

MGC is a geology consultancy group specialising in mineral exploration, structural geology, geotechnical studies. We are a leading provider of consulting services to exploration, mining and civil engineering companies



Our services

Mineral exploration targeting and project assessment:

Greenfield / brownfield mineral exploration & advanced exploration in working mines:

- Geological mapping across all scales including conventional geological mapping; exploration mapping focused on the relationships between lithology, structures and hydrothermal alteration and mineralisation, structural mapping, geotechnical mapping;
- Planning and managing drilling projects;
- Core logging, sampling and analysis of drill-core data - lithology, alteration, ore mineralogy and mineralisation;
- Soil and stream sediments geochemical surveys - project management, sampling, data processing and modeling;
- Reporting

3D geological modeling of mining and exploration projects & mineral resource estimation;

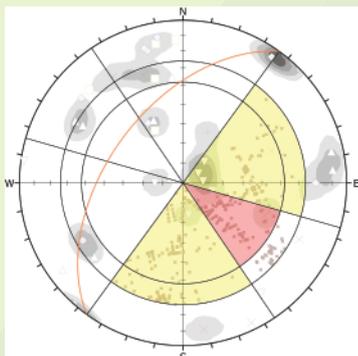
Structural geology studies and interpretations & analysis of the structural control on mineralisation;

Petrography, ore mineralogy and microstructural analyses, microelement studies, interpretation of short wave near infrared (SWIR) spectral or traditional XRD analyses databases;

Application of Anisotropy of Magnetic Susceptibility analysis (AMS) in deformed mineralised systems;

GIS-mapping solutions & geodatabase development

Geological contracting services.



Geotechnical services

- Geotechnical mapping - open pit & "greenfield" data collection and analysis;
- Slope stability analysis;
- Risk assessment;
- Geotechnical core logging and data analysis;
- Sampling for laboratory study of rock physical/mechanical properties;
- Geotechnical database design for field data management

Software capabilities

- Mapping and mineral exploration - MapInfo Discover, ArcGIS, Leapfrog
- Slope stability analysis and structural analysis - RockScience package, SSWIN
- Graphical Softwares, Dtb

MGC provides services to numerous companies in the Balkans, covering different commodities, deposit types, regional geological setting. We provide services for infrastructure projects and organise training courses.



Recent projects and clients

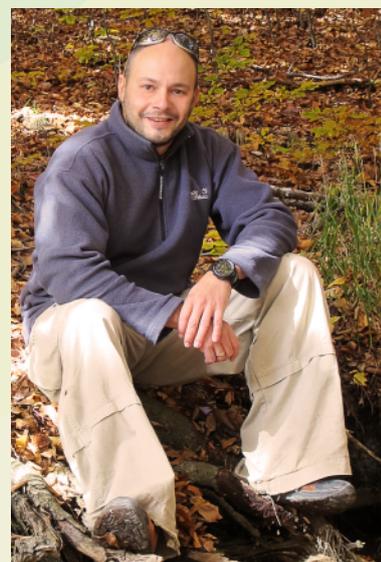
- Geotechmin corporation - Elatsite porphyry Cu-Au-Mo deposit, Bulgaria
mapping, core logging, sampling, 3D alteration and mineralisation, lithological and structural modeling, slope stability analysis, AMS analysis, isotope geochronology study;
- Dundee Precious Metals - Ada Tepe & Chelopech Au and Au-Cu deposits, Bulgaria
structural geology and regional geology consultancy;
- Vardar Minerals UK - Kosovo Au, Cu-Au and Pb-Zn-Ag greenfield exploration projects
greenfield exploration mapping, trenches mapping, channel sampling, core logging and sampling, soil sampling;
- Geoconstruct OOD, Bulgaria
mapping, structural and geotechnical analyses, slope stability analysis, geotechnical core logging for civil engineering infrastructural projects;
- Palsatech Global
geo-database development services;
- Aurubis Bulgaria
general geology training course;
- First Quantum Minerals - North Macedonia
contract geologist service for a greenfield mapping project.

Contact Information

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