

## Curriculum Vitae: Dave Griffiths

**Profession:** Contaminated Land Specialist and Explosives Manufacturing Manager

**Locality:** South African resident, British passport holder, prepared to relocate and work anywhere

**Education:** BSc Geology Special Honours, University of Rhodesia, 1972  
BSc Honours, University College of Rhodesia, 1968

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**Mobile:** +27 82 758 9988

**Languages:**

	Speak	Read	Write
English	Excellent	Excellent	Excellent

**Specialisation:** Contaminated land assessment and management, commercial explosives and initiating systems manufacturing

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### Expertise:

- ❖ Expertise gained from over 20 years' experience in contaminated land assessment and management includes:
    - Conducting site inspections and assessments to assess environmental impact and liability, and identifying key risks by using appropriate risk assessment techniques
    - Developing work programmes and budgets of up to R60 million per annum
    - Co-ordinating, managing and auditing land remediation projects
    - Remediation or management (using multi-disciplinary teams) of soils impacted by volatile organic chemicals, pesticides, fertilizers, inorganic chemicals, explosives, radioactive substances, metals and asbestos fibres
    - Technologies employed include evapo-transpirative cover, bioremediation, natural attenuation, in-situ treatment, dig-and-dump, and plume delineation and control
    - Monitoring of groundwater, surface water and seawater
    - Effluent and waste profiling, Water Use Licence review
    - Integrating land remediation activities with property development requirements
    - Liaising with regulatory authorities, professional bodies, consultants, communities, etc.
    - Sites worked on include explosives, chemicals, fertilizer, munitions, petrochemicals and filling station sites
  - ❖ Expertise gained from 20 years' experience in manufacturing primary and secondary explosives, and commercial explosives, accessories and initiating systems includes:
    - Managing all aspects of production of Nitroglycerine, Nitrocotton, cartridged blasting explosives, PETN, Detonating Cord, Pentolite Lead Azide, Lead Styphnate, Nitrocotton, Sodium Azide, Igniter Cord Connectors, Pyrotechnic Powders, Delay Elements, Detonators Shocktube and other initiating products
    - Providing appropriate systems (e.g. safety, health, environment, quality)
    - Contracting/providing engineering, technical/development, quality assurance and human resources services
    - Conducting investigations and troubleshooting
    - Developing and implementing strategy by driving major and strategic projects and commissioning new facilities
    - Managing regulatory authorities, customer, technical and marketing interfaces
  - ❖ Expertise gained from five years' experience in mineral exploration includes:
    - Managing geological and geochemical exploration teams
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- ❖ Expertise gained from other activities includes:
  - 1989 Visit to Du Pont, Pompton Lakes, NJ plant to investigate feasibility of purchasing electric detonator manufacturing plant
  - 1990 Visit to ICI-related explosives factories in Australia, Scotland, Canada and Brazil focusing on detonators and accessories
  - 1995 Attended symposium on bioremediation in San Diego, CA, visited companies in USA and Canada in connection with site remediation
  - 1995 Technical Specialist member of ISO 9002 assessment team for two munitions factories
  - 1999 Attended symposium on bioremediation in San Diego, CA, visited companies in USA in connection with site remediation
  - 2004 Attended symposium on bioremediation in Monterey, CA, visited companies and regulators in USA in connection with site remediation

### Achievements

- Led effective safety and occupational health management and training
- Developed and implemented (with consultants and contractors) remote-controlled drilling methodology for use in explosives environments
- Developed and implemented (with multi-disciplinary team) an evapo-transpirative cover for a historical waste site
- Developed and implemented (with consultants) a computer-based Land Management Information System
- Attained ISO 9002 listing
- Developed and implemented (with peers) training in “good explosives practices”
- Achieved and maintained NOSCAR 5 Star safety grading status
- Led the implementation of a supervisory development programme (transformation)
- Focussed and managed Corporate Social Responsibility projects

### Strengths

- People skills - select, assess, train, develop, mentor, build teams
- Communication, strike and conflict resolution, and negotiation skills
- Accident/incident investigations
- Hazard studies, risk assessments and audits
- Report writing and reviewing

### Areas of special interest

- Protection of water resources
- Education
- Mentorship
- Rights of the differently abled

### Employment record:

- 2012 - present**    **AEL Mining Services.** Independent Consultant. Conducted four effluent projects (clean-ups, reduction, safety), plant closure (assessment, make-safe), two clean-up projects (testing facilities), reviews of 10 environmental authorisations, technical manual writing
- 2011 – 2013**    **Makoya Amanzi Environmental Solutions.** Projects Manager (independent contractor)
- 2009 – 2012**    **SRK Consulting.** Principal Consultant (independent contractor)
- 1994 – 2009**    **AECI Ltd.** Project Manager Site Remediation and Group Manager Land Remediation
- 1974 – 1994**    **AECI Ltd.** Technical Officer to Area Manager
- 1969 – 1974**    **Anglo American Corporation.** Exploration Geologist