



Embassy of the Republic of Kazakhstan in Canada

THE MINERAL RESOURCE BASE OF KAZAKHSTAN



January 23, 2023, Vancouver

THE CURRENT STATE OF THE MINERAL RESOURCE BASE OF KAZAKHSTAN

TOTAL MINERAL DEPOSITS

8720

HYDROCARBONS

326

SOLID MINERAL

910

COMMON MINERALS

3160

THE GROUNDWATER

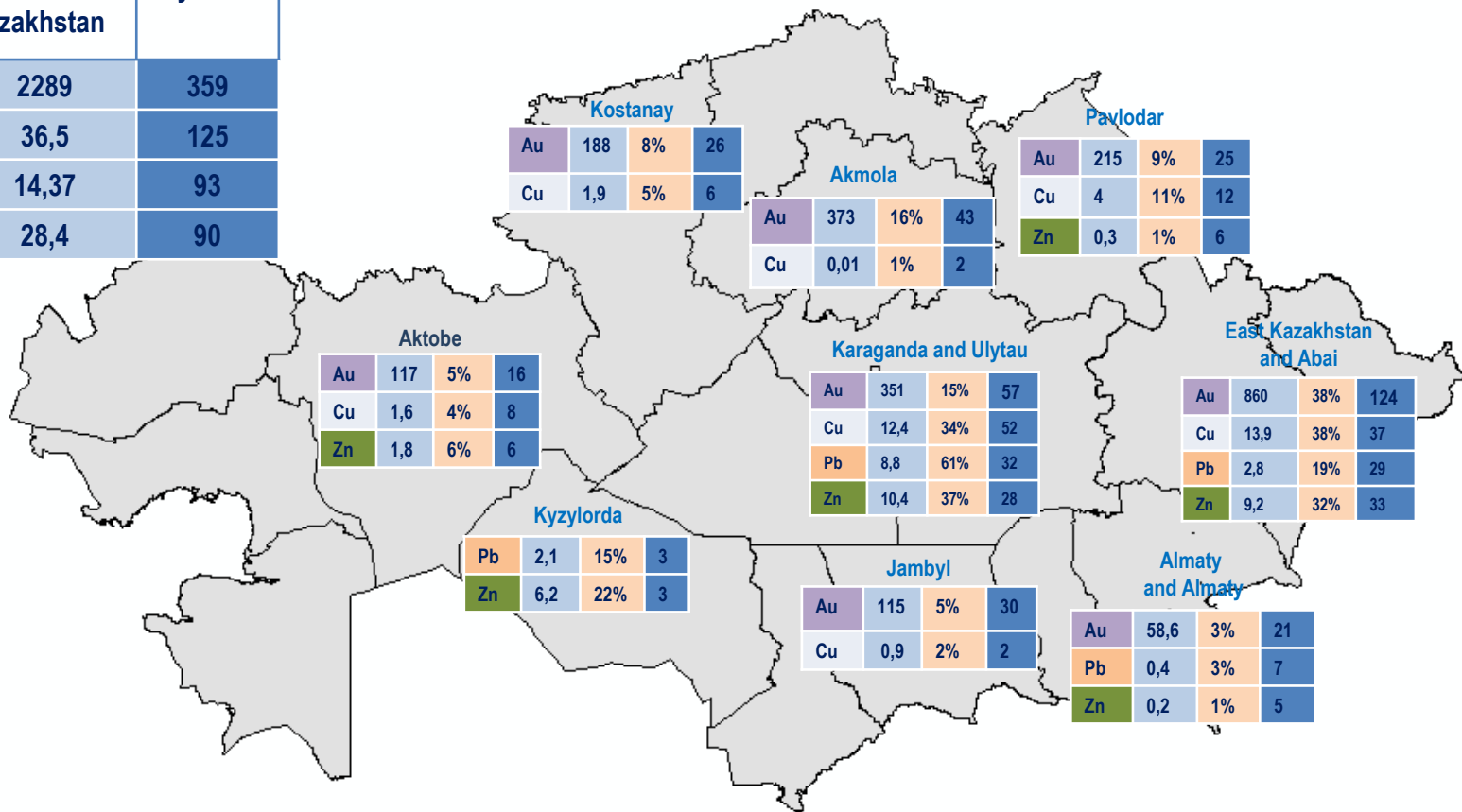
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The bowels of Kazakhstan are its wealth and one of the main sources of socio-economic development of the country and store more than 90 types of minerals. Kazakhstan has a unique mineral resource base.

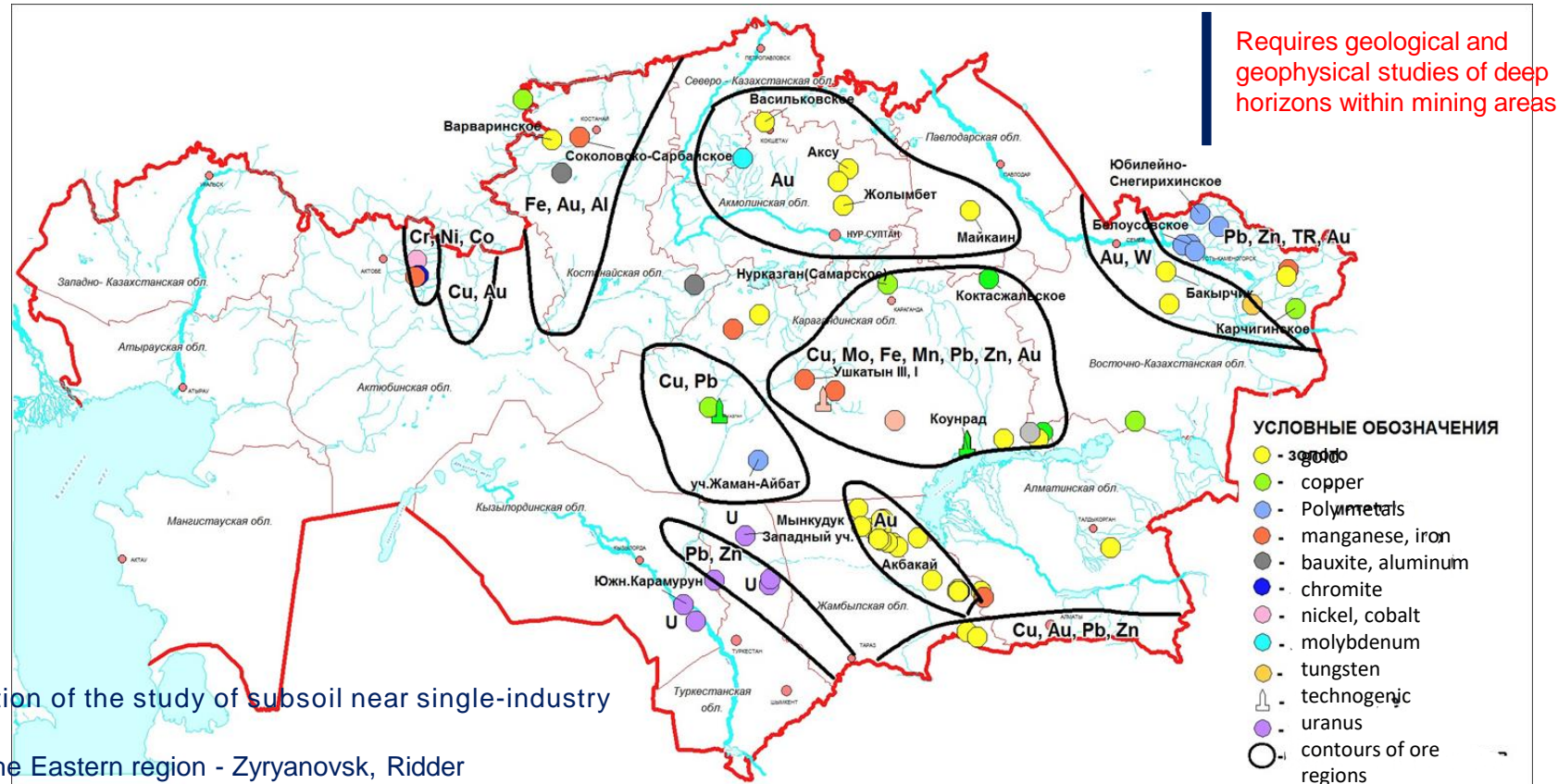
In Kazakhstan, the state balance includes more than 6,000 deposits of all types of minerals, most of them, and in particular for the main, priority types (hydrocarbons, coal, uranium, gold, copper, poly metals, nickel, cobalt, bauxites, chromite, iron, manganese, etc.) is developed on a contract basis.

Distribution of reserves of the main types of solid minerals by regions of the Republic of Kazakhstan

Mineral resources	Reserves in Kazakhstan	Qty
Au, tons	2289	359
Cu, MM. kzt	36,5	125
Pb, MM, tons	14,37	93
Zn, MM, kzt	28,4	90



Promising mining areas for solid minerals



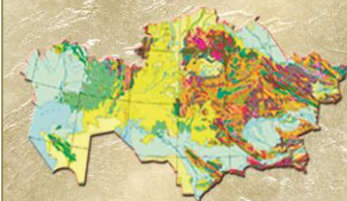
Activation of the study of subsoil near single-industry town :

- In the Eastern region - Zyryanovsk, Ridder
- In Central Kazakhstan – Zhezkazgan, Satpaev
- In the Northern region – Arkalyk, Rudny, Lisakovsk

Legislation and policy documents

**Code of the Republic of Kazakhstan
"On Subsoil and Subsoil Use"**

Program for the management of the state subsoil fund



**National project
"Sustainable economic growth aimed at to improve the well-being of the people of Kazakhstan" for 2021-2025**

Direction: "Development of the geological industry"



The concept of development of the geological industry of the Republic of Kazakhstan for 2023-2027

THE MAIN DIRECTIONS OF THE ATLAS:

1 STATE OF MINERAL RESOURCES

2 PATTERNS OF PLACEMENT OF DEPOSITS OF SOLID MINERALS

3 CRITERIA FOR SEARCH AND FORECASTING

4 RECOMMENDATIONS FOR REPLENISHMENT OF MINERAL RESOURCES



**THE DEVELOPED ATLAS OF SOLID MINERALS WILL BE
GUIDE FOR GEOLOGISTS AND INVESTORS**



Goals

Automation of processes in the field of subsoil use, obtaining licenses for exploration, extraction of solid minerals, provision of geological reports online

Current Situation:

- ✓ 30,000 geological reports available online
- ✓ Sending notifications to subsoil users
- ✓ Issuance of licenses for exploration and production of solid minerals (two public services)
- ✓ Map of exploration and adjacent infrastructure
- ✓ Map of territories restricted for subsoil use

Planned:

Commissioning – May 2023

Acceptance of reports from subsoil users

Automation of business processes in the field of geology

Declassification of geological information

Effect



Servicing subsoil users and their interaction with government agencies from one window

THE MAIN TASKS OF THE NGS

**National
Geological Survey**

1

COLLECTION, STORAGE, GENERALIZATION, SYSTEMATIZATION AND ANALYSIS OF GEOLOGICAL INFORMATION TOGETHER WITH SCIENTIFIC INSTITUTIONS OF THE REPUBLIC OF KAZAKHSTAN IN THE FIELD OF GEOLOGY;

2

PROVIDING OPEN ACCESS TO GEOLOGICAL INFORMATION;

3

OPERATION OF THE INFORMATION SYSTEM;

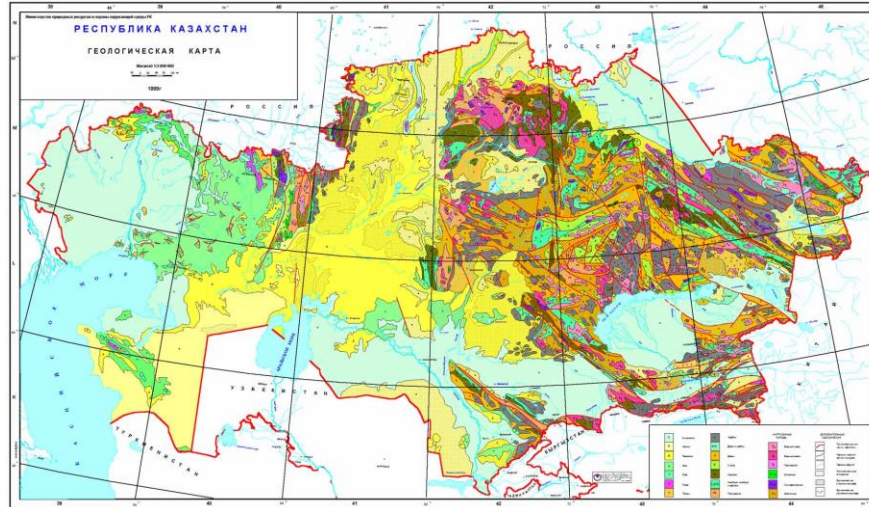
4

PROVIDING COMPREHENSIVE AND SERVICE SUPPORT TO INVESTORS.

5

IDENTIFICATION OF SITES FOR FURTHER STUDY AND FORMATION OF A POOL OF PROMISING PROJECTS

KAZAKHSTAN IS OPEN FOR INVESTORS



THANK YOU FOR ATTENTION