

گروه سرمایه گذاری فولادگستر کوثر

KOWSAR INVESTMENT GROUP



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K O W S A R   I N V E S T M E N T   G R O U P



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## **Introduction**

Foolad Gostar Kowsar Holding is a specialized subset of Daric Investment Group. This holding has been established since 2007 in order to increase surveillance and performance of subsidiaries in direction of the goals of Daric Investment Group. The Holding is mainly involved in mining industry as well as trade and includes six specialized subsidiaries. Every company carries out its own specialized activities in different fields of mineral prospecting, exploration, mining as well as mineral processing. Subsidiary companies are as following:

- 1- Tavangaran Sahand Industrial Group**
- 2- Sahand Azaran Copper Industries**
- 3- Azarbaijan Iron/Titanium Processing Industries**
- 4- Sahand Azaran Coal Industries**
- 5- Sahand Azaran Lime stone Industries**
- 6- Adli Tekin Aria Commercial Group**



## **Introduction**

Tavangaran Sahand has started its activity in the field of mining since 2010 as a supplier of minerals and materials needed for the steel companies belonging Daric Investment Complex (with registered capital of 100 billion Rials), and nowadays becomes one of the greatest subsidiary of Kowsar Investment Holding which owns valuable mines as well as technical and qualified experts. Main activity of the company includes pre prospection, prospection, exploration, mining, grinding, mineral processing (in particular Iron Ore, Titanium, Copper and Gold), and installation of mineral processing facilities, ore treatment (metallic and non-metallic concentration). Tavangaran also provides geological studies, remote sensing, geophysical surveys and geochemical studies to meet the own needs.

# Mines and exploratory area explored by company

## Metallic Mines and exploratory area

- 1- Eskandian Mine (iron-titanium): Sero/ West Azerbaijan province
- 2- Moil Mine (hematite iron ore): Meskinshahr/ Ardabil province
- 3- Bashmaq Polymetal (Copper - Gold - Iron): Hashtrood (IOCG) / East Azerbaijan province
- 4- Avan Polymetal (Iron-Copper): Varzeghan/ East Azerbaijan province
- 5- Astamal property (iron): Varzeghan/ East Azerbaijan province
- 6- Tikmeh Dash property (polymetal - copper and gold): / Bostan Abad /East Azerbaijan province
- 7- Polymetal area in Shosaf and Khosf zones: Birjand/ South Khorasan province

## Non Metallic Mines and exploratory area

- 1- Buket Mine (limestone and marble): Ajabshir / East Azerbaijan province
- 2- Bard Zard Mine (silica): Bukan / West Azerbaijan province
- 3- Amir mine (coal): Maragheh / East Azerbaijan province
- 4- Min bash Hesar mine (coal): Maragheh / East Azerbaijan province
- 5- Goy daraq mine (coal): Maragheh / East Azerbaijan province
- 6- Avan 2 mine (granite): Kharvana / East Azerbaijan
- 7- Gedalu mine (refractory soil): Shahindezh / West Azerbaijan province
- 8- Challi mine (thermal coal): Maragheh / East Azerbaijan province
- 9- Pirsaga mine (thermal coal): Charoymaq / East Azerbaijan province
- 10- Qozlu mine (coking coke): Shahindezh / West Azerbaijan province
- 11- Badrloo mine (dolomite): Takab / West Azerbaijan province
- 12- Zand abad mine (granite): Ahar / East Azerbaijan province
- 13- Qara Kand mine (silica-barite): Maragheh / East Azerbaijan province
- 14- Khalifa Kandy Exploration Area (Lime - Dolomite): Maragheh / East Azerbaijan province
- 15- Khatab exploration area (coal): Maragheh / East Azerbaijan province
- 16- Gonbad exploration area (lime): Maragheh / East Azerbaijan province
- 17- Soleiman abad area (Silica): Shahindezh / West Azerbaijan province



## Samples Analysis

- **Eskandiyan Mine** (Iron-Titanium): Sero/West Azerbaijan, ore: Ilmenit 7% , Magnetit 28%
- **Moil Mine** (Hematite Iron Ore): Meshkin Shahr/Ardabil, Fet = 45-60%
- **Bashmagh Polymetal** (Copper-Gold-Iron): Hashtrood/East Azerbaijan (IOCG), Average Grade=%0.4
- **Avan Polymetal** (Iron-Copper): West of Songun/East Azerbaijan, Magnetite Concentrate 55-50%
- **TikmeDash Exploratory Area** (Polymetal): Bostanabad/East Azerbaijan, Cu = - 0.1 2% and Ag=150-0.2 ppm
- **Buket Mine** (Marble and Limestone): AjabShir/East Azerbaijan, CaO=54-53%
- **Bardezard Mine** (Silicon with purity over 97%)
- **Amir Mine** (Coal): Maragheh/East Azerbaijan, C.V= 6215
- **Goidaragh Mine** (Coal): Maragheh/East Azerbaijan, C.V= 7954
- **Gedaloo Mine** (Fire Clay): Shahindezh/West Azerbaijan, Al<sub>2</sub>O<sub>3</sub> = 42-36 %
- **Minbash Hesar** (Coal): Maragheh/East Azerbaijan, C.V= 7150







**SAHAND AZARAN COPPER INDUSTRIES Co.**



## **Introduction**

Sahand Azaran Copper Industries has been registered as one of the subsidiaries of The Kowsar Steel Development Investment Holding since 2004. The company is established to invest in the Ghazi Kandi copper Mine, which is located at the 9th Km of the northeast of Hashtroud city in East Azerbaijan Province northwest of Iran with an average height of 1900 m above sea level. The vein-type copper deposit in this mining district has been explored in 2013.

The mine contains more than one million tons of proved reserve with an average grade of 0/4 percent, and its main minerals include Malachite and Chalcopyrite. The other valuable associate minerals include gold and silver.

In the first phase, copper concentration plant was built on the area of 30000 m<sup>2</sup> adjacent to the mine which has an input capacity of 500 tons sulfide copper ore per day with an output grade of 25 to 32 percent. Daily production will be increased to 2000 tons in the next phases.







## Introduction

Azerbaijan Iron / Titanium Processing Industries has started its activities in northwest part of the country since 2015. This company is involved in Mining as well as iron-titanium mineral processing. The company is one of the most capable private sector producing iron and titanium in the country.

## Goals / Activities

### The goals of company are as follows:

- 1- Exploitation of all Mineral districts belonging to the company.
- 2- Production, processing and providing part of the county's needs for these minerals and in excess of that for export.
- 3- Optimization of extraction and processing methods of iron ore and titanium.
- 4- Launching a processing plant in order to produce sponge iron.
- 5- Development of iron ore and titanium mines in the northwest part of the country.

### Other activities:

- 1- Extracting, exploiting and processing of iron and titanium mines.
- 2- Providing research services on iron ore, titanium and its processing for others.
- 3- Engineering services, joint venture with Individuals and legal entities and banks - domestic and foreign credit institutions- in other companies, mining projects for the exploiting, extracting and processing of iron ore and titanium.
- 4- Signing a contract for the provision of technical and engineering services, exploitation of iron ore and titanium mines and Mineral processing.
- 5- Commercial operations such as buying, selling, exporting and importing iron ore and Titanium.

## Introducing the mines of this company

The mines of this company are as follows:

### 1- Avan iron ore mine

This mine is located in East Azarbaijan province. The type of iron ore is magnetite, which is currently being mined.

$\text{Fe}_2\text{O}_3$	$\text{FeO}$	$\text{TiO}_2$	$\text{SiO}_2$	$\text{P}_2\text{OS}$	$\text{SO}_3$	Grading	Humidity
65-75	14<	<0.5	6-15	<0.1	<0.2	0-10	<10



## Introducing the mines of this company

### 2- Moil Iron Ore Mine

Moil iron mine is located in Ardabil province, 17 km southeast of Meshkinshahr city.

$\text{Fe}_2\text{O}_3$	FeO	$\text{TiO}_2$	$\text{SiO}_2$	$\text{P}_2\text{OS}$	$\text{SO}_3$	Grading	Humidity
60-80	---	<0.5	10-15	0.5-2	1-3	0-10	<10



## Introducing the mines of this company

### 3- Eskandian iron and titanium mine

This mine contains magnetite, ilmenite and titanium- magnetite.

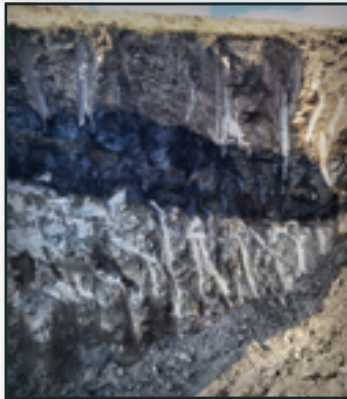
$\text{Fe}_2\text{O}_3$	FeO	$\text{TiO}_2$	$\text{SiO}_2$	$\text{P}_2\text{OS}$	$\text{SO}_3$	Grading	Humidity
35-40	15-20	%7-20	10-15	---	0.04	0-10	<10





صنایع زغال سنگ سهند آذران  
SAHAND AZARAN COAL INDUSTRIES Co.

SAHAND AZARAN COAL INDUSTRIES Co.



## Introduction

Sahand Azaran Coal Company, one of the youngest coal producer in the country, is established in 2020. This company is acting in the field of exploiting and manufacturing of coke and thermal coal used in various industries. This company has stepped forward regarding sustainable development, environmental protection and safety provision of all workers by employing experts and experienced personnel.



## Goals / Activities

### Goals and Vision of the Company:

- 1- Exploitation of all mines and districts owned by company
- 2- Producing, processing and exporting of coal
- 3- Research and scientific development of coal exploitation
- 4- Development of coal mines in the north-west part of country

### Some activities of the company are as followings:

- 1- Excavation and exploitation of coal mines
- 2- Performing of research services on coal and its processing
- 3- Carrying out of engineering services, participation and investment with individuals and legal entities, banks and domestic/foreign credit institutes at the other companies and also mining plans.
- 4- Signing contract with contractors for engineering and technical services, exploiting and processing of coal mines
- 5- Implementation of commercial activities such as purchasing, selling, exporting and importing of coal

## Mines owned by this company

**This company's mines are as below:**

### 1- Minbash Hesar Coal Mine

This mine is located in East Azerbaijan province, south-east of the city of Maraghe. Access road for the mine is an asphalt road of Miyandoab-Baroogh-Nader Goli village-Ali Baghi village with the length of 46 kilometers and then 7 kilometers of dirt road till the mine. The type of coal in the coal type in this mine is thermal coal with the following analysis:

Ash	Volatile matter	Plastometer	Fix Carbon	Sulfur	Thermal value
<%20	21.1	0	61.6	0.8	7150

- Presently, this mine is under exploitation and preparation

### 2- Goidaragh Coal Mine

This mine is located in east Azerbaijan province, 17-kilometer of south-east of Maragheh city. Access road for this mine is through Varjovi village. After moving of five kilometers to south of Maragheh city, you will reach to the Varjovi town and then after moving 10 kilometers from Varjovi you will reach to Amir and finally after two kilometers you will reach the mine. The type of coal in this mine is thermal coal that its analysis is as below table:

Ash	Volatile matter	Plastometer	Fix Carbon	Sulfur	Thermal value
<%20	21	0	69	3.3	7200

- Presently this mine is under mobilization and preparation stage.

### 3- Amir Coal Mine

- Presently this mine is in initial exploration stage.

### 4- Ghozloo Coal Mine

- Presently this mine is in initial exploration stage.





## SAHAND AZARAN LIME INDUSTRIES Co.



### Introduction

Sahand Azaran Lime Industries was established in 2020 by the efforts of Kowsar Steel Investment Company.

The main purpose of establishing Sahand Azaran Lime Industries is to process non-metallic minerals to produce value added products to supply the needs of the steel and pharmaceutical- sanitary industries (which are currently provided through imports).

Foolad Gostar Kowsar Investment Company is ready to invest in this field by acquiring Buket limestone mine located in Qaleh Chay vicinity of Ajabshir city. Extensive studies were conducted and 13 hectares land allocated in Saeb Ajabshir Steel Site for his purpose.

For this purpose. Gonbad limestone mine with mineral processing potential and Khalifeh Kandy Dolomite Mine in Maragheh are also owned by the company and are about to be exploited as the main loan sources for this project.

## **Specifications of processing plant for production of calcined lime, hydrated lime and sediment lime: The project is designed in three phases**

### **➤ phase One**

A. Furnace 120 tons per day for calcined lime.

B - Creating a hydrated line

### **➤ phase Two**

Furnace 120 tons per day for calcined lime and dolomite.

### **➤ Phase Three**

Establishment of a sedimentary lime production line with a production capacity of 40,000 tons per year.

**With the creation and completion of all three phases of this project, it will be the largest private sector production plant in the Ajab Shir region.**

**It will create direct and indirect employment respectively for 80 and 650 people.**





**ADLI TEKIN ARIA TRADING Co.**



## **Introduction**

This company is one of the subsidiaries of Kowsar holding which has been established in 2020 with the aim of business and supplying raw materials as well as selling the products of Kowsar Holding.

Activity areas:

- 1- Supplying raw material to meet the needs of Holding Mineral export.
- 2- Dried fruit export and other foodstuffs
- 3- Import of mechanical part, wood and chemical materials
- 4- Active in financial markets

Due to broad range of products, and in order to meet customer needs, this company has established several offices and sale representatives in different cities and countries.

# KOWSAR INVESTMENT GROUP



Bashmaq Polymetal



Bashmaq Polymetal



## Foolad Gostar Kowsar Holding

In a Glance

Tikmeh Dash area



Tikmeh Dash area





Mines and exploratory area explored by company

Varzaghan Avan mine



Eskandian mine



Buket mine



Varzaghan Avan mine



Eskandian mine



Buket mine



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