

# JORGE ALBERTO DIAZ AVALOS

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Maria Luisa # 906 Jardines Del Santuario  
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*Professional mining engineer with over 25-years' experience in the development, construction and operation of metal mines in Sonora, Mexico. Significant expertise mine project economic evaluation, project planning and implementation. Strong leader and operations manager with experience in administrative and accounting methods in compliance with Mexican regulations.*

## PROFESSIONAL EXPERIENCE

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### **Sonoro Metals Corp., VP Operations**

**2011 to Present**

#### Responsibilities:

- Development of design plans for proposed heap leach pilot operation at the Cerro Caliche property
- Conducted preliminary evaluation of technical and economic feasibility of pilot operation
- Technical Review of the preliminary studies being conducted in preparation for a Pre-Feasibility Study
- Supervision of metallurgical testing, mineral resource modeling, open pit design, economic and technical feasibility analysis
- Mining applications

### **Interminera, S.A de C.V., Founder**

**2006 to Present**

- Mining consulting, engineering design and construction service company in Sonora, Mexico
- Explored and developed gold property in Quiriego, Sonora; mid-size open pit gold producer since 2016
- General Project Manager for Argonaut Gold's San Antonio gold project in Baja California Sur overseeing land negotiations, environmental studies, engineering and operations design

### **Morgain Minerals, Project Manager**

**2004 to 2006**

#### Responsibilities:

- Oversaw design, construction and commencement of production at the El Cairo's open-pit, heap-leach oxide gold mine
- Oversaw land negotiations, environmental permitting, water rights, and access roads
- Established administrative offices for mining operations including the implementation of proper administrative and accounting methods in accordance with Mexican laws

**Alamos Gold, Inc., *Project Manager***

**2002 to 2005**

**Responsibilities:**

- re-engineering of the Mulatos project, including renewal of environmental permits, metallurgical testing, mineral resource modeling, open pit design, economic and technical feasibility analysis
- Oversaw \$74 million construction of the Mulatos mine in 2004 and \$10 million expansion and commencement of operations in 2005
- Team negotiation and acquisition of water rights as well as management of community and ejido relations for required surface rights
- Also helped design and obtain land permits for road modifications to transport all the equipment and supplies to build and operate the project

**Minera Sonoro, *Co-Founder***

**1995 to 2001**

- Service company under contract for Glamis Gold which successfully brought into production the Cieneguita Heap Leaching Project in the Chihuahua, Mexico
- Served as general manager of operations at Cieneguita from 1995 to 1999 also overseeing environmental compliance as well as Ejido and community relations
- Between 1996 and 2000 developed independent heap leaching operation in Chihuahua State
- In 2001, developed heap-leaching test at San Antonio De La Huerta, Sonora, for Alamos Minerals

**El Dorado Gold Corp., *Operations Manager***

**1993 to 1995**

**Responsibilities:**

- Led construction and operations team for company's La Colorada Open Pit Heap Leaching project
- Oversaw design, contract negotiations, mine and process engineering, project construction, project start-up and one year of operations
- Ensured environmental compliance and negotiated Ejido and community relations
- Served as Operations Manager of the La Colorada mine

**Minas Luismin, *Corporate Projects Manager***

**1983 to 1989**

**Responsibilities:**

- Conducted exploration activities for development of reserves, oversaw engineering, planning and design of mining methods, processing and operations, as well as managed feasibility studies, project development and project construction.
- Successfully conducted diamond drilling and direct drifting on veins at the San Antonio project confirming viability of an underground gold/silver operation
- Team successfully developed project from exploration to the start-up of an underground, high-grade vein mining operation with dynamic cyanidation, CCD and a Merrill Crow recovery system

- Director General of a Fluorspar operation in the north of the Coahuila State overseeing management, financial matters as well as marketing and selling of product.
- 700-tpd underground open pit fluorspar mine, which produced mainly a fluorspar concentrate “acid grade”, in a flotation process

Industrias Peñoles,  
Responsibilities:

**1971 to 1983**

- Started as shift boss at the Reforma Mine and held several positions including Mines Superintendent Assistant, Mine Superintendent and General Operations Superintendent
- Mining operations experiencing several methods including shrinkage stopping, cut and fill with tailings and/or waste rock as filling material, sublevels with long hole drilling and blasting.
- Led or held the responsibility of operations with processes such as selective flotation, dynamic cyanide leaching, Merrill Crowe recovery systems, magnetic separation, gravimetric separation, including crushing and milling stages involved.
- Led the Open Pit design team at La Minita polymetallic operation in Michoacan state and served as operations manager during production
- Oversaw administrative duties, including Ejido and community relations and negotiations

## EDUCATION

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<b>Colorado School of Mines</b> Master of Science, Mineral Economics	1981
<b>University of Guanajuato</b> Mining and Metallurgical Engineer	1971

## HONORS AND AWARDS

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<b>Atlantic Richfield Award</b> Colorado School of Mines Top 5 Students in Mineral Economics Department	1980
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