Resource Geosciences provides exploration services to mining and exploration companies. Geologists by training, and explorationists by experience, the founders have over eighty years of international exploration experience gained through employment with Placer Dome, BHP, Newmont, Cambior, Peñoles, and Frisco. Resource Geosciences and its Directors are able to effectively conduct business in English, Spanish, and Portuguese and have done so in a variety of operating environments including Brazil, Canada, Chile, Costa Rica, Ecuador, Guatemala, Mexico, Papua New Guinea, Peru, and the United States.

Resource Geosciences is exclusively a provider of technical and administrative services and does not acquire interests in mining projects for its own account nor promote projects for clients.

Diverse Exploration and Project Development Experience

- Created accurate geologic and resource models for the Piedras Verdes porphyry Cu deposit, Mexico, currently producing 70M pounds of cathode Cu per annum.
- Provided exploration and strategic consulting services to Grayd Resources enabling successful development of the La India Gold Project, Sonora.
- Negotiated surface rights agreements with 5 agricultural communities and 84 homeowners, culminating in a $2M community relocation project required for development of the Piedras Verdes copper mine.
- Provided technical, permitting, and logistical direction and co-authored the 2010 Preliminary Economic Assessment for the La India Gold Project which formed the basis for its sale to Agnico Eagle Mines for $275M CDN in 2011.
- Evaluated porphyry copper, IOCG, and manto copper deposits for clients in Regions I, II, III, and IV, Chile.
- Managed and implemented regional exploration programs comprising detailed geologic mapping, systematic geochemical surveys, lithogeochemical classifications, and petrologic studies at the Bahuerachi porphyry copper deposit, Chihuahua, Mexico.
- Developed a 2,000 gpm mine water supply from unconventional hardrock aquifers.
- Led successful effort to obtain all necessary Federal, State, and Municipal permits needed to construct and operate a large scale open pit mine in Mexico.
- Managed underground mine development and exploration drill programs.

Services Provided

Our staff of geologists, technicians, and support personnel are ready to assist with:

- Complete "Turnkey" Exploration Program Administration and Management
- Property Evaluations and Due Diligence Studies
- Independent Project Audits (QA/QC)
- CSA NI43-101 Technical Reports (for long term clients only)
- Geological Mapping
- Geochemical Surveys
- Geological Modeling
- Resource Discovery and Definition Drill Programs
- Geotechnical Drill Programs
- TerraSpec Vis/NIR Mineral Spectrometer Alteration Mineral Analysis
- Construction and Operation of Remote Field Camps
- Equipment Supply Including Generators, 4x4 Field Vehicles, Camp Equipment
- Representation and Administration of Mexican Subsidiaries of Foreign Companies
- Accounting Services
- Personnel/Payroll
- Tax Filings
- Corporate Filings
Key Personnel

Matthew D Gray, Ph.D., CPG #10688 - President and Founding Partner
Dr. Gray holds degrees from the Colorado School of Mines (B.Sc. Geological Engineering; Ph.D. - Geology, Minor in Mineral Economics) and the University of Arizona (M.Sc. - Geosciences). He is an A.I.P.G. Certified Professional Geologist and a CSA NI43-101 Qualified Person. During a twenty six year career with Placer Dome, Cambior, and Resource Geosciences he has directed generative exploration programs and project evaluations throughout the Americas. Dr. Gray has successfully resolved mine permitting, water rights, and community relocation issues related to mine development in Mexico. He has extensive experience in project development and resource/reserve QA/QC validations. Dr. Gray is bilingual English-Spanish and acts as a Qualified Person as per the definitions of CSA NI-43-101 for programs conducted on behalf of clients.

Mario Castellanos Tellez - Senior Geologist and Founding Partner
Ing. Castellanos is a graduate of the Geology Department of the University of Sonora in Hermosillo, Mexico. His academic thesis described the relationships between differing intrusive phases and formation of the skarn deposit at La Negra, Querétaro. Prior to co-founding Resource Geosciences his 14 years of professional exploration experience were spent with Placer Dome, BHP, Peñoles and Frisco, evaluating precious and base metal projects in Latin America. Ing. Castellanos acts as project manager for programs conducted on behalf of clients.

Luis Fernando Oviedo - Senior Geologist and Founding Partner
Ing. Oviedo is a graduate of the Department of Geology of the University of Sonora in Hermosillo, Sonora. His academic thesis described the relationship between structures and gold mineralization in Precambrian and Jurassic terranes in Sonora. Prior to co-founding Resource Geosciences, Ing. Oviedo’s career encompassed 14 years evaluating projects in Mexico, Brazil, Peru, and the United States for Placer Dome, Newmont, Peñoles, and Frisco. Ing. Oviedo is bilingual Spanish-English and acts as project manager for programs conducted on behalf of clients.

Our Clients

Contact Us

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