

John Barber

Mining Engineer

Professional Summary

Mr. Barber is a mining engineer with over 40 years' experience in mine operations and consulting. His industry experience includes senior-level operations and engineering management positions in North America and Indonesia. His consulting experience includes engineering & planning, due diligence, studies, and engineering management. John has an extensive background in mineral reserve estimation, mine design, production scheduling, equipment selection, cost estimation, and property evaluation. Mr. Barber is qualified to act as a Qualified Person (QP) for Canada NI 43-101 technical reports and as a Competent Person (CP) for AusIMM JORC technical reports.

Representative Experience

- Hermosa Project, Arizona Mining/South 32, Arizona – Managed PEA and Feasibility Study for 10,000 tpd Pb,Zn, Ag UG mine. Recruited Mine Department technical and supervisory staff. Managed contractor selection, mobilization, and commencement of Exploration Decline.
- Maturi, Twin Metals Minnesota, Minnesota – Lead Qualified Person (QP) for preparation of the NI 43-101 Technical Report for Duluth Metals' proposed large underground NI/Cu/PGM mine.
- Oyu Tolgoi, Rio Tinto/Ivanhoe, Mongolia – Project Manager for Feasibility Study for 90ktpd underground copper mine. Responsibilities included integration of work by client and subconsultants, and preparation of the final Feasibility Study report.
- Mineral Ridge, Scorpio Gold, Nevada – Data quality for leach pad reprocessing Feasibility Study and Qualified Person for NI 43-101 Technical Report.
- Cerro Lindo Mine, Votorantim, Peru – Audit and mineral reserve declaration for JORC report and streaming agreement. Subsequently, prepared NI 43-101 Technical report for Votorantim (NEXA).
- Resolution Copper, Rio Tinto, Arizona – Project Manager for PFS design of material handling system, including crushers, conveyors, ore bins and stockpiles for 100ktpd block cave.
- Climax Henderson, FMI, Colorado – Review and audit of PFS for expansion of existing operation.
- Silangan, Philex, Philippines - Scoping Level study, including mining method selection. Block Caving was selected and mine plans and cost models were developed.
- Grasberg, PT Freeport Indonesia, Indonesia – Manager of Engineering for operating Block Cave and construction and commissioning of the new Deep Ore Zone Block Cave (50,000 tpd). Developed and Implemented Field Engineering and QA/QC program for Mine Development and Construction activities. Managed transition to “Advanced Undercutting” method. PFTI Representative to International Caving Study.
- Kensington, Coeur, Alaska – Updated design, planning and cost modelling for restart of 1,250 tpd gold mine.
- Arenal Deeps, Orosur, Uruguay – Feasibility Study, developed novel mining methods for low grade, shallow dipping UG gold mine.



Employment History

Mine Technical Services, Associate, 2019 to present
Arizona Mining/South32, Vice President, Mining, 2017 to 2019
AMEC/Wood, Technical Director, Underground Mining, 2007 to 2017
PT Freeport Indonesia, Project Manager – Big Gossan Mine, 2004 to 2007
PT Freeport Indonesia, Manager of Engineering, UG Mine Division, 1998 to 2004
PT Freeport Indonesia, Various Engineering roles, 1990 to 1998
Alta Gold Corp, Chief Engineer, Ward Mountain Mine, 1986 to 1989
Sunshine Mining Company, Mine Engineer/Foreman, 16 to 1 Mine, 1981 to 1986
Day Mines, Resident Engineer, Victoria Mine, 1980 to 1981
US Gypsum, Mine Engineer, 1979 to 1980

Education

B.Sc., Mining Engineering, Virginia Tech, 1979

Professional Affiliations

PE, Mining, Nevada
PE, Mining, Arizona
Society of Mining Metallurgy and Exploration (SME), Registered Member
Australian Institute of Mining and Metallurgy (AusIMM), Fellow