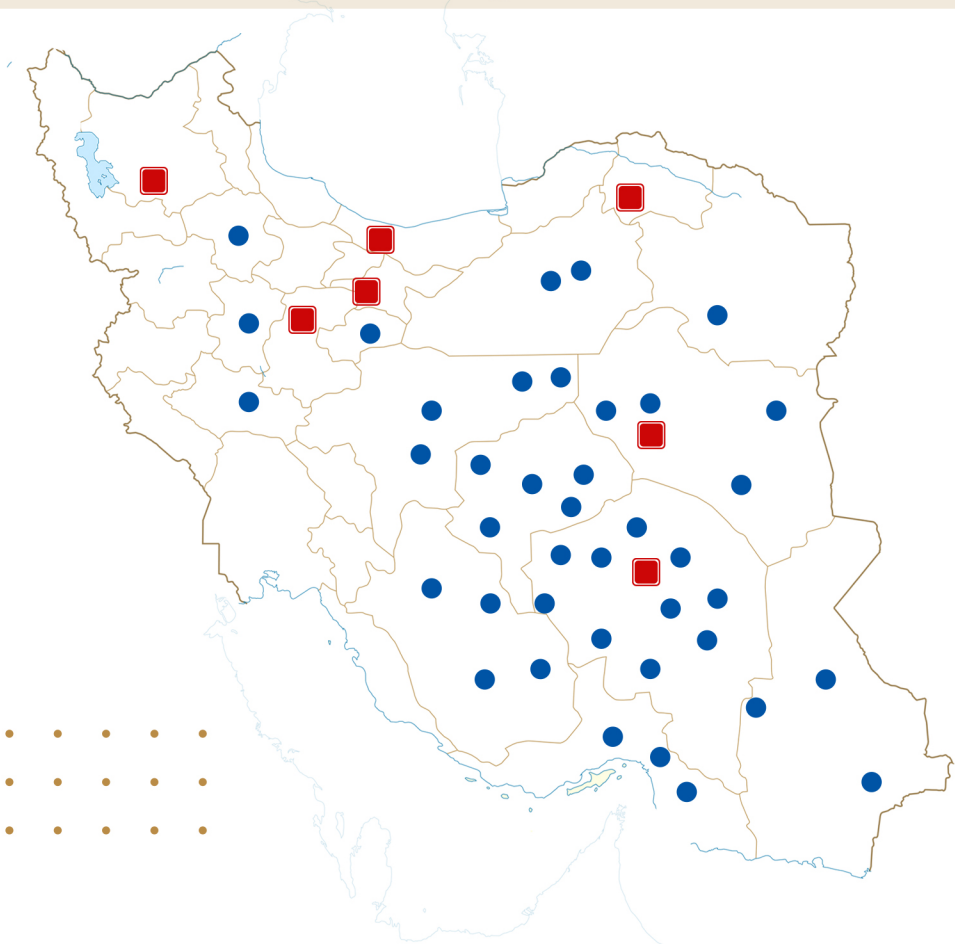


In addition to dozens of ongoing projects in Iran, this company also provides operational and engineering services on mineral projects in Venezuela, Armenia and Afghanistan



**Arad Mining .co**

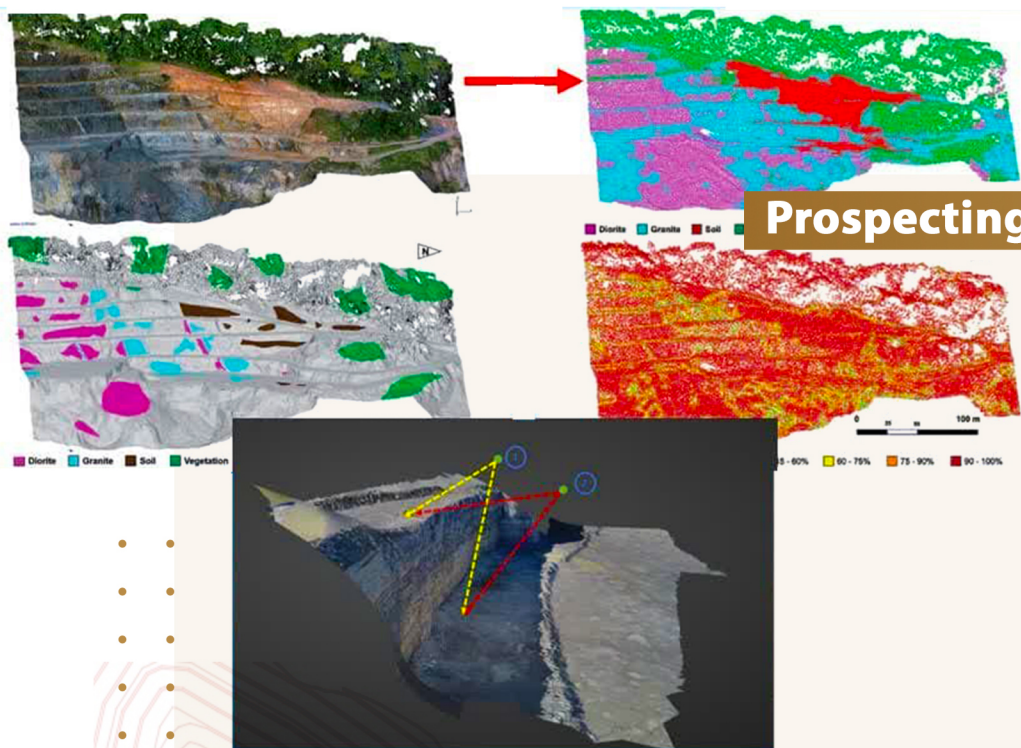
**Consulting, Mine Planning and Operation Management**



Arad Consulting Engineers relies on more than 20 years of its engineers' experience in major mining projects inside and outside Iran, such as the Gol Gohar Sirjan iron ore mine complex, Sangan iron ore mine Complex, Iranian iron ore Central, Sarcheshme copper mine, Sungun copper mine, Galandroud underground coal mine, Tabas open pit coal mine, Mooteh gold mine and has ongoing projects in the fields of exploration, Mine planning and design of various minerals such as iron ore (magnetite and hematite), copper (sulfide and oxide), coal, lead and zinc, gold, nepheline-syenite, antimony and...

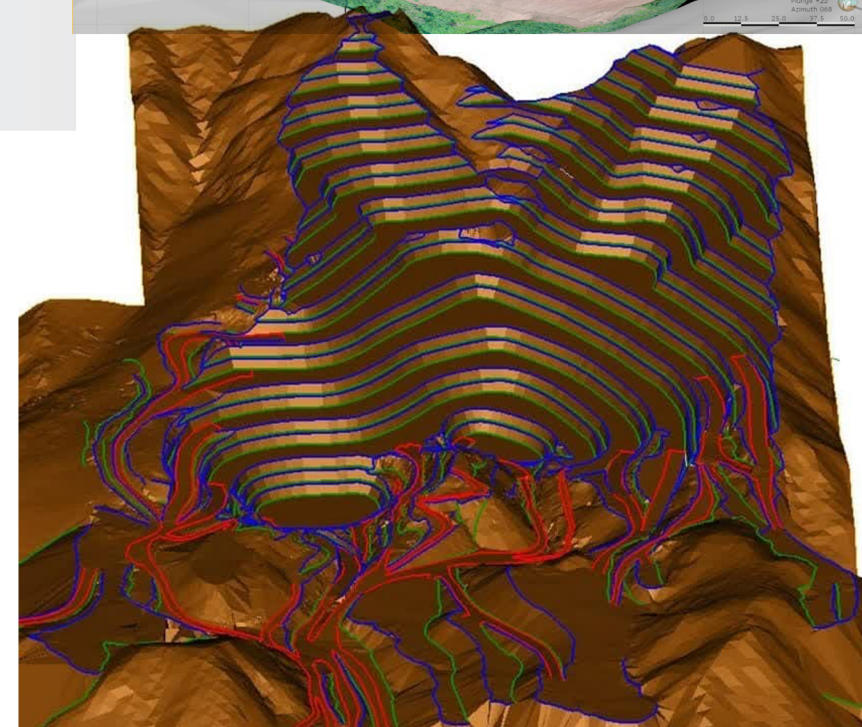
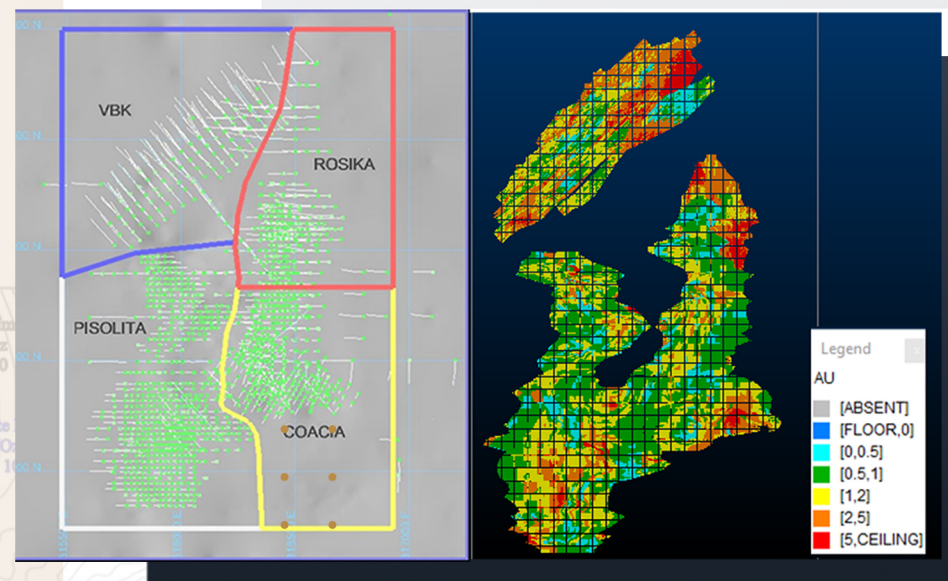
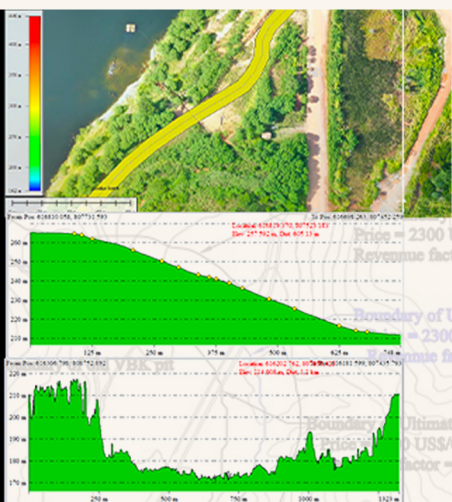
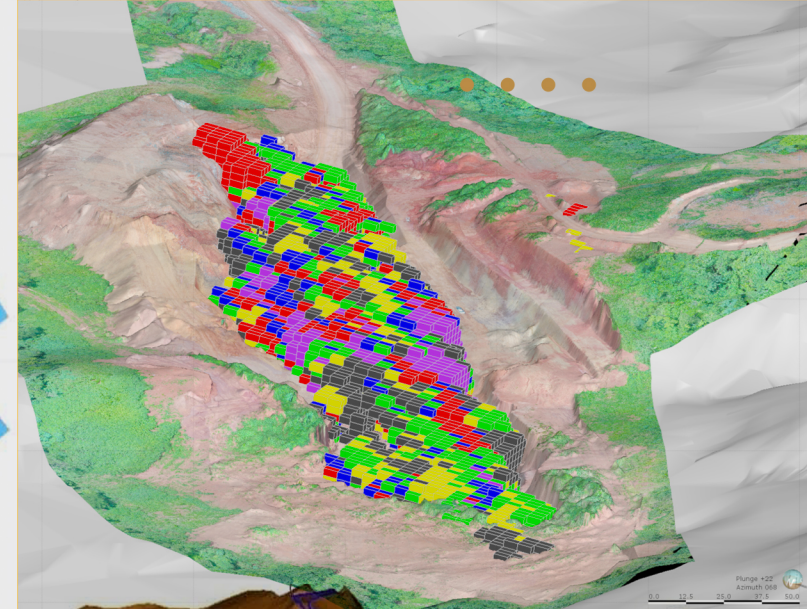
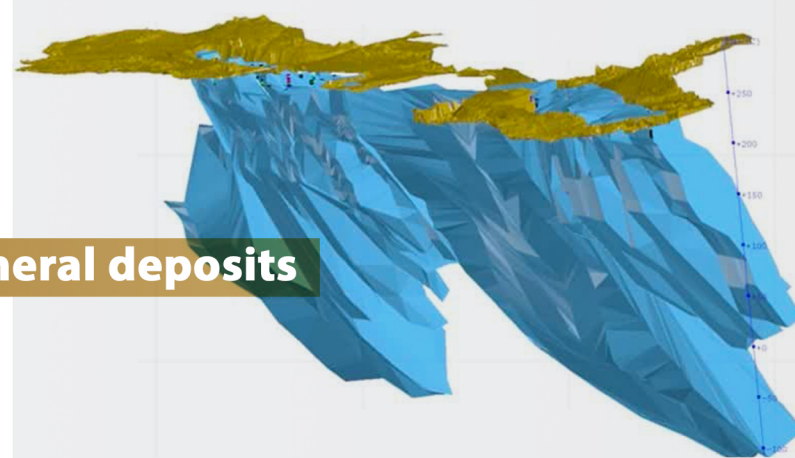
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**Phone & fax: (+9821) 4466 7282 - Email: info@aradmining.com**





## Prospecting and Exploration of mineral deposits

- Drone Surveying
- Remote sensing studies
- Geochemical studies
- Studies of polished thin sections
- Collection and interpretation of geophysical data (magnetometry, geoelectric, gravimetry, radiometry, seismology, etc.)
- Preparation of geological map



## Mineral Resource Estimation

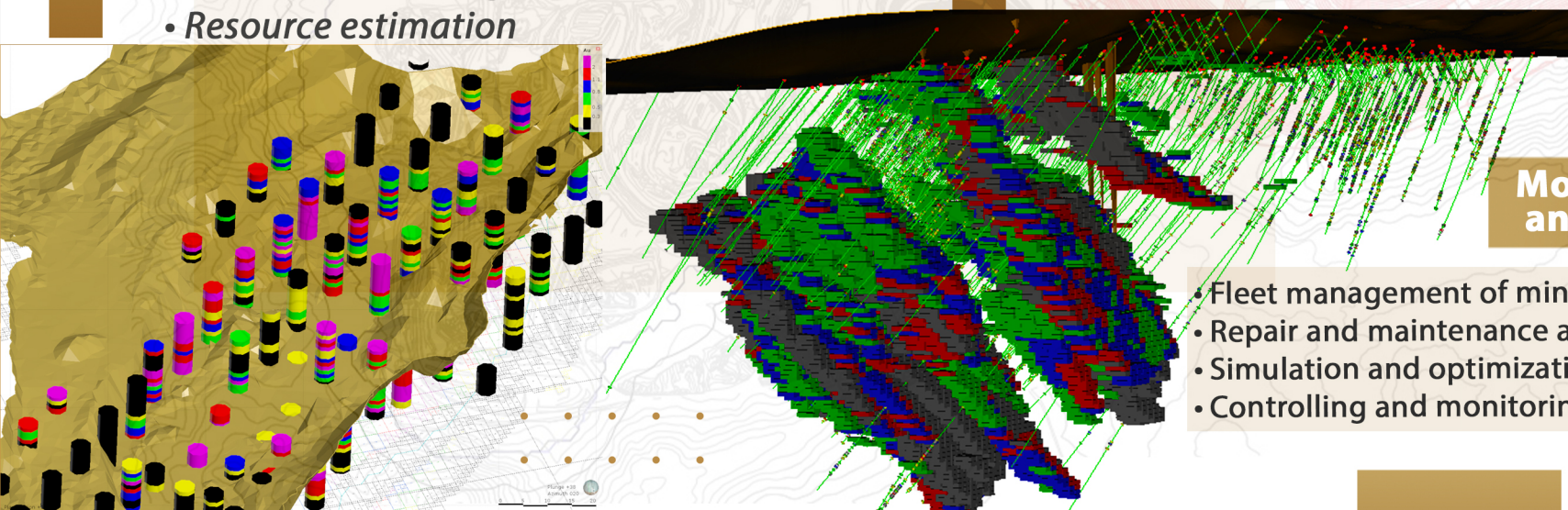
- Design and optimization of exploration boreholes network
- Supervision of exploration drilling operations
- Geostatistics studies
- Resource modelling
- Resource estimation

## Geotechnical studies

- Conducting lab & filed test for soil and rock
- Slope stability Analysis
- Carrying out slope stability projects

## Mine planning & design (open pit and underground)

- Strategic mine planning and mine optimization
- Tactical & operational scheduling
- Open pit and underground mine design
- Feasibility studies
- Supervision of mining operations



## Monitoring, maintenance services and repairs of mining equipment

- Fleet management of mining equipment (operation monitoring)
- Repair and maintenance a
- Simulation and optimization of haulage system
- Controlling and monitoring the performance of equipment, manpower and units

