation
 - o Water borehole drilling and construction supervision
 - o Training of groundwater professionals
 - o Mine water assessment and remediation of mine-related water pollution

7. Education:

Name of institution	Degree(s) or Diploma(s) obtained:	Date of obtainment
University of London (University College)	MSc (Hydrogeology) Dissertation: The spatial variability of arsenic in groundwater at Magura, western Bangladesh	2000
University of South Africa (UNISA)	Post-Graduate Certificate in Education (PGCE) specialising in science and English teaching	1999
University of Cape Town	BSc (Geology)	1994

8. Membership of Professional Associations:

Professional Natural Scientist registered with the SA Council for Natural Scientific Professions (SACNASP Registration Number 400156/06)
 Member of the Geological Society of South Africa
 Fellow of the Geological Society of London and Chartered Geologist
 Member of the International Association of Hydrogeologists (IAH)
 Member of the Burdon Commission of the IAH, an African hydrogeology specialist group
 Member of the European Federation of Geologists

9. Other Training:

2006	One week course on Reactive Transport Groundwater Modelling, University of the Western Cape (co-organiser)
2006	One day course on the Department of Water Affairs and Forestry South African Groundwater Decision Tool (SAGDT)
2004	Three day course on ARCGIS 8 Geographical Information System software
2003	One week course in PRINCE2 Project Management Skills
2003	One week course on Quaternary geology and geomorphology
2003	Two day course in advanced WORD
2002	Two day course on geological core logging
2002	One day course on the use of portable down-hole geophysical logging equipment
2001 and 2002	Health and Safety courses including advanced driving, off-road driving and fire safety awareness

10. Countries of Work Experience: *[List countries where expert has worked in the last ten years]*

South Africa, Great Britain, N. Ireland, Malawi, Ghana, Nigeria, Bangladesh

11. Languages: *[For each language indicate proficiency: good, fair, or poor in speaking, reading, and writing.]*

Language	Reading	Speaking	Writing
English	Good	Good	Good
Afrikaans	Fair	Fair	Fair
Xhosa	Poor	Poor	Poor
French	Poor	Poor	Poor

12. Employment Record:

From [Year]: July 2007		TO [Year]: Present
Employer:	Water Geosciences Consulting	
Positions held:	Hydrogeologist	
Purpose of position:	Manage contracts and deliverables for various areas of interest to the company, including mining, environmental and state sectors.	

From [Year]: July 2005		TO [Year]: June 2007
Employer:	Council for Scientific and Industrial Research (CSIR)	
Positions held:	Hydrogeologist	
Purpose of position:	To conduct research into groundwater and groundwater-related issues in South Africa, as part of the Water Resources Competence Area at the CSIR. The CSIR stressed high-quality research outputs in a multi-disciplinary environment, targeted in innovative ways at some of the most pressing water problems facing both South Africa and the greater SADC region.	

From [Year]: November 2000		TO [Year]: May 2005
Employer:	British Geological Survey	
Positions held:	Hydrogeologist (Higher Scientific Officer)	
Purpose of position:	To conduct research into various aspects of hydrogeology and groundwater, both in the United Kingdom and elsewhere in the world, as part of the overall BGS research strategy. Projects ranged from two or three days to more than three years, and funding was sourced from both the public and the private (commercial) sectors. Part of my job was also to answer queries from members of the public regarding all matters related to groundwater.	

From [Year]: May 1996		TO [Year]: August 1999
Employer:	Various	
Positions held:	Construction worker, map-shop manager, school teacher	
Purpose of position:	I worked in various positions in the United Kingdom whilst studying towards my PGCE qualification, and saving for the MSc qualification.	

From [Year]: March 1995		TO [Year]: April 1996
Employer:	Lima Community Development Organisation	
Positions held:	Water resources project manager	
Purpose of position:	To manage the provision of community water supplies, including spring protection systems and boreholes, within the budget of this small non-governmental organisation (NGO). The work took place in the rural Eastern Cape Province, near the town of Mqanduli and the village of Zithulele.	