

## CURRICULUM VITAE

**Name:** Dan V. Michaelson  
**Address:** 26 Sheehans Road  
Blackburn 3130 Victoria  
Australia  
**Telephone:** (+233) 244 332815  
**Email address:** [dan\\_v\\_michaelson@yahoo.com.au](mailto:dan_v_michaelson@yahoo.com.au)  
**Nationality:** Australian  
**Professional Qualifications:**

- *Bachelor of Science (Agriculture) (Hons)*  
University of Western Australia
- *Diploma of Project Management*  
University of New England Partnerships, NSW,  
Australia
- *Graduate Diploma of Journalism*, Murdoch  
University, Western Australia
- *Master of Environmental and Business  
Management*, University of Newcastle, NSW,  
Australia
- *Master of Business Administration*, University of  
New England, NSW, Australia

### **Professional Societies and Association:**

↗ The Australasian Institute of Mining and Metallurgy, (Fellow and Chartered Professional)

### **Languages:**

↗ English – Fluent  
↗ Indonesian – Conversational  
↗ Danish - Conversational

### **SUMMARY OF CAREER TO DATE:**

2008 to present      General Manager - Environment and Social Responsibility,  
Newmont Ghana Gold Limited, Ahafo, Ghana, West Africa

2005 to 2007        Director of Environment, Boroo Gold Company Ltd. Centerra  
Gold Inc. Ulaanbaatar, Mongolia

2001 to 2005:      Manager Environmental Operations, PT Freeport Indonesia,  
Tembagapura, Papua, Indonesia

2000 to 2001:      Manager Environment, PT Nusa Halmahera Minerals, Gosowong,  
North Maluku Province, Indonesia

- 1999 to 2000: Manager Environment, Ok Tedi Mining Limited, Western Province, Papua New Guinea.
- 1993 to 1999: Head of Environment Department, PT Kaltim Prima Coal Sangatta, East Kalimantan, Indonesia.
- 1988 to 1993: Environmental Officer – Mining and Industrial Developments, Environmental Protection Authority of Western Australia.
- 1987 to 1988: Forestry Manager, Forestry Association of Botswana, Gaborone, Botswana.
- 1984 to 1986: Full-time study towards B.Sc.(Agric) Hons., University of Western Australia.

### **EMPLOYMENT RECORD:**

#### **2008 to present :**

**Employer:** Newmont Ghana Gold Ltd., Accra, Ghana, West Africa

**Position:** General Manager Environment and Social Responsibility – Ahafo Mine

**Duties :** Reporting to the Regional Vice President Environment and Social Responsibility.

Managing more than 150 people in several departments, namely: Environment, Community Relations, Community Development, Communications, Integrated Management Systems, and Social Monitoring and Evaluation. Leading the company's program to certify environmental and safety systems under ISO 14001 and OHSAS 18001.

Responsible for the mine's interactions with traditional authorities (chiefs), government representatives, and the media.

Working with international organizations including the International Finance Corporation, the International Cyanide Management Institute and a NGOs to meet best practice requirements. Interacting with non-government organizations sponsored by the company to enhance livelihood restoration of those resettled ahead of the mining operation. Ensuring conformance with the requirements of the IFC and other institutions to which the company is a signatory.

Serving on the Board of Directors of the Ahafo Social Responsibility Forum, a body representing the mining company and mine affected communities.

Deputise for the Regional Vice President ESR.

#### **2005 to 2007 :**

**Employer:** Boroo Gold Company Ltd. Centerra Gold Inc., Ulaanbaatar, Mongolia

**Position:** Director of Environment

**Duties :** Reported to the President Director . Directed all aspects of the company's environmental activities. Liaise with government departments, consultants and non government organizations on environmental issues and impact. Control of Tailings Management Program and conformance to international conventions e.g. The International Cyanide Management Code. Oversaw recruitment of environmental staff and training development and implementation of safety programs and systems. Participated in initiatives on Sustainable Mining with government departments and NGOs.

Advise top management on policy and other issues of sustainability and business continuity, and coordinating the company's crisis management initiatives.

**2001 to 2005:**

**Employer:** PT Freeport Indonesia, Irian Jaya Province.

**Position:** Manager Environmental Operations

**Duties :** Reported to the General Manager. Responsible for monitoring and managing environmental impacts from PT Freeport Indonesia's Irian Jaya copper and gold mining operation, which included open-cut and underground mines, crushing and processing of ore, and disposal and rehabilitation of overburden. Advised senior management on implications of changes to legislative requirements. Managed departmental restructuring that included strengthening individual accountabilities, and introduced management by projects. Managed an environmental department employing a total of 180 people, which served in six branches. The Mine-Highlands Group was responsible for monitoring and managing impacts from open cut and underground mines. The Lowlands Group monitored environmental parameters and rehabilitated tailings in the tailings deposition area near the coast. The Coastal Group monitored estuarine and marine life as well as water chemistry. The Timika Environmental Laboratory analyzed all samples collected site-wide. The department also comprised a Government Group that reported to government as required, and an Environmental Quality Group that responded to spills, and administered the Environmental Management System.

Coordinated and implemented an Environmental Management System achieving certification to ISO 14001 standard. Achieved NOSA 3-star safety rating during the first year of NOSA program implementation. Developed mine closure plans and trained national staff. Coordinated the company's Social Outreach and Local Development Group, and created opportunities for local businesses to carry out environmental work on a contract basis.

**2000 to 2001:**

**Employer:** PT Nusa Halmahera Minerals, (Newcrest Mining), Gosowong, Halmahera, North Maluku Province, Indonesia.

**Position:** Manager Environmental

**Duties :** Reported to the Mine General Manager. Was responsible for developing and implementing strategies to manage social and environmental impacts at the Gosowong gold mine.

Supervised environmental monitoring and reporting according to Indonesian statutory requirements; designed and implementing site rehabilitation; Advised production personnel on environmental requirements, and assisted with planning to minimise environmental impacts; engaged and directed consultants to investigate mitigation of acid drainage from the mine and mill operations.

Project managed investigations into dump stability and geochemistry.

Conducted environmental audits and developed environmental improvement plans; drafted mine closure plans, implemented plans and budgets, and trained national staff. Managed and conducted environmental audits. Acted in Mine General Manager position on a periodic basis.

Oversaw community development programs and coordinated emergency humanitarian aid initiatives.

**1999 to 2000:**

**Employer:** Ok Tedi Mining Limited, Tabubil, Western Province, Papua New Guinea.

**Position:** Environmental Manager

**Duties :** Reported to the Executive Manager Environment and External Relations. Responsible for advising senior management on all aspects of environmental management associated with the operations of Ok Tedi Mining Limited. Department achieved a three-star NOSA rating for safety performance in the first year of the system's implementation.

Duties included managing the company's Environmental Department (comprising 36 staff and 130 non-staff) who monitor environmental impacts on the receiving environment and reported results to the statutory authorities. Department consisted of four sections, namely Chemistry, Hydrology, Biology and Site Services. Other functions include Environmental Extension, Ecosystem Rehabilitation, Geographical Information Systems and Sustainable Development. The main function of the Department was to monitor mine and mill impacts on the 1,200 kilometers of river from the mine to the Gulf of Papua.

Resources at the Department's disposal included a NATA accredited laboratory, an ocean-going research vessel, helicopter services, a network of hydrology-telemetry stations, a fleet of small boats and light vehicles.

Specific tasks undertaken included the following: mine closure planning, environmental audits, establishing environmental and safety management systems, investigations into managing acid drainage from the mine and mill, coordination of a Human Health and Environmental Risk Assessment of impacts from the mine. Maintained liaison with government ministers and officers as well as briefing journalists and NGOs. Also meeting with local landowners, and developing strategies for post-mining sustainable development.

**1993 to 1999:**

**Position:** Manager Environmental Engineering, PT Kaltim Prima Coal, Sangatta,

**Duties :** Reported to the General Manager Mining. Managed and controlled all aspects of environmental management at Kaltim Prima Coal. Responsibilities include managing the company's Environmental Department (comprising 27 staff) to ensure compliance with internationally acceptable environmental standards. Specific tasks include developing environmental policy and objectives, developing and implementing environmental management plans, auditing implementation, developing rehabilitation plans and procedures, managing mine spoils to prevent acid drainage, monitoring and reporting air, water quality and noise levels, coordinating wildlife management, and liaison.

Project managed an environmental impact assessment, and obtained government approval, for KPC to expand mining from 15 million tonnes of coal per annum to 24 million tonnes. Developed and coordinated the company's crisis management plan with Indonesian authorities on environmental compliance requirements. Acted in General Manager Mining position on a required basis. Chairman of the Divisional Safety Committee.

**1988 to 1993**

**Employer:** Environmental Protection Authority of Western Australia.  
**Position:** Environmental Officer  
**Duties:** Environmental impact assessment mining and industrial projects.

**1987 to 1988**

**Employer:** The Forestry Association of Botswana (FAB) Gabarone, Botswana.  
**Position:** Forestry Manager  
**Duties:** Coordinated tree seed collection and tree seed research throughout Botswana and Zimbabwe as a part of a foreign aid programme.

**PUBLICATIONS:**

- Eskeli, P G and Michaelsen, D V (1987) "The Potential for Indigenous Woodland Management in Botswana", Paper presented at the SADCC Indigenous Forest Management Workshop. October 19-25 1987, Victoria Falls, Zimbabwe.
- Michaelsen, D V (1995) "Implications of ISO 14000 to the Indonesian Coal Mining Industry", Ecolink seminar, Jakarta, 23 January 1995.
- Michaelsen, D V and Macmillan, S (1996) "Managing Acid Drainage at PT Kaltim Prima Coal, Kalimantan, Indonesia: A Case Study from the Wet Tropics". Proceedings of the 3rd international and the 21st Annual Mineral Council of Australia Environmental Workshop, 14 - 18 October 1996, Newcastle, New South Wales, Australia
- Michaelsen, D V and McIntosh, W M (1993). "Environmental Management at PT Kaltim Prima Coal - An Overview." Paper presented at the AusIMM Joint Seminar entitled "The Environment: Its Legal, Technical, Financial, and Social Aspects in Mining." 9 - 10 November 1993, Jakarta, Indonesia.
- Michaelsen, D V and Wimbush, N P (1996) "Strategies for sustainable revegetation of mined materials and soil, including ecosystem reconstruction processes". Proceedings of Australian Environment Protection Agency workshop on "Mining and Environment", 10 - 11 June 1996 Jakarta, Indonesia.
- Neale, A., S.D Miller and DV Michaelsen (2003) "Overview of the ARD and Overburden Management Program at PT Freeport Indonesia Operations in Papua Province, Indonesia", 6<sup>th</sup> ICARD Conference, 12 -18 July, Cairns.
- Poerwo, I, and Michaelsen, D V (1997) "Aiming for Best Practice Environmental Management at Kaltim Prima Coal: a large open pit coal mine in East Kalimantan". Paper presented at the 7th Mining and Minerals Recovery conference, Jakarta, 5 - 8 November 1997. Indonesian Mining Association.
- Stewart, W. and Michaelsen D V (1999) Management of Potentially Acid Forming Overburden at Kaltim Prima Coal, Indonesia. Paper presented at the conference for Analytical Technology in the Mineral Industries, San Diego, USA, January.