



Curriculum Vitae

Chris Wilson – Geologist



Profession:	Geologist
Education:	<ul style="list-style-type: none">○ BSc (Hons)○ PhD
Registrations/ Affiliations:	<ul style="list-style-type: none">○ Chartered Fellow of the Australian Society Mining and Metallurgy.○ Fellow of the Society of Economic Geologists - FSEG.○ FAusIMM (CP).

Overview

Commercially-driven exploration geologist with over 25 years of experience in area selection and prospect generation, target generation and testing, and the design and management of large resource definition drilling and pre-feasibility programs. Experience in project review, valuation and acquisition in over 60 countries, encompassing most commodities and deposit types. Experienced with design and management of joint venture and earn-in agreements, and advice on public listing.

Very strong project management and logistic skills acquired in some of the harshest environments on Earth, with demonstrated ability to simultaneously design, implement and manage multiple exploration programs, within a single country or different countries, whilst continuously reviewing results, modifying exploration and drilling programs, and providing timely updates to management—as Exploration Manager for Ivanhoe Mines Mongolia I was responsible for an exploration team of over 300 people across a portfolio of 127 licenses totaling 11,202,096 hectares with a spend in excess of USD 1 million / month.

Willingness to take full ownership and responsibility for the design, management and execution of all stages of an exploration program and drill testing; oversight and responsibility for exploration and project teams in all disciplines; and oversight of all data to ensure it is fully defensible—alternatively able to provide bespoke technical and managerial support for a company's in-house team.

Experienced at executive and board level with private and public companies, and associated reporting and regulatory requirements. Strong interpersonal skills with ability to build technically-proficient, self-reliant



and motivated teams encompassing a range of cultures and nationalities, roles and experience. Committed to effective implementation, management and monitoring of HSEC.

Chartered Professional and Qualified Person for the reporting of exploration results and mineral deposit resources/reserves in accordance with the CIM (NI43-101) and JORC codes—significant experience with Russian GKZ code and strong understanding of the South African Code for Reporting of Exploration Results, Mineral Resources and Mineral Reserves (SAMREC) and NAEN codes.

Experienced scientific and technical writer of company reports, company prospectuses, stock exchange reports, due diligence reports and corporate press-releases. Able to work to tight deadlines and generate high impact reports—whilst retaining data integrity and appropriate standards of public disclosure.

Key Skills – Exploration/Geological

- Experience in most commodities and deposits types at all stages of exploration—from area selection, target generation and ranking, through greenfields exploration, target definition and drill testing, to brownfields development and pre-feasibility studies.
- Specific experience in the review, target generation and drill testing of copper, copper-gold and molybdenum porphyry and associated skarn systems; high and low sulphidation epithermal systems; intermediate sulphidation epithermal systems, mesothermal gold systems; carlin-style gold systems; MVT and carbonate-hosted base metal systems; volcanic-associated massive sulphide deposits; SEDEX deposits; nickel sulphide and laterite deposits; orthomagmatic PGE deposits; intrusion-hosted gold and IOCG systems; REE bearing pegmatites; and iron deposits.
- Significant experience with supergene processes and exploration of supergene gold and copper systems. Very extensive experience of placer gold and gold-in-tailings including characterization, resource modelling and production.
- Extensive project review experience of multi-disciplinary datasets (remote sensing, geology, geochemistry, geophysics, structure and drill data) ensuring mineralization is placed within the wider context of geological, structural and hydrothermal evolution. Ability to rapidly interpret complex datasets and identify and test high value targets. Fully conversant with all aspects of GIS and database management.
- Results driven ensuring effective use of funds in order to add shareholder value—able to integrate all technical disciplines, package and disseminate data to team leaders and specialists, and drive exploration on basis of corporate direction, group decision and personal experience.
- Excellent understanding of Best Practice and QA/QC including design, implementation and monitoring of project specific protocol—and training of staff therein. Experienced auditor of assay laboratories on behalf of listed companies. Experienced in design of contracts with assay laboratories, implementation and live-time monitoring of tolerance limits, and dispute resolution.



- Specialist experience with all types of drilling in all ground conditions (personal involvement with 250,000+ m of aircore, RAB, RC and DDH), including man-portable, vehicle-mounted, helicopter-supported and underground drilling. Very significant experience with input into drill contracts, monitoring and enforcement of quality, and dispute resolution.

Corporate and Managerial

- Proven project management skills with the ability to listen, learn and negotiate at all levels including government, corporate, JV partners, service providers, and community. Able to rapidly prepare presentations to educate, articulate views and promote company values and culture.
- Ability to solve multiple short term problems and adapt to difficult and changing challenges—whether technical, social or corporate, whilst retaining long term corporate and exploration vision.
- Fully conversant with preparation of strategies, annual plans and budgets—ability to work to tight deadlines, within budget, and liaise closely with management.
- Robust understanding and management of current and future HSEC risks developed through many years managing large exploration teams in remote and challenging environments, where cultural, social and environmental issues require special awareness.
- Very strong understanding of corporate governance, reporting and public disclosure gained in capacity as CEO and Executive Director of Hunter Bay Minerals Plc., and board positions with other listed companies. Rapidly able to understand in-country corporate, employment, mineral exploration and development laws—demonstrated ability to work within law to benefit of company, stakeholders, and local partners and communities.

Personal

- Trustworthy, ethical, highly motivated person prepared to take ownership and deliver results— independent self-critical thinker driven to improve and redefine limits.
- Positive outlook, with ability to adapt and thrive in challenging corporate, geological and physiographic environments. Fast learner able to reduce complex problems to component parts, and find solutions either independently or through the design, delegation and management of multi-disciplinary teams.
- Excellent written and oral communication skills with ability to interface between project and management; competent public speaker with significant experience presenting to analysts, investors, shareholders and board members
- Presenter of short courses at the Cambridge Show, British and European Universities; design and presentation of the 3 day 'Mining in a Day' course.



Employment History

2018 - Present	Principal Geologist	Bara Consulting
2007 - 2018	Director and Principal Consultant	Exploration Alliance
2009 - 2014	Chief Executive Officer	Hunter Bay Minerals
2006 - 2008	Associate Principal Exploration Geologist	SRK and SRKES
2005 - 2005	Consultant Geologist	Eurogold (Pty) Ltd
2004 - 2005	Consultant Geologist	Ivanhoe Mines Eastern Europe
2001 - 2004	Exploration Manager	Ivanhoe Mines Mongolia
1999 - 2001	Senior Exploration Geologist	Ivanhoe Mines
1999 - 1999	Contract Geologist	Kenmare Resources (Pty) Ltd
1995 - 1998	Project Geologist	Indochina Goldfields