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SIRJAN KARISTA INDUSTRIAL & MINING COMPANY



Sirjan Karista Industrial and Mining Company, with more than 17 years of executive experience in the field of mineral processing and exploration and extraction, is now able to supply metallic and non-metallic mineral raw materials and processed materials from them with standard quality and purity, in high tonnage, for factories and companies located in the countries of the region, by exploiting the richest mines in Iran.

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SKIM.Co

**Supplier of
metallic and
non-metallic minerals
and Processed materials**



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“SKIM Co”has exploited the richest mines in the region to supply the best metallic and non-metallic minerals, and the ability to supply high quantities with the best quality and in accordance with standards is the symbol of this company's work.

Chapter1: Metallic minerals and Processed materials

1.Magnetite



Granulated iron ore and concentrate

Element	SiO ₂	Al ₂ O ₃	BaO	CaO	Fet	K ₂ O	MgO	MnO	Na ₂ O	P ₂ O ₅	SO ₃	TiO ₂	LoI
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%
DI	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Scheme	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01
Sample Name													
1.00	5.13	1.06	1.45	4.62	55.13	0.13	0.30	2.21	0.33	<	0.88	0.05	5.10
2.00	16.65	0.47	0.10	2.42	51.90	0.18	3.12	1.56	0.07	<	3.97	0.07	1.07

Sirjan Magnetite analysis

Element	SiO ₂	Al ₂ O ₃	Fet	P	S	FeO	Moisture
Unit	%	%	%	%	%	%	%
Size	0-10	0-10	0-10	0-10	0-10	0-10	0-10
Sample							
Max	7.0	3.0	60	0.05	0.05	15.0	3.0
Rejection	8.0	4.0	57	0.1	0.1	—	5.0

Khaf area Magnetite analysis

Element	SiO ₂	Al ₂ O ₃	BaO	CaO	Fet	K ₂ O	MgO	MnO	Na ₂ O	P ₂ O ₅	SO ₃	TiO ₂	Loi
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%
DI	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Scheme	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01
Sample Name													
Product	1.65	0.49	0.01	0.02	66.33	0.18	3.12	2.21	0.33	<	3.97	0.05	5.10
Tailings	16.65	1.06	0.02	4.62	15.55	0.2	1.54	0.1	0.07	<	0.1	0.05	—

Concentrate analysis



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2.Hematite



Granulated Hematite ore

Element	SiO ₂	Al ₂ O ₃	FeO	Fe ₂ O ₃	Fet	K ₂ O	MgO	MnO	Na ₂ O	P ₂ O ₅	SO ₃	CaO	TiO ₂	Loi
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%
sample	3.41	0.35	0.17	82.37	57.99	0.045	0.17	n.d	0.065	n.d	0.25	2.01	0.11	10.59

Hematite ore analysis

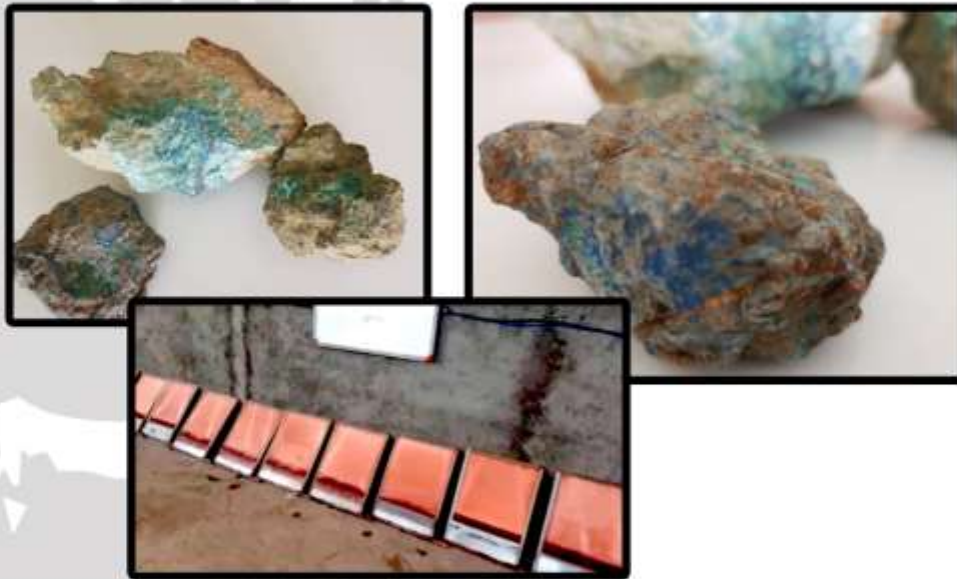


Hematite ore Mine



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3.Copper ore and Cathode



Copper Cathode & ore

Element	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	K	La	Li	Mg
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Product	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	99.98	0.007	<0.001	<0.001	<0.001	<0.001
Element	Na	Ni	P	Pb	Rb	S	Sb	Sc	Si	Sn	Sr	Th	Ti	U	V	W	Zn
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Product	0.014	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Copper cathode analysis



Copper Mine

Chapter2: Non-metallic minerals

1.Limestone



Limestone Mine

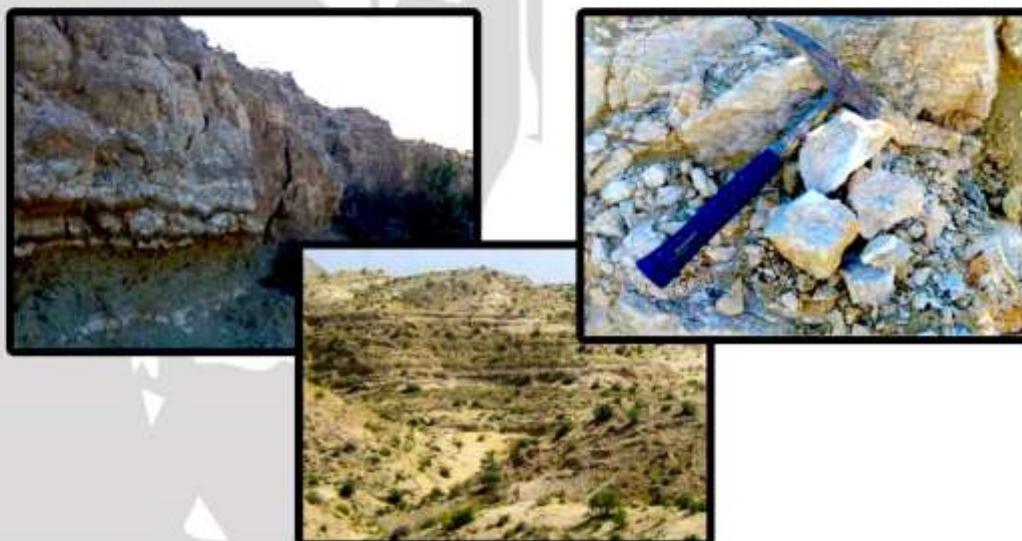
Element	SiO ₂	Al ₂ O ₃	BaO	CaO	Fe ₂ O ₃	K ₂ O	MgO	MnO	Na ₂ O	P ₂ O ₅	SO ₃	TiO ₂	Cr ₂ O ₃	Cu	Pb	Loi
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
DI	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Scheme	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01
Sample Name																
A2	0.32	0.09	<0.01	55.61	0.09	0.01	0.29	0.01	<0.01	0.01	<0.05	0.01	<0.01	<0.01	<0.01	5.10
B2	0.15	0.03	<0.01	55.86	0.06	0.01	0.28	0.01	0.02	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	1.07

Limestone analysis



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2.Gypsum



Gypsum Mine

Element	SiO ₂	Al ₂ O ₃	CaO	Fe ₂ O ₃	K ₂ O	MgO	MnO	Na ₂ O	SO ₃	CW*	Purity of gypsum
Unit	%	%	%	%	%	%	%	%	%	%	%
DI	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Sample Name											
AS1	0.65	0.13	31.71	0.45	0.04	1.31	0.01	0.01	45.277	20.38	97.51
AS2	0.27	0.08	32.27	0.11	0.01	0.46	0.01	0.01	46.068	20.74	99.23
AS3	0.11	0.02	32.47	0.06	0.01	0.13	0.01	0.01	46.351	20.86	99.81
AS4	0.29	0.06	32.26	0.07	0.01	0.53	0.01	0.01	46.054	20.73	99.19
Reference(1)	0.06	0.01	32.30	0.01	0.01	0.04	0.001	0.02	46.33	20.85	High purity of gypsum
Reference(2)	0.16		33.94	0.12		0.47			45.18	19.33	High purity of gypsum
Reference(3)	1.9	0.63	35	0.28	0.13	-			41	20.4	High purity of gypsum
CW*:measured crystal water											

Gypsum analysis



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3.Feldspar



Feldspar Mine

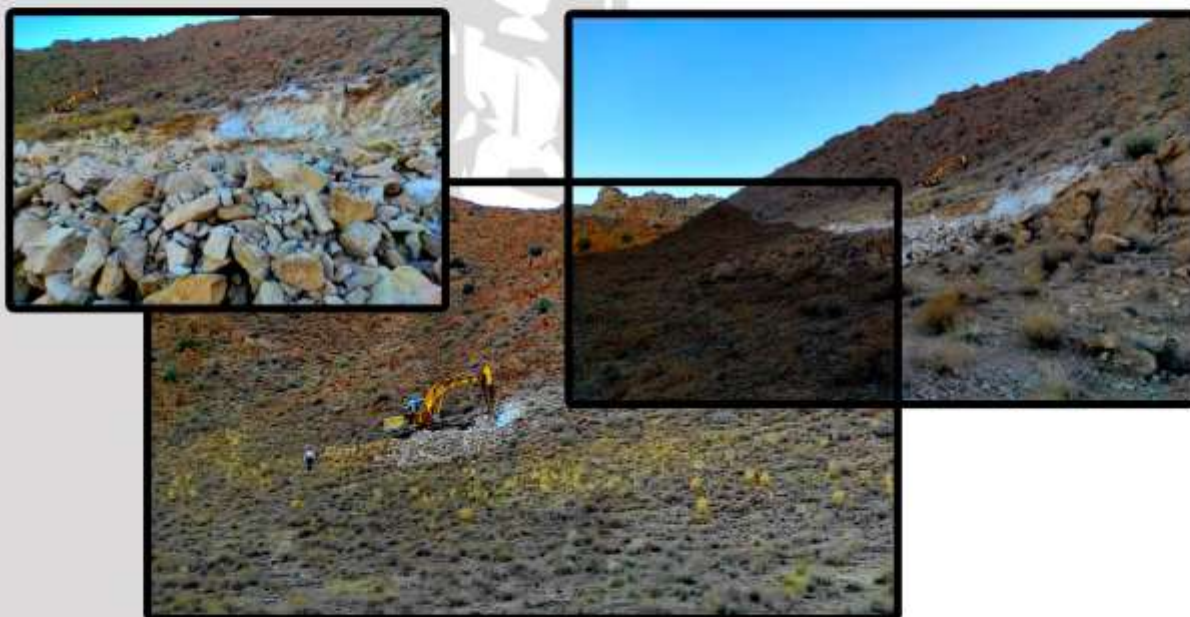
Element	SiO ₂	Al ₂ O ₃	BaO	CaO	Fe ₂ O ₃	K ₂ O	MgO	MnO	Na ₂ O	P ₂ O ₅	SO ₃	TiO ₂	Loi
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%
DI	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Scheme	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01
Sample Name													
A1	80.02	11.7	<0.01	0.48	0.54	0.19	0.11	0.01	6.46	0.03	0.07	0.06	0.33
A2	80.93	11.46	<0.01	0.17	0.46	0.08	0.16	<0.01	6.54	0.03	<0.05	0.07	0.05

Feldspar analysis



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4.Dolomite



Dolomite Mine

Element	SiO ₂	Al ₂ O ₃	BaO	CaO	Fe ₂ O ₃	K ₂ O	MgO	MnO	Na ₂ O	P ₂ O ₅	SO ₃	TiO ₂	Loi
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%
DI	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Scheme	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01
Sample Name													
A1	0.22	0.07	0.01	30.27	0.63	<0.01	21.4	0.07	<0.01	0.02	<0.05	<0.01	47.11
A2	0.26	0.03	0.01	30.34	1.07	<0.01	21.15	0.11	0.01	0.01	<0.05	<0.01	47.01

Dolomite analysis



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