



ATTRACTING INVESTMENT IN SUBSOIL USE OF THE REPUBLIC OF KAZAKHSTAN

Toronto , 2023

SUBSOIL USE OF SOLID MINERALS



LICENSES



in 2022.

- more than 1,000 applications reviewed and licenses were issued:
- 393 explored
- 15 fields are used for extraction



AVAILABLE FOR GEOLOGICAL EXPLORATION

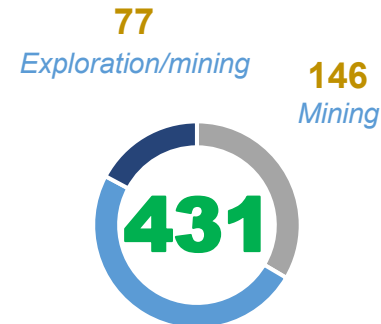


in 2022 660 thousand sq. km. explored in the scope of the program of state subsoil fund management. 53 fields are currently in use.

From 2018 to 2022 72582 sq km or 6% are licensed



CONTRACTS



208
Exploration

DEPOSITS TO ATTRACT INVESTORS

	DEPOSIT	NATURAL RESOURCES	RESERVES	RESERVES (\$ bill)
1	"WEST KARAZHAL"	iron-manganese ores	Mg - 349.3 million tons, Fe - 496.9 million tons, Ge- 3,103.6 tons.	120,9
2	"MASALSKY"	iron ores	Fe – 729,2 million tons	86
3	«SHALKIYA»	polymetals	Pb – 1633,2 thousand tons, Zn – 5441,9 thousand tons	11,3
4	«CHANG»	gold	Au – 65,5 kg	0,004
5	«ABAYIL»	iron ores	Fe – 28,3 million tons	3,3
6	«SHORSKOE»	copper-molybdenum ores	Mo – 12,4 thousand tons, Cu – 7,2 thousand tons, Ag – 13,2 tons	0,66
7	«KUSHMURUNSKOE»	lignite	2636,2 million tons	79
8	«TESIKTAS»	copper	Cu – 141,7 thousand tons	1,3
9	"NORTH KATPAR" and "UPPER KAYRAKTINSKY"	tungsten	W – 1438,6 thousand tons, Mo – 64,7 thousand tons, Cu – 245,2 thousand tons, Bi – 204,4 thousand tons.	6,9
10	«DALABAY»	gold, silver	Au – 1352,7 kg., Ag – 1207 tons	1
11	«TYMLAY»	iron, titanium, associated components of the ore field	Ti – 21,7 million tons, Fe – 226,1 million tons	74
12	«PUTINTSEVSKOYE»	polymetals	Cu – 13,6 thousand tons, Au – 388 kg., Ag – 17,5 tons, Pb – 17,5 thousand tons, Zn – 25,5 thousand tons.	0,17
13	«MYALY»	solid mineral waste	Au – 849 kg	0,05
14	«MAIKUDUK»	coal	1155 thousand tons	0,05

LIST OF NECESSARY NICHE PLANTS FOR DEVELOPMENT IN KAZAKHSTAN

Current exports

Iron ore

12,5

million tons per year



ALUMINA

830

thousand tons per year



COPPER
CONCENTRATE

1

million tons per year



LEAD

84

thousand tons per year



Plants for construction:

STEEL PLANT

ELECTROLYSIS PLANT

COPPER PLANT

**PRODUCTION PLANTS FOR
FINISHED LEAD PRODUCTS**

DEPOSITS OF SOLID MINERALS PUT UP FOR AUCTION



Auction Date - **May 26, 2023**

25

DEPOSITS

GOLD, SILVER,
PHOSPHORITE,
QUARTZITE, BARITE,
COAL, WOLLASTONITE,
BAUXITE, TITANIUM,
ZIRCONIUM, BERYLLIUM

Eastern Kazakhstan -6
Kostanay -6
Karagandy.-4
Zhambyl.-3
Zhetisu-2

Aqmola-1
Turkistan. - 1
Ulytau-1
Ayrau-1

LIST OF DEPOSITS PUT UP FOR AUCTION

No	The name of the deposit	Type of a mineral	Deposits	Value (billions \$)
1	KUIBYSHEVSKOE	quartzite	476 thousand tons	0,056
2	NARKYSYL	barit	18,19 thousand tons	0,007
3	TIESAI	phosphorite	phosphorites - 5472 thousand tons	7
4	KAINAZAR	colored stones	14,7 tons	-
5	PRIOZERNOYE, UCH. CARIERNYI	Brown coal	341922 thousand tons	14,7
6	ZHANISPAY	coal	353739 thousand tons	15,2
7	VARVARINSKOE (PLOT 3)	bauxite	2000 thousand tons	0,6
8	TOBOLSKOE (PLOT 2)	titanium, zirconium	titanium - 407 thousand tons, zirconium - 47,4 thousand tons	0,99
9	SEVERNOYE (UCH. VOSTOCHNY)	bauxite	2049 thousand tons	0,83
10	SEVERNOYE (UCH. SEVERNY)	bauxite	150 thousand tons	0,036
11	BOGEMBAY	coal	161883 thousand tons	0,007
12	KENESBAI	gold, ore	pyđa - 21 thousand tons, gold - 145,3 kilogram	0,088
13	SULUSHOKY	gold, silver, ore	gold - 84 kilogram	0,026

LIST OF DEPOSITS PUT UP FOR AUCTION

No	The name of the deposit	Type of a mineral	Deposits	Value (billions \$)
14	BOSAGA	<i>wollastonite</i>	5127 thousand tons	1,6
15	SURPRIZ	<i>wollastonite</i>	755,3 thousand tons	1
16	DEPOSIT 108	<i>boron ores</i>	35,3 thousand tons	0,176
17	USHBULAK	<i>acбecm</i>	6,7 thousand tons	0,0024
18	TURSUN-TORE	<i>gold</i>	342 kilogram	0,003
19	TASTY-BIEN	<i>gold</i>	187 kilogram	0,031
20	ZHEDESY	<i>gold</i>	72,04 kilogram	0,004
21	KHAIRYUZOVSKOYE (OSTANETS 3, OSTANETS 2, OSTANETS 5)	<i>wollastonite</i>	983 thousand tons	0,325
22	KENDYRLYKSKOYE, KARAUNGUR SECTION	<i>coal</i>	4 927 thousand tons	0,519
23	KENDYRLYKSKOYE, COAL FIELD	<i>coal</i>	10 043 thousand tons	0,432
24	BELOGORSKOE	<i>rare metals</i>	<i>beryllium-1 358 tons; tin-617 tons; tantalum – 243 tons, niobium – 224 tons</i>	2
25	KENDYRLYKSKOE, 1ST FIELD	<i>coal</i>	11 281 thousand tons	0,485

COOPERATION CONTACTS



**Ministry of Industry and Infrastructural Development of the Republic of Kazakhstan,
Department of Subsoil Use for Solid Minerals,
Head of the Administration for Granting Subsoil Use Rights
Aldongarov Bakhytzhana**

 +7 701 999 13 82

 b.aldongarov@miid.gov.kz



**Ministry of Industry and Infrastructural Development of the Republic of Kazakhstan,
Department of Subsoil Use for Solid Minerals,
Expert of the Administration for Granting Subsoil Use Rights
Tagaybek Narman**

 +7 778 101 53 54

 na.tagaibek@miid.gov.kz

It is possible to obtain **geological information** on the deposits for auction on a paid basis
in JSC "National Geological Service"



**JSC "National Geological Survey"
Director of the Department
Abishev Nurlan**

 +7 777 999 2075

 n.abyshev@geology.kz



Teasers in English



Teasers in Russian

Rare Earth Concentrates

CONCENTRATE	LICENSES & CONTRACTS	DEPOSITS	TOTAL DEPOSITS
 Lithium	3 licenses	4	46
 Wolframium	13 contracts	8	2 185
 Molybdenum	31 contracts	1	1 080
 Tantalum	4 contracts	13	4,5
 Niobium	5 contracts	9	28
 Niccolum	7 contracts	29	1 909
 Cobaltum	19 contracts	28	198

SCOPE OF APPLICATION



Batteries and rechargeable batteries



Microcircuits



Solar power



Lasers



Sensors



Aerospace industry

A UNIFIED PLATFORM OF SUBSOIL USERS WWW.MINERALS.GOV.KZ

NOTICES

possibility of sending notifications to subsoil users

LICENSES for Exploration/Production of solid minerals
online application



INTERACTIVE MAP

contains up-to-date spatial data

ORDERING SATELLITE IMAGES

the possibility of obtaining satellite images

FEATURES TO BE ADDED

- Generating Reports
- Applying for licenses
- Transferring the right of subsoil use
- Amending the contracts
- Reissuing and revocating licenses

COOPERATION CONTACTS



**Ministry of Industry and Infrastructure Development of the Republic of Kazakhstan,
Director of the Department of Subsoil Use for Solid Minerals - Almas Kushumov**

 +7 775 550 02 30

 a.kushumov@miid.gov.kz



**Ministry of Industry and Infrastructure Development of the Republic of Kazakhstan,
Chairman of Geology Committee - Yerlan Akbarov**

 +7 701 799 54 57

 e.akbarov@miid.gov.kz



**JSC «National Geological Service»
Chairman of the Board - Zhanat Karibaev**

 +7 701 216 60 61

 zh.karybaev@geology.kz