

Capabilities

Mineral Exploration



I can offer clients with an extensive range of mineral exploration services, building on experience spanning all phases of exploration programme planning, execution and management:

- exploration strategy development;
- conceptual project generation, including historic data compilations and reviews;
- field data collection and interpretation;
- drilling programme design and management;
- geological modelling and resource evaluation;
- reporting, and,
- all levels of feasibility studies.

Multi-commodity experience includes both metals and industrial minerals in a **broad range of deposit styles and geological settings**, including:

- lithium and other battery materials, including cobalt and nickel
- borates
- potash
- mineral sands
- emerging technology metals
- copper, nickel, zinc and other base metals
- metallurgical and thermal coal
- uranium
- iron ore

I believe that exploration needs to follow a **success-based approach** that encompasses:

- pursuit of **sustainable objectives**;
- adherence to **exploration search-space** concepts, including the development of viable exploration targets to maximize exploration effectiveness and investment returns;
- effective exploration and resource **risk management**, through early recognition of mineralisation characteristics and continuity to provide a basis for effective sampling;
- planning to **maximise the value of all exploration data** collection, especially drilling, and **prevent costly, remedial data collection**.

Competence, communication and working collaboratively with clients is key to maximising project value. I work closely with other independent consultants and leading consulting firms to develop solutions to exploration and resource evaluation projects that maximise practical experience and knowledge and leverage additional expertise where and when required. I have the ability to concisely communicate geological concepts, plans and results in language that caters for the intended recipients of information to help progress projects in a timely, coordinated manner. I have access to the **latest geological modelling, resource estimation and data analysis technologies** to help interpret exploration results, identify resource risks and, wherever possible, help to quantify both risks and opportunities inherent in all exploration and resource evaluation projects.

Visit my website for further information (www.geoscientist.com.au) or call to discuss your project.