

LUIS SALVADOR AEDO SANHUEZA

Resources Geologist – Independent Consultant
Chilean
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ACADEMIC QUALIFICATIONS

- 1987–1994: Geology, Universidad de Chile (Bachelor in Geological Sciences and Geologist degree).
- 1985–1986: Physics, Universidad Católica de Chile.
- 2006: Citation of Geostatistics applied to Mining, University of Alberta.
- 2012: Postgraduate degree, "Management for the Mining Industry" (Habilidades Gerenciales para la Industria Minera), Universidad Adolfo Ibáñez.

WORK EXPERIENCE

- **June 2021 – September 2023** – Planning Services Superintendent, Cerro Colorado & Spence, Pampa Norte – BHP (Chile). Primary and process variables for the concentrator and leaching circuits; grade control, weekly and short-term block models for in-situ and stockpile material; integrated mine-plant (IMP) monitoring; daily ore polygons with grade control optimizer; sampling of blastholes, stockpiles, dumps and tailings reprocessing; moisture and bulk density prediction model; structural geology inputs; F1 reconciliation; coaching of junior staff.
- **February 2018 – June 2021** – Drilling Superintendent, Cerro Colorado & Spence, Pampa Norte – BHP (Chile). Design and execution of geological, dewatering, slope drainage, geotechnical and project drilling campaigns; contract manager for drilling, excavation and survey services; database and virtual procedures; drone-based monitoring and surveying.
- **August 2016 – December 2016** – Resources Geologist Consultant. Independent review of the 2016 and 2017 Olympic Dam resource models (South Australia); grade control and reconciliation implementation at Haile Mine (USA).
- **June 2014 – July 2016** – Senior Advisor Geologist, Collahuasi (Chile). Geometallurgical and geotechnical modelling support; long-, mid- and short-term geology, modelling and resource estimation to JORC; reconciliation; annual Resources and Reserves statement; Competent Person for Resources.
- **January 2010 – June 2014** – Mineral Resources Superintendent, Collahuasi (Chile). Led the resources team; long-, mid- and short-term modelling and resource estimation to JORC; reconciliation; annual statement; Competent Person for Resources.
- **April 2008 – December 2009** – Senior Resources Geologist, Olympic Dam – BHP Billiton (South Australia). Link between mine geology and the ODX expansion project; underground block model; geo-geometallurgical modelling and resource estimation; F3 reconciliation.
- **June 1997 – March 2008** – Long-Term / Senior Geologist, CMCC Cerro Colorado – BHP Billiton (Iquique). Long-term modelling and resource estimation; annual resource statement; geotechnical logging and slope stability; production geology and drilling programs; short-term block models; F1 and F2 reconciliation; new exploration targets.
- **June 1996 – June 1997** – Production Geologist, Sociedad Minera Cascada Pudahuel S.A. (Iquique). Underground mapping, logging, drilling programs and district exploration targets.
- **November 1994 – August 1996** – Production Geologist, Punta del Cobre S.A. (Copiapó). Underground mapping and logging; resource and reserve estimation; drilling programs; district exploration targets.

CONSULTANCY ASSIGNMENTS AND MINE SITE VISITS

- Haile (USA), El Salvador, Andina and El Teniente (Codelco), Escondida, Los Bronces, El Sauce (Cu skarn, Las Cenizas), Candelaria (IOCG), El Soldado (stratabound Cu), Middelburg and Klipspruit (coal, South Africa), Alhué (gold), among others.

LANGUAGES

Native Spanish. English (oral and written)

PROFILE

Geologist with thirty years of experience in copper-gold-silver-uranium mining, in porphyry, sedimentary, stratabound and IOCG deposits, including mine operations in the Copiapó and Tarapacá regions of northern Chile, the USA and South Australia. Responsibilities include production geology; planning and development of drilling programs (production, infill, QA/QC, greenfield and brownfield); surface mapping; core logging; interpretation and resource estimation; geometallurgical variable analysis applied to production; and oversight of the resources and reserves technical group for long-, mid- and short-term purposes. Nominated Competent Person for Anglo American, Glencore and Xstrata to sign annual statements. Contract management experience with Enaex (explosives) and Major Drilling S.A.

KEY STRENGTHS

- Good knowledge of the Chilean copper business, including porphyry, IOCG and exotic (sedimentary) deposits.

- Multi-variable estimation including Au, Ag, Fe, Mo, U3O8 and deleterious elements.
- Geological and geometallurgical models applied to production requirements.
- Competent Person for Resources; contract management; safety, health, environmental and community policies.

REGISTRATIONS, SOFTWARE AND TRAINING

- Chilean Mining Commission Competent Person, member no. 281 (enables signing NI 43-101 reports under the Chile–Canada agreement); AusIMM member no. 230594; CIM member no. 151994.
- Software: Vulcan (advanced), Acquire, Datamine, Leapfrog, Minitab, Sgems, GSLIB, Dips, Swedge, AutoCAD, Microsoft Office (advanced).
- Training: conditional simulation and geostatistics (intermediate and advanced), mine planning using conditional simulation. Competent Person courses (Chile and Australia, BHP Billiton), Six Sigma Yellow Belt, leadership, safety and contractor management.