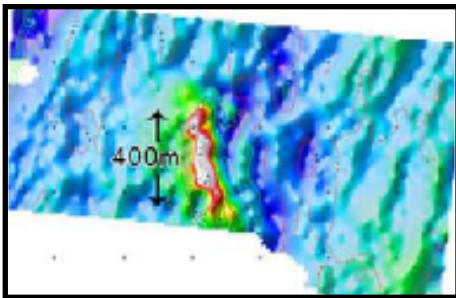


Mineral Exploration and Mining Services

The Mining and Exploration division of **Earth Consultants International** is a full-service geological consulting group. Our professional staff and affiliated consultants include geologists, geophysicists, geotechnicians, and GIS-based modelers and drafts-persons, each bringing his/her own unique skill set to the team. Our experience ranges from project generation through greenfield and brownfield projects to mineral resource definition studies, Environmental Impact Reports and Mining Lease applications. We manage all aspects of mineral exploration programs, from data compilation, project design and project management, through all levels of implementation.

Our mineral knowledge and background include precious (gold, silver, platinum) and base metals (copper, iron, zinc and nickel), as well as industrial minerals and rare earth elements (REEs). Past and current clients are Scandinavian, Canadian and Australian exploration companies with projects throughout the world and in different geological settings. Together with our Engineering Geology group and our groundwater and environmental affiliates, we can also assist you with slope and embankment stability issues, road alignment feasibility and planning studies, leachate field remediation analyses, and other geological aspects associated with the development and remediation phases of any mining project. We provide flexible, innovative and knowledgeable solutions to these issues.

Mineral Exploration Begins with Knowledge



Interpretation of Geophysical Data



Core Logging



Mapping of Lithology and Structures

MINERAL EXPLORATION

- Permit applications
- Project acquisitions / Generation
- Exploration program design
- Geophysical surveys, including airborne / UAV
- Exploration program management
- Drilling program management
- Drilling programs
- Core logging and sampling
- Geological and geophysical analysis
- Geological interpretations
- Mapping and surveying, including airborne / UAV
- Qualified Person - Reports / Press Releases
- Expert consulting

MINING GEOLOGY

- Mining resource assessment
- Mining resource / Reserve estimation
- Reserve classification
- Independent reporting of resources
 - US - SEC Industry Guide 7
 - Canadian - National Instrument 43-101
 - Australian - JORC Code



Our consultants provide services for all types of mineral exploration and mining geology projects. We are based out of southern California, but have strategic associates around the world, allowing us to be responsive and effective almost anywhere. Consider Earth Consultants International your one-stop shop for these services.

