

John Jiang M. Sc.
Manager, Mineral Processing



John joined Barrick in 2007, having more than 27 years of mineral processing and hydrometallurgy experience. He worked in a Cu-Pb-Zn mine for optimizing grinding and flotation performance. He has managed numerous laboratory & piloting projects for double refractory gold and copper-gold ores in areas of flotation, gravity, HPGR, ultra-fine grinding, conventional and surfactant-assisted cyanide leaching. He has also run plant circuit surveys for several Barrick mines. He is a member of CIM and TMS.

EDUCATION

- Master of Science (Ultrafine Grinding), Northeastern University, China, 1984-1987
- Bachelor of Science (Mineral Processing), Northeastern University, China, 1980-1984

WORK EXPERIENCE

AuTec Limited, Vancouver, BC

2015 – present

- Manager, Mineral Processing

Barrick Technology Centre, Vancouver, BC

2007 – 2014

- Manager, Metallurgy
- Senior Metallurgist and Mineral Processing Group Leader
- Metallurgist

Myra Falls, Breakwater Resources Ltd. (now Nyrstar), Campbell River, BC

2006-2007

- Mill Metallurgist

Placer Dome Research Centre (now Barrick), Vancouver, BC

2002-2006

- Research Metallurgist

Process Research Associates (now BV Minerals – Inspectorate Metallurgy), Vancouver, BC

2000-2002

- Metallurgist and Project Manager

Quint Mining Ltd., Vernon, BC

1998-2000

- Metallurgist

China National Engineering Research Centre of Industrial Minerals, China

1987-1997 (1989-1990 in UK)

- Manager
- Sr. Engineer / Project Manager / Engineer

ACADEMIC POSTINGS

Leeds University, UK, 1989-1990

- Visiting Scholar, Mining Engineering Department

SELECTED ACHIEVEMENTS

- Patent – Use of cationic surfactants in the cyanidation of refractory carbonaceous ores for recovery of metals
- More than 10 published papers

AWARDS

- 1991 China National Science and Technology Top Award – Development and Application of Ultrafine Grinding for Industrial Minerals

LANGUAGES

- English
- Chinese