



**EMIDCO**

شرکت سرمایه گذاری و توسعه معادن شرق  
EAST MINES INVESTMENT & DEVELOPMENT CORP.





## About us



Kavosh Gostar Amin



Miami Copper Miners



Sabzevar Tappeh Siah Copper

It is with great pleasure that we announce that East Mines Investment and Development Corporation (EMIDCO) established its executive activity in 2009, relying on the valuable experience, knowledge, and expertise of its management team and colleagues in the mining and mineral industry of the country.

In 2010, the company began its export and import activities of minerals and related industries. Having extensive international relations has enabled it to gain successful experience in this field. Thus, it became the top exporter of the Khorasan province in 2021 due to this.

Creating added value, increasing exports, gaining currency in the field of mineral products, and completing the supply chain, from exploration to processing, is our strategic objective.

As part of its mission, the company is dedicated to developing and facilitating its activities in the field of exploration, extraction, and processing of minerals. It is also committed to investing in the technological sectors of this field by utilizing the latest technologies. As a result of the company's projects scattered throughout the country, including the provinces of Khorasan Razavi, North Khorasan, South Khorasan and Semnan, more than 200 natives of the region have been directly and indirectly employed in this manner. This group's objectives include the development of the company's human resources through the improvement of knowledge, teamwork, expertise, as well as the protection of specialized personnel.

By planning the completion of projects on time and utilizing knowledge-based technologies, this company has taken effective steps towards increasing customer, colleagues and business partners' satisfaction and trust.



## Mission

Provide all services related to the exploration of minerals and the analysis of data according to the international Jurak discoveries standard

Provide mining services up to a depth of 2000 meters using the double wall coring technique

Supplying equipment and materials necessary for the steel production chain with a focus on ferroalloys

Enhancing competitiveness by controlling unexpected stoppages

Upgrade the machines' technology

Increase machine productivity by controlling unforeseen stops

Upgrading machinery technology levels

Identifying the exhibition and event capacity in accordance with the company's strategies

Attending or participating in exhibitions related to target markets

Continuous increase in specialists' employment

## Values of the organization

The respect and commitment to the values of Islam and humanity

Enhancing and upgrading the technologies associated with the production and processing of products

Process modification and optimization to reduce the consumption of fossil fuels and resources

Enhancing workplace safety and health as well as improving environmental conditions

Enhancing the productivity of human resources through continuous improvement of organizational and structural processes

Communicating effectively with universities and science and technology parks

The empowerment of human resources through the development of educational processes in the company's specialized fields



## Company strategies



Maintaining and improving customers' satisfaction domestically and internationally



The identification of mineral zones with the potential to be exploited



Increasing domestic market share and developing target markets abroad



Enhancing the technological level by collaborating with academic experts, elites, and scientific and technological centers



An essential foundation for applying knowledge-based technologies for mineral treatment and extraction



Planning for prospecting, preliminary explorations and detailed explorations in the country's mining areas



### Specialized services offered by the company

- 1 Exploration and drilling operations design and implementation
- 2 Mining operations design and implementation
- 3 Export and import chains of the steel and mining industries
- 4 Design and implementation of a mineral crushing and processing site
- 5 Technical Services
- 6 Supporting and investing in innovative ideas
- 7 Education and consulting

### International and commercial activities

Steel chain exports and imports, particularly alloy steel chains, to CIS countries, the Russian Federation, China, and the European Union

The export and import of products and minerals into the Russian Federation, China and the CIS countries as part of the cycle of adding value

Providing raw materials for alloy steel factories in the country through imports

Providing machinery and equipment to the mining industry

Import and export of ferroalloys



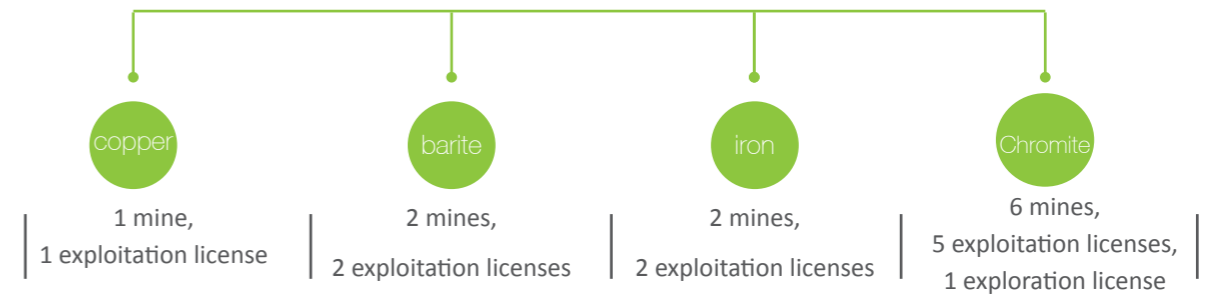
- As part of a green mining initiative, more than 400 trees have been planted in the suburbs of mines
- More than 150 kilometers of roads were constructed to provide better access to mines and nearby villages
- Promoting health and hygiene among villagers by conducting educational classes
- Creation of jobs through the employment of native workers in order to reverse migration and remove deprivation
- Developing watershed projects for mining areas
- Ensuring the safety and health of employees in the workplace through the implementation of environmental and health guidelines
- Mine water consumption management according to the crisis of water shortages in the country
- Modifying processes in order to minimize environmental impacts in order to optimize resource and fossil fuel consumption
- By conducting employment tests to attract qualified candidates at all levels of employment, equal job opportunities will be created




## General company information



## Mining information





## Exploration and drilling services

In 2019, East Mines Investment and Development Corporation (EMIDCO), in accordance with improving and developing its service offerings, prepared and supplied drilling machines in accordance with modern technologies for mining exploration operations that require deep drilling operations with high precision. Therefore, with the development of the Exploration and Drilling Department, a new service has been added to this company's services. By recruiting and employing efficient and experienced drilling teams and having full hydraulic drilling equipment, it has successfully developed its exploration and drilling activities in this direction.

### Equipment specifications

Device type	Full hydraulic
Device model	PD-500
Engine type	Turbo Diesel
Engine model	VOLVO PENTA TAD853VE
Engine power	315 hp
Engine speed	2200 rpm
Engine volume	7700 cc
Main winch power	18 TON
Innertube winch power	2 TON
Device movement speed	5 Km/h
Drilling angle	up to 45 degrees deviation angle
Weight	16 TON
Flower pump capacity	120 lit/min
Mud pump pressure	50 bar



### Drilling specifications

Drilling depth (m)	Drilling diameter (mm)	Device Rod size
650	114.00	PWL
1000	88.9	HWL
1550	69.9	NWL
2000	55.60	BWL

### Comparison of drilling machines

	Full hydraulic drilling machine	Wireline drilling machine	Metric drilling machine
Average drilling length per day	50 m/d	20 m/d	10 m/d
Maximum reachable depth	2000	600	50
Core Recovery factor	High	High	Very high
Setup displacement and speed	High	Low	Low

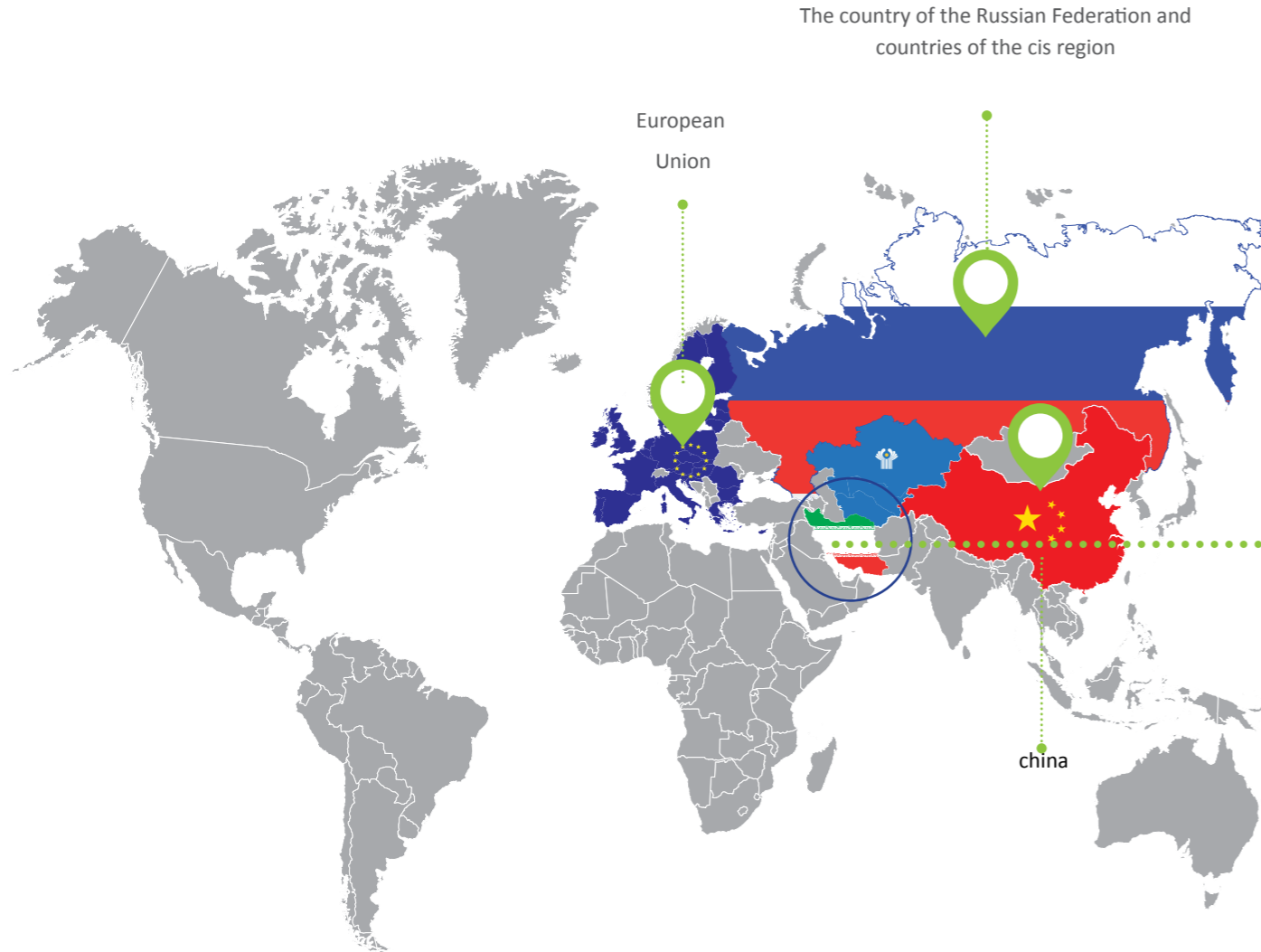
### Device dimensions

	Height (m)	Length (m)	Width (m)
Horizontal	2.575	6.200	2.300
Having a 45° angle	7.110	7.030	2.300
Having a 90° angle	9.680	7.030	2.300

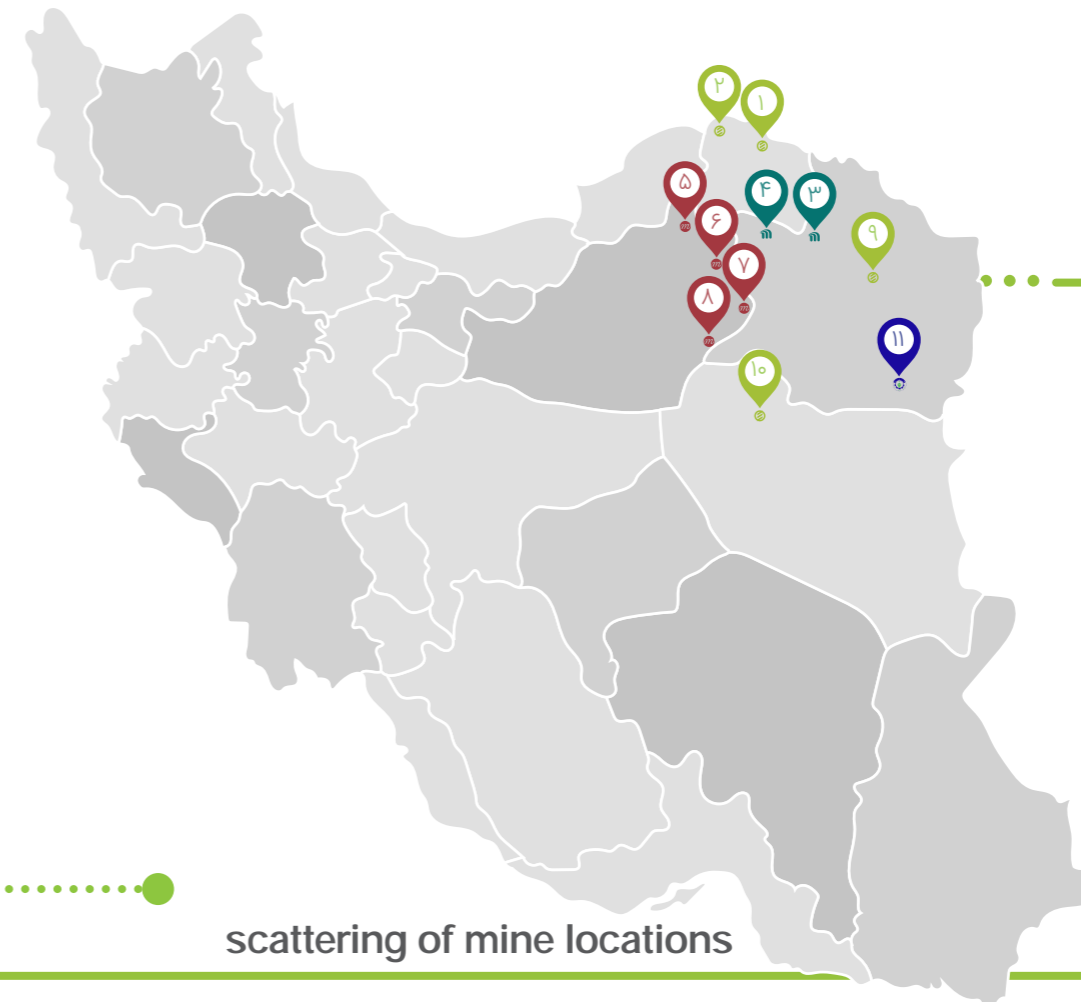




## Export and commercial purposes



## scattering of mine locations



## scattering of mine locations

- ① Yekka Soud, Barit, Razo Jarglan, North Khorasan
- ② Qaraqanlu, Barit, Razo Jarglan, North Khorasan
- ③ North Tappeh Siah, copper, Esfrain, North Khorasan
- ④ South Tappeh Siah, copper, Sabzevar, Razavi Khorasan
- ⑤ Galeh Sorkh, copper, Miami, Semnan
- ⑥ Chah Godal, copper, Miami, Semnan
- ⑦ Chah Shur, copper, Miami, Semnan
- ⑧ Kamar Siah Mahan, copper, Miami, Semnan
- ⑨ Chah Yabo, Chromite, Neishabur, Razavi Khorasan
- ⑩ Zirkuh, Iron, South Khorasan
- ⑪ Tengal Nora, Iron, Rashtkhar, Razavi 11 Khorasan





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