Cristina Dornelas

Education

- Geological Engineering, UFOP, 1986

Qualifications

- Softwares: MS-Office, GEMS, SURPAC, LEAPFROG, ArgGis, Statistica, AutoCad e Photoshop.
- Specialist in 3D modeling for different types of mineral deposits.
- Teamwork, leadership, responsibility, ability to communicate and provide training. Easy adaptation to different environments.
- Travel availability.

Courses

- Coal: A Real Business Opportunity – Concepts (Vale)
- The Methods of Geoestatistics Forms (Vale/ École des Mines de Paris)
- Basic Geostatistics - Ouro Preto/ MG - (Fundação Gorceix - 40 h)
- Civil Engineering (until the 4th year) - Faculdade de Engenharia de Sorocaba/ SP
- Technician Metallurgy, ETFOP 1979.

Languages

- Native portuguese
- Basic to intermediate english and spanish
- Basic french

Professional Experience

2013 – Present: MiningMath Associates

- Senior Consultant Geologist.

2011 – 2013: Vale S.A.

(Time limited contract)
Brazilian mining company based on Brasil and operating in several countries, with business also in logistics, steel and power generation projects. Master Geologist, reporting to the manager of Resources Assessment Area.

- 3D modeling using GEMS and supporting resources assessment studies for various company projects.
- Preparation and review of reports and presentations on resource estimation.
- Participation in audit resources assessment (copper).
- Elaborating instruction and training on development in GEMS Geological Modeling for the exploration teams.

2011 – 2011: MiningMath Associates

Consulting company, conceived in 2010 by a group of independent professionals in the mining sector. Geologist Consultant.

- Supporting statistical studies of regression for the Bauxite mine pit of Capiranga, PA/Brazil (Alcoa World Alumina do Brasil).
- Geological modeling for copper projects in the state of Pará/Brazil (Vale S.A.).

2006 – 2011: Mundo Mineração Ltda

Mundo Mineração Limited is an emerging international gold company.
Reporting to the Country Manager and Exploration Manager.

- Organization and control of geological-mining database of the company projects.
- Geological modeling using SURPAC, aiming at ore bodies development and refining in Engenho D'água Mine (underground gold mine in Rio Acima / MG), Torrecillas Mine (underground gold mine in Peru) and other research projects.
- Monitoring of company processes at DNPM – National Department of Mineral Production.
- Preparation and review of spreadsheets, drawings, reports and presentations.

2004 – 2006: Valente Consultoria Ltda.

An independent consulting company for mining projects.
Reporting to the Director of the Company.

- Works in a research project for iron ore in GERDAU-AÇOMINAS areas, database control, geology field support and follow-up on pre-feasibility studies.
- Follow-up on diamond projects in REAL EXTRAÇÃO areas in Vale do Jequitinhonha.
- Support to other segments of the company in the areas of geology, geostatistics and processes at DNPM.

2002– 2004: GEMCOM do Brasil

A Mining Software and Services Company.
Reporting to the Project and Business Manager.

- Technical consultant for GEMS users and support.
- Responsible for users trainings.
- Development of work in the field of geological modeling using GEMS. Among several projects developed in this area, some of them must be highlighted: FERTECO and CVRD (now Vale).

1997 – 2002: Seahawk Mineração Ltda.

Canadian multinational company, acted in Brazil on gold and emerald projects.
Reporting to the Director of the Company.

- Development, management and control of geological, geochemical, and geophysical database of about the company's 20 projects in Brazil.
- Preparation of all drawings, plans, profiles, maps etc, regarding the company projects using software such as AutoCad, Surfer, ArcView and PC-Xplor/Gemcom.
- Participation and monitoring throughout the emerald research phase in the region of Itabira, MG.
- Image processing and data georeferencing.

2001 – 2001: GMM Consultoria Ltda.

Consulting Company in Geology, Mining and Environment.
Partner of Company.

- Mineral exploration, licensing requirements and monitoring of company processes at DNPM.
- Geological recognition, semi-detail and regional geochemical services.
- Preparation and review of spreadsheets, drawings, reports and presentations.

1987 – 1988: Mineração CCO Ltda.

CCO Mineração is engaged in exploration and mining gold ore, in Brazil.
Reporting to the Geology and Projects Manager.

- Processes control at DNPM, requirements and research plans, preparation of final and partial research reports.
- Agreement with surperficiaries and processes monitoring at the public notary.
- Participation in primary gold research, geological recognition, rock samples, trenches and drilling description
- Follow-up on geophysics works.