

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;

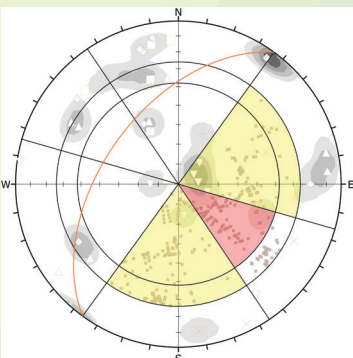
Structural geology studies and interpretations; analysis of the structural control on mineralisation;

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 softwares
- 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
exploration and geotechnical mapping, core logging, sampling, 3D modelling, slope stability analysis, AMS analysis;
- Dundee Precious Metals - Ada Tepe, Chelopech & Iglika Au, Au-Cu and Cu-Au deposits, Bulgaria
structural geology and regional geology consultancy;
- Vardar Minerals UK - Kosovo Au, Cu-Au and Pb-Zn-Ag greenfield exploration projects
exploration mapping, trenches mapping, channel sampling, core logging and sampling, soil sampling, 3D modelling;
- Cobre Ltd - Cu-Ag exploration projects in the Kalahari Copperbelt, Botswana
technical workshop for exploration planning, structural interpretation of drill core and geophysical data, analysis of the structural control on the mineralisation;
- Geoconstruct OOD, Bulgaria
mapping, structural and geotechnical analyses, slope stability analysis, geotechnical core logging;
- Palsatech Global, Finland - geo-database development services;
- The MSA Group - Kazakhstan Au project
drill hole programme planning, logging database review, structural core logging, structural analysis, 3D model update
- RES - Egypt Au projects
exploration mapping, structural fieldwork, analysis of the structural control on mineralisation
- MINEX GmbH - Li pegmatite exploration mapping and sampling in the Eastern Alps of Austria
- Aurubis Bulgaria - general geology training course;
- First Quantum Minerals - North Macedonia project - contract geologist service for a greenfield mapping project.

Contact Information

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