



**MINISTRY OF MINING
AND HEAVY INDUSTRY**

MINERALS POTENTIAL OF MONGOLIA

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GEOLOGICAL POLICY
DEPARTMENT**

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MINERALS SECTOR TO THE MONGOLIAN ECONOMY /2022/

THE NEW RECOVERY POLICY aims to encourage Mongolia's post-pandemic recovery by opening up the country to domestic and foreign investment.



23%

GROSS DOMESTIC PRODUCT*



94%

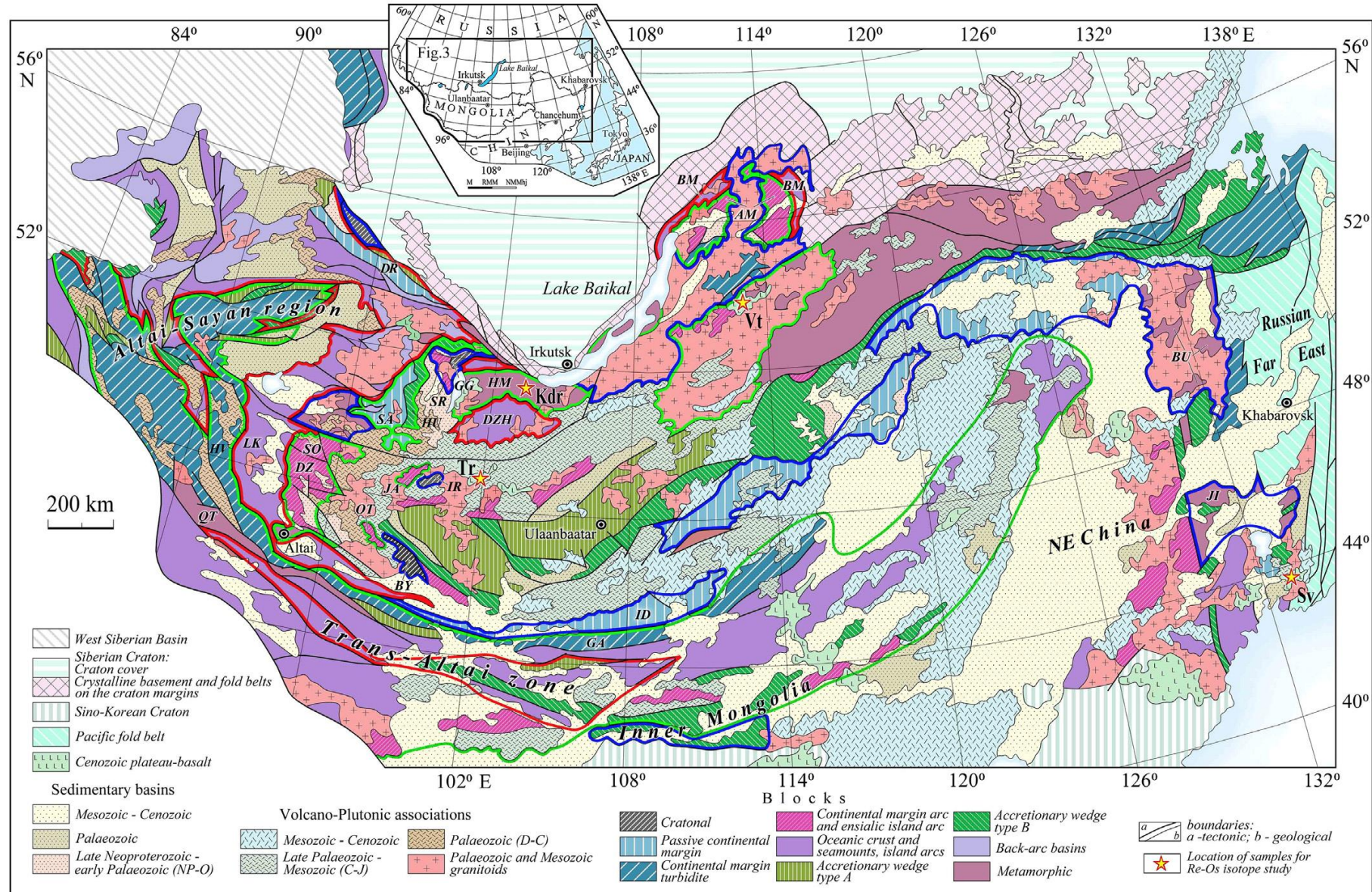
EXPORT REVENUE



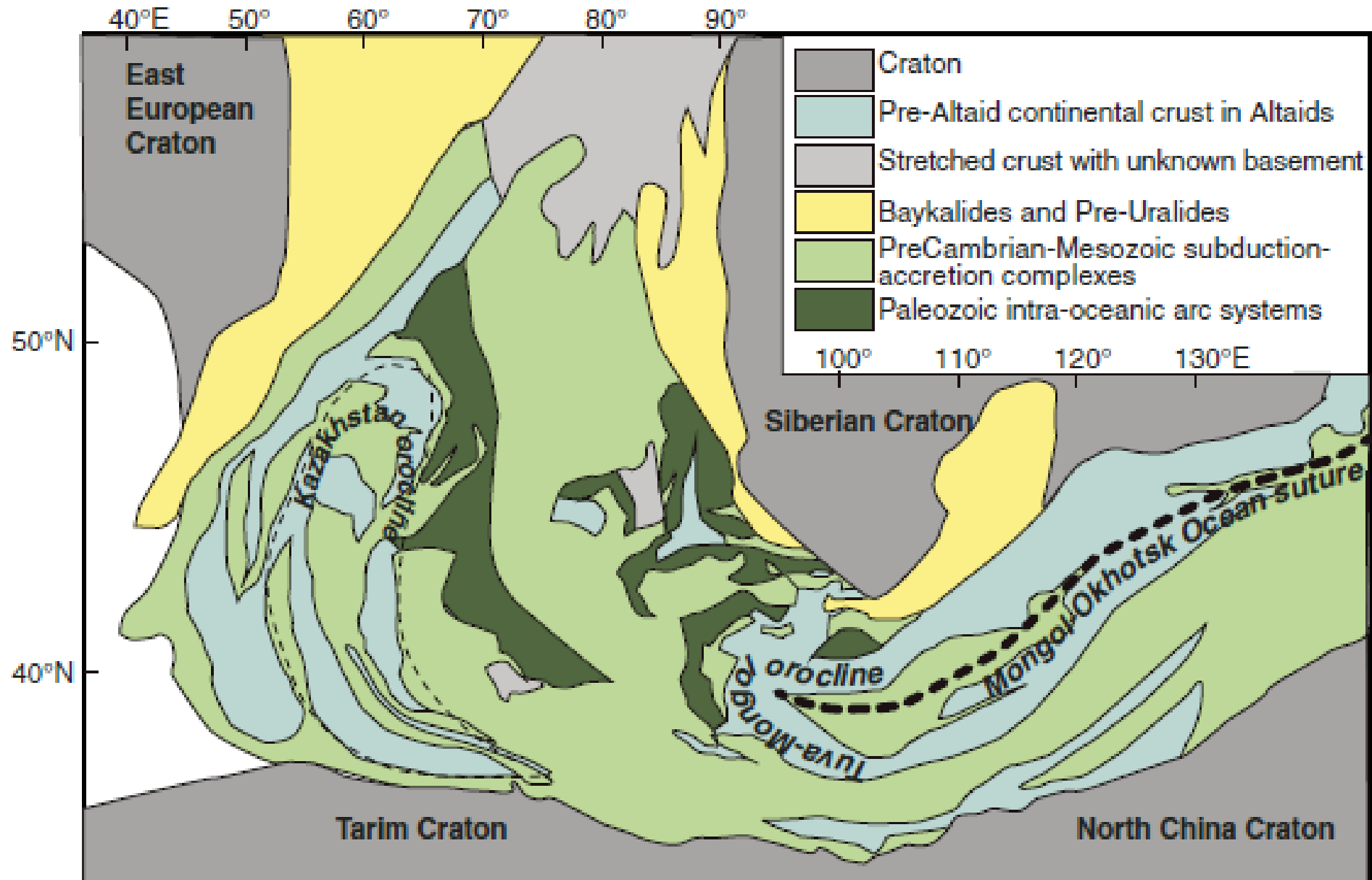
68%

FOREIGN DIRECT INVESTMENT*

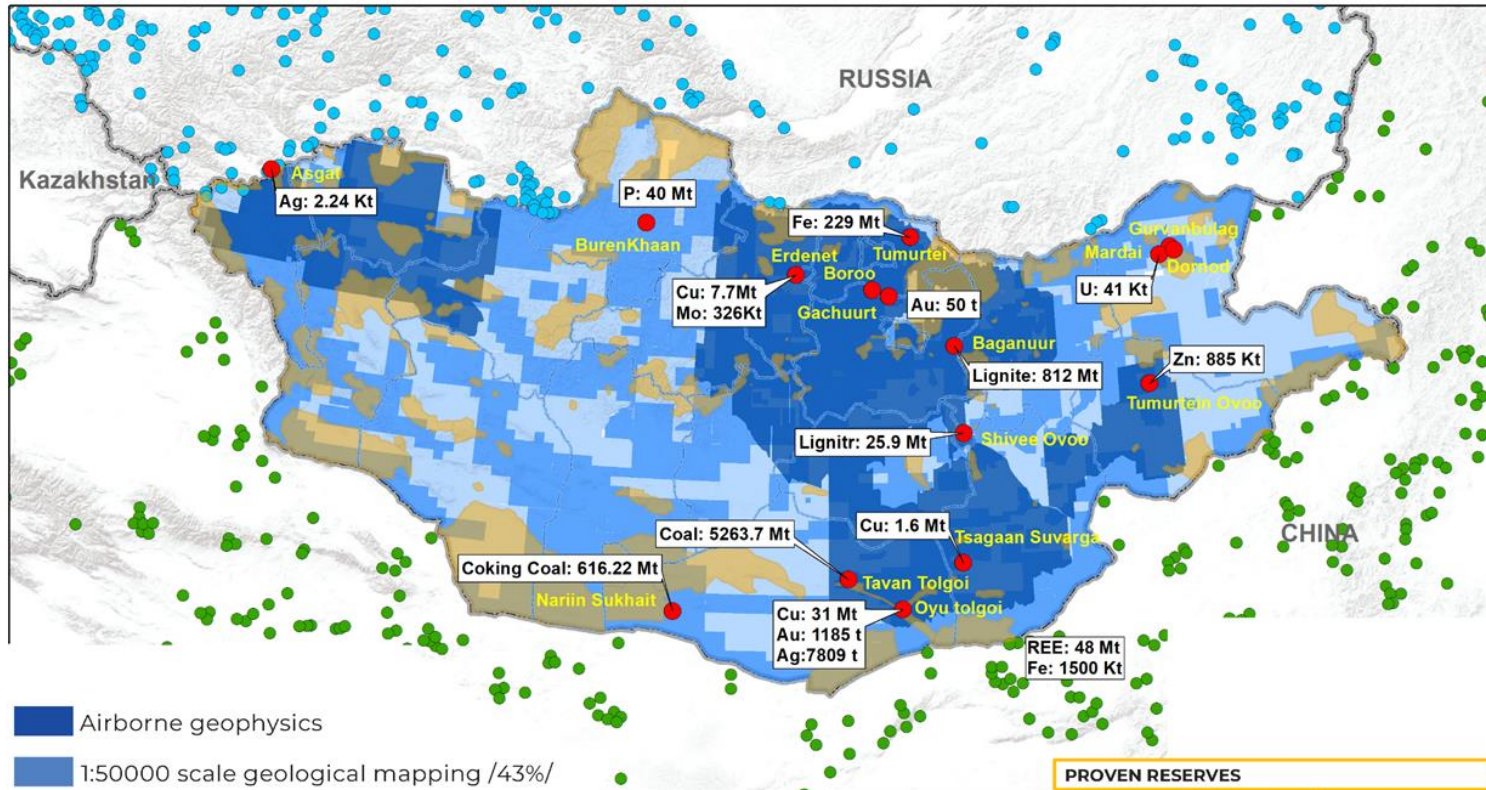
CENTRAL ASIAN OROGENIC BELT



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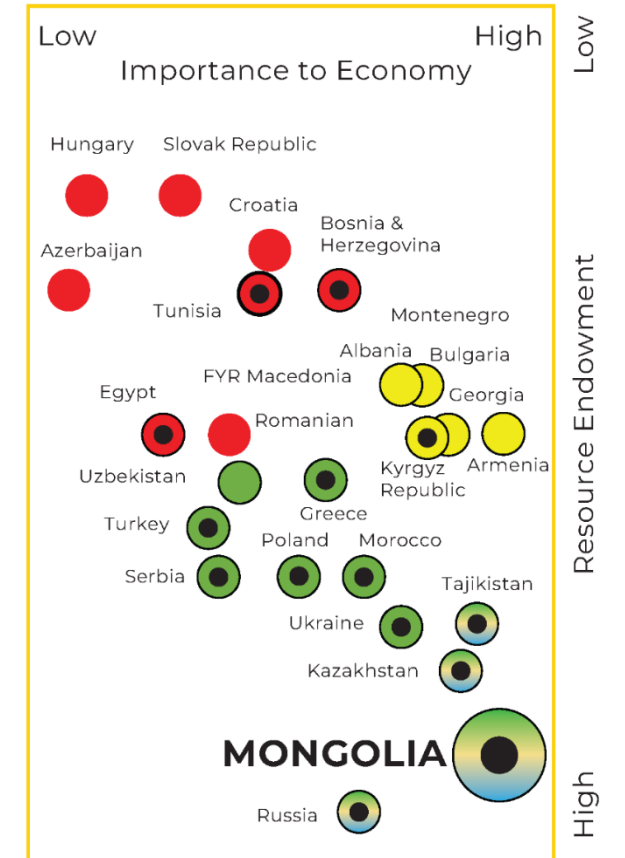


MINERALS POTENTIAL OF MONGOLIA



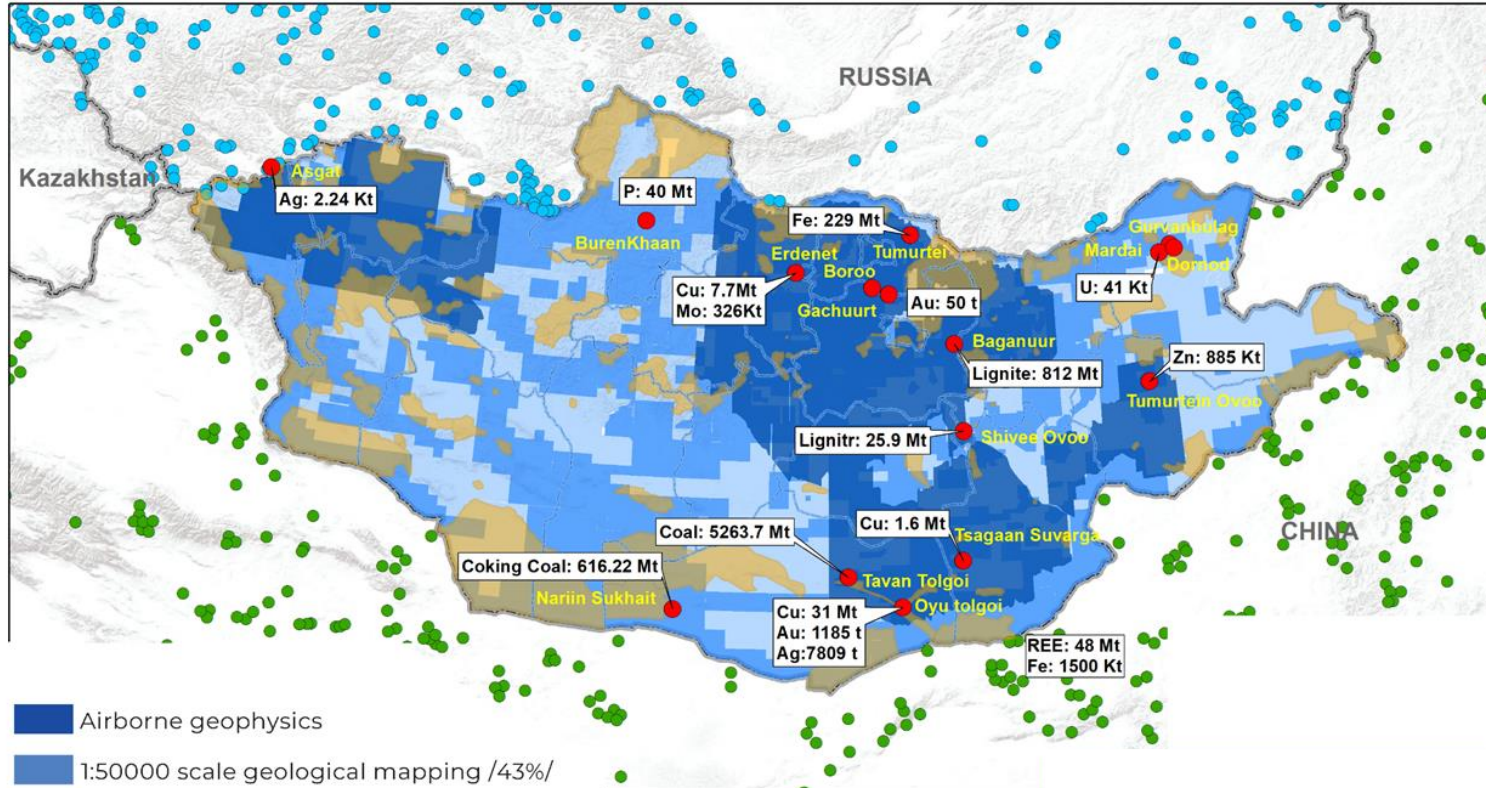
- Airborne geophysics
- 1:50000 scale geological mapping /43%/
- 1:200 000 scale geological mapping
- State protected area
- Strategic deposits
- Deposits of Russia
Atlas of geological maps of central asia and adjacent areas (2007)
- Gold and copper deposits of China
Atlas of Mineral Deposits Distribution in China (2020)

PROVEN RESERVES		
Minerals	Unit	Proven reserves
Copper	million tn	61.4
Coal	billion tn	33.2
Iron ore	billion tn	1.84
Gold	tn	499.5
Zinc	million tn	4.4
Fluorspar	million tn	34.2
Uranium	thousand tn	192.2
Crude oil	million tn	332.6



- High risk reliance on mining
- Long-term mining business potential
- Low to medium mining business potential
- Presence of leading international mining companies

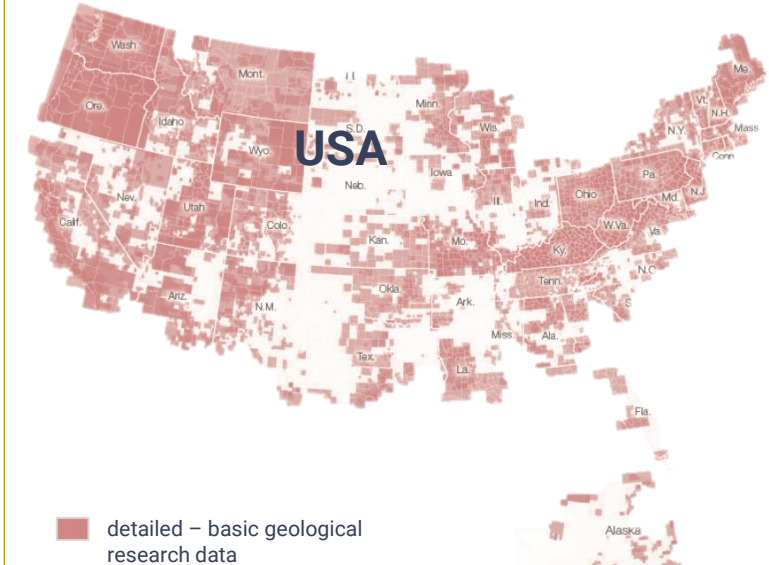
MINERALS POTENTIAL OF MONGOLIA



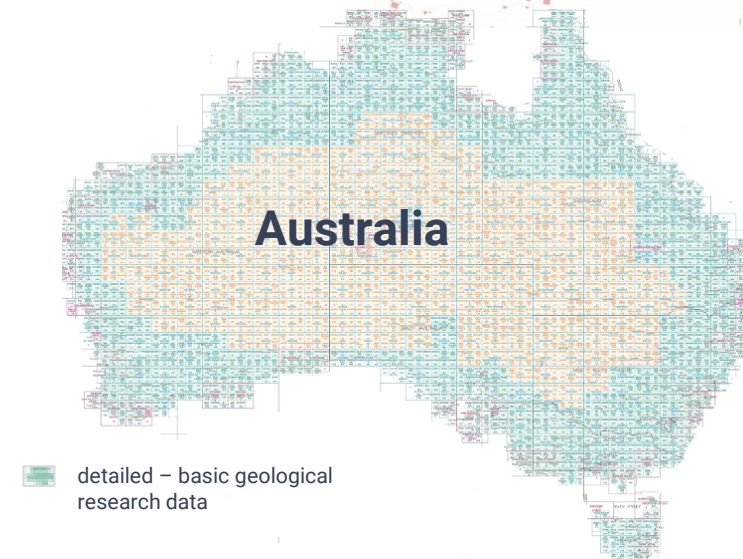
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Basic geological mapping – needs re-interpretation

Research data - Needs re-check with technological advancement



■ detailed – basic geological research data



■ detailed – basic geological research data

COPPER POTENTIAL

COPPER ORE RESOURCES, 2021

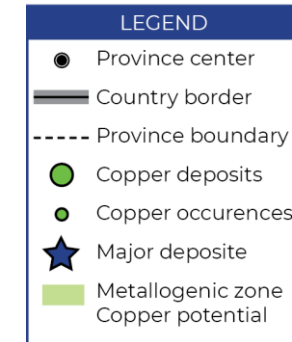
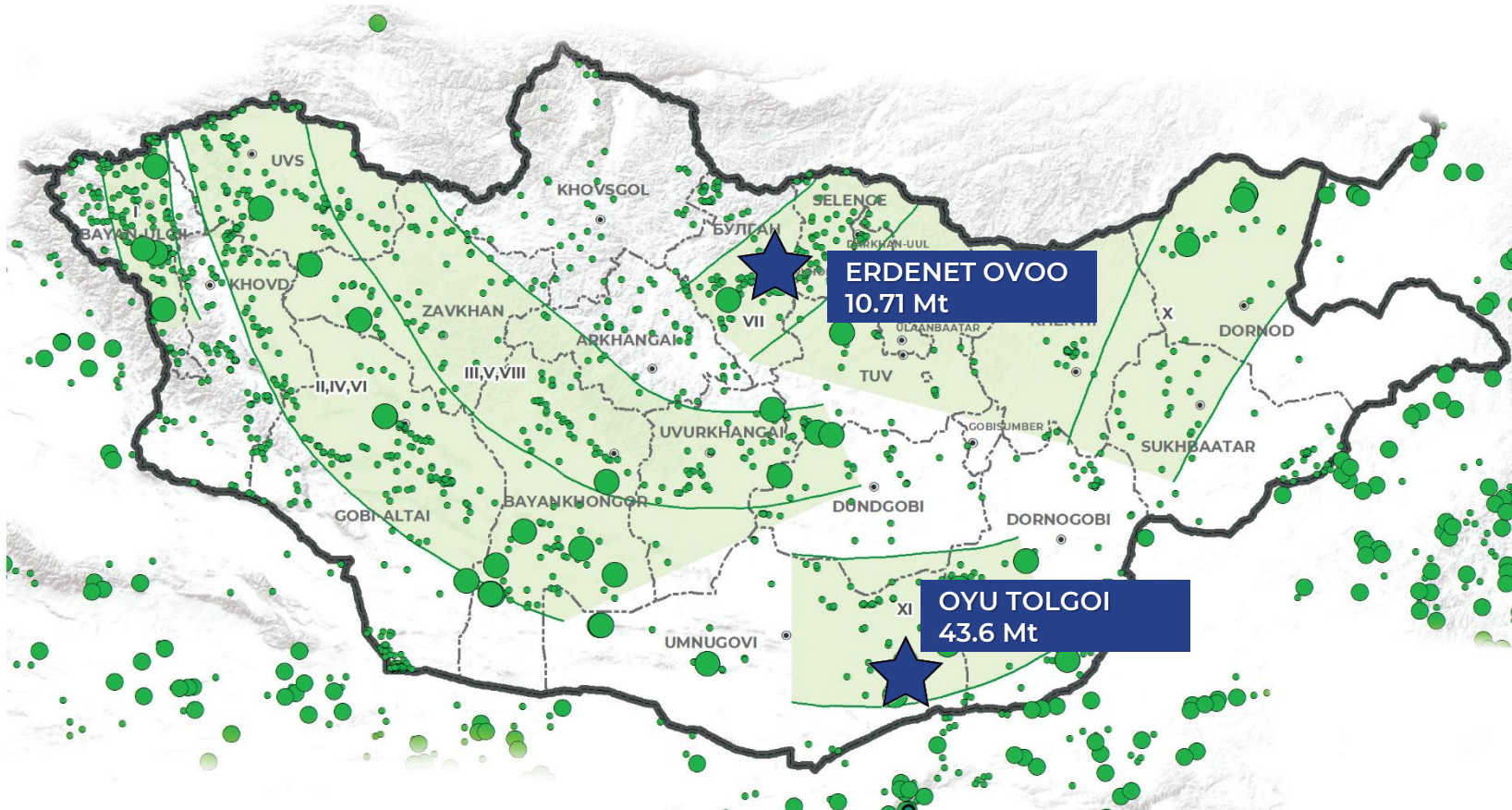


Source: United States Geological Survey (USGS)

COPPER PRODUCTION IN METAL, 2021



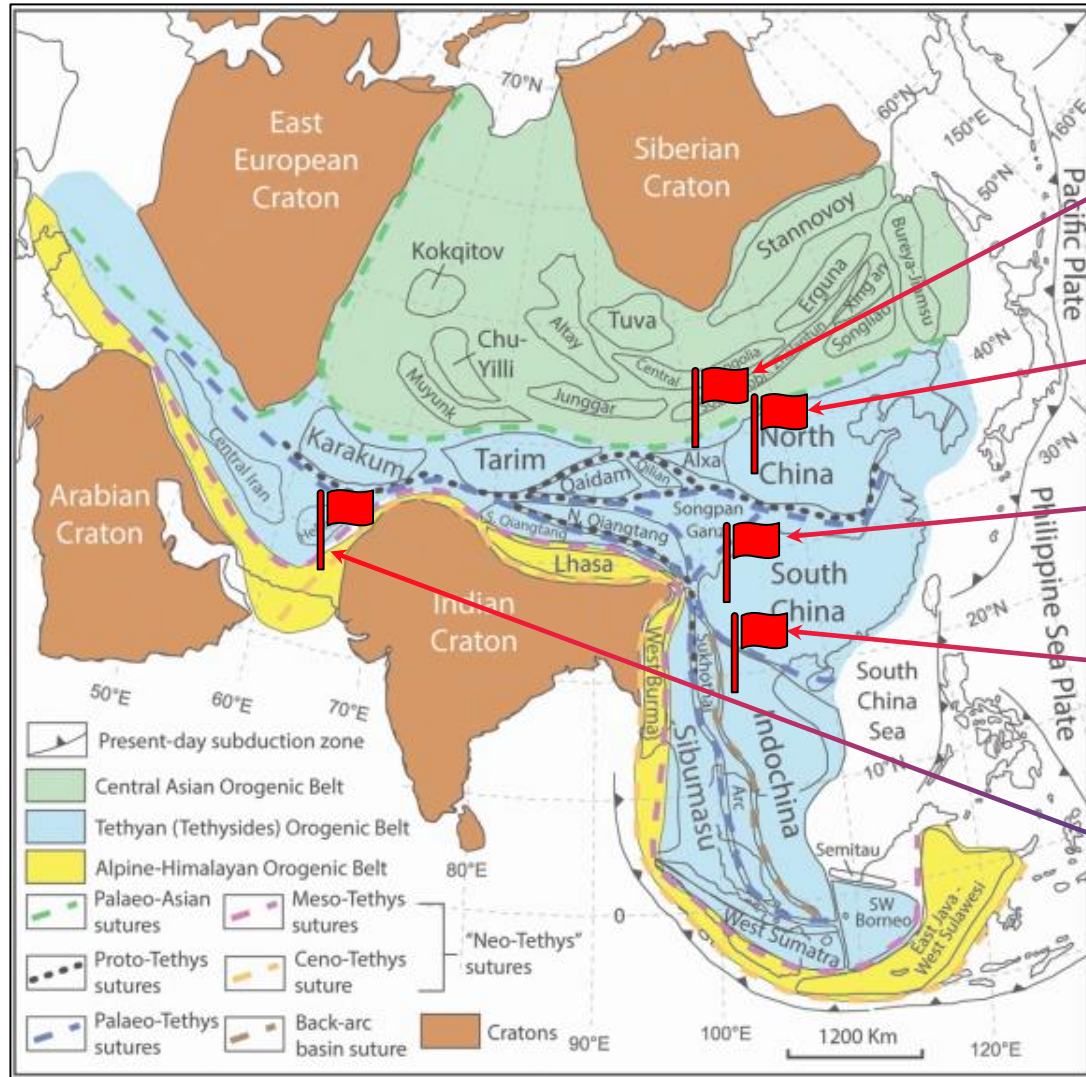
Source: United States Geological Survey (USGS)



As a result of the geological research conducted in Mongolia, more than 30 deposits and more than 200 occurrences were identified in 11 metallogenic zones. A total of 61.4 million tons of copper metal resources has been registered as of June 2022.

Source: National Geological Survey of Mongolia

REE ELEMENTS POTENTIAL IN ASIA



South Gobi REE deposits, Mongolia



Bayan Obo REE deposit, China
REE 48 Mt, Fe 1500 Kt



Mianning-Dechang Belt, China
> REOs 3.7 Mt



Nam Xe REE deposit, Vietnam
REOs 7.8 Mt

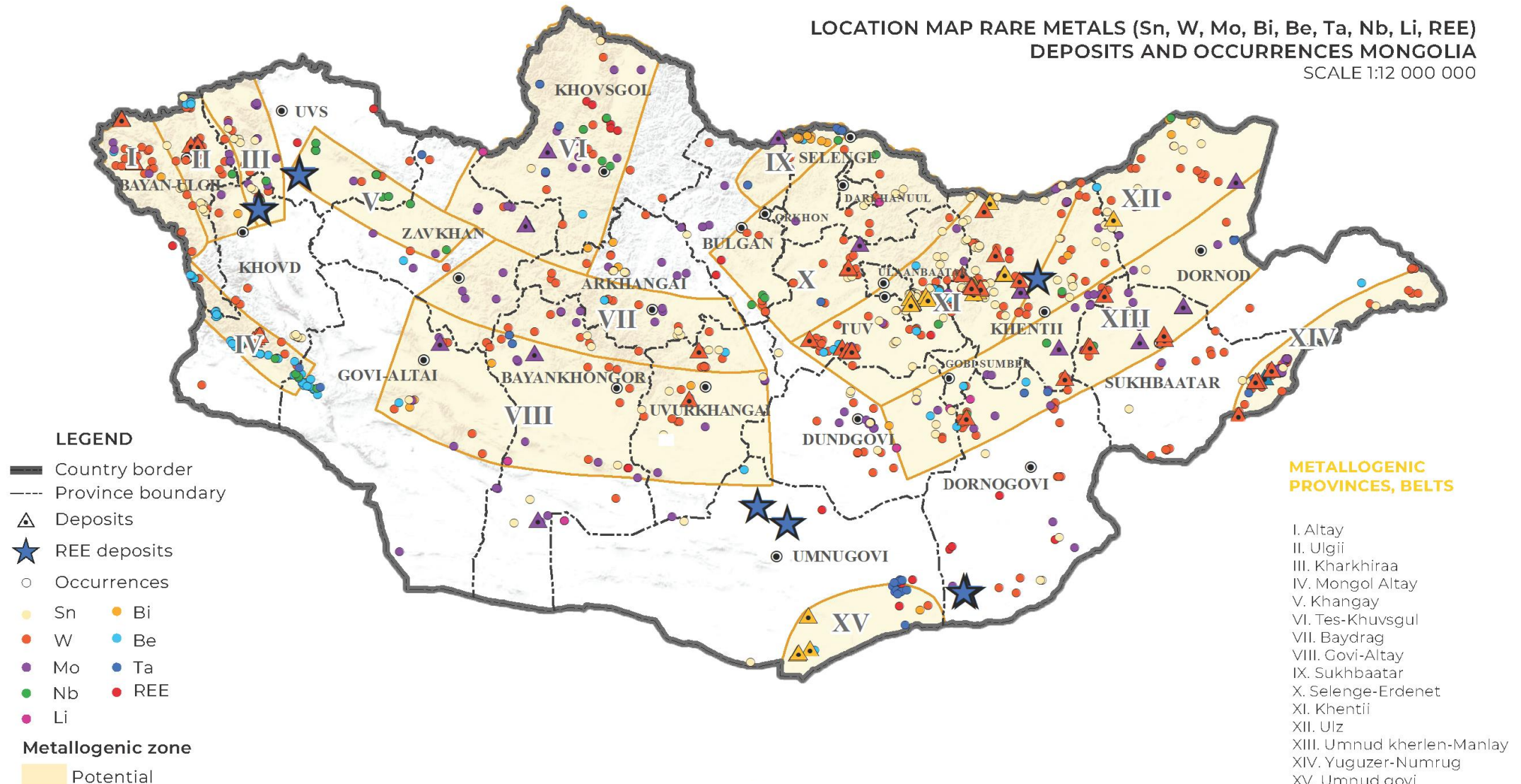


Khanneshin REE deposit, Afghanistan
REOs 1.29 Mt

HIGH TECH MINERALS POTENTIAL OF MONGOLIA

LOCATION MAP RARE METALS (Sn, W, Mo, Bi, Be, Ta, Nb, Li, REE)
DEPOSITS AND OCCURRENCES MONGOLIA

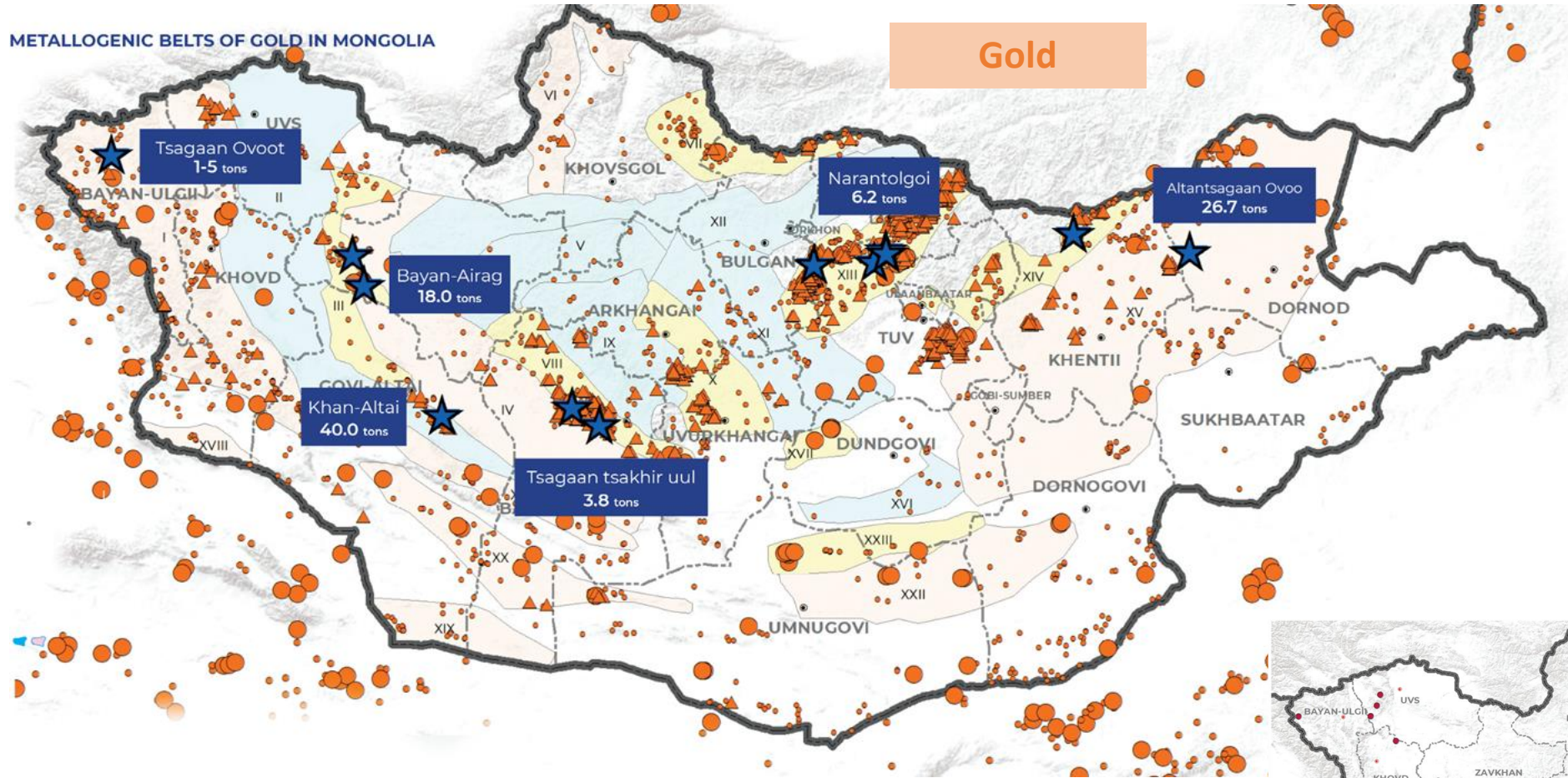
SCALE 1:12 000 000



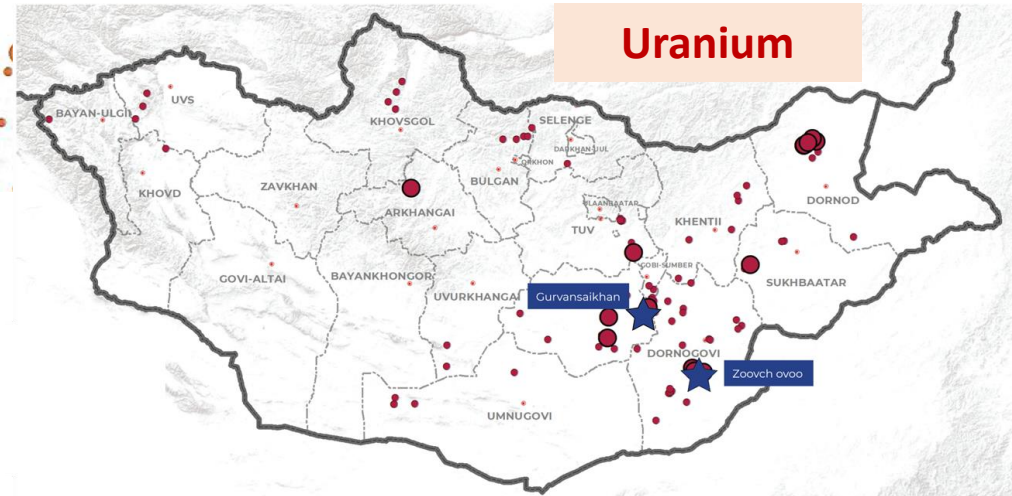
Source: National Geological Survey of Mongolia

GOLD AND URANIUM POTENTIAL

METALLOGENIC BELTS OF GOLD IN MONGOLIA



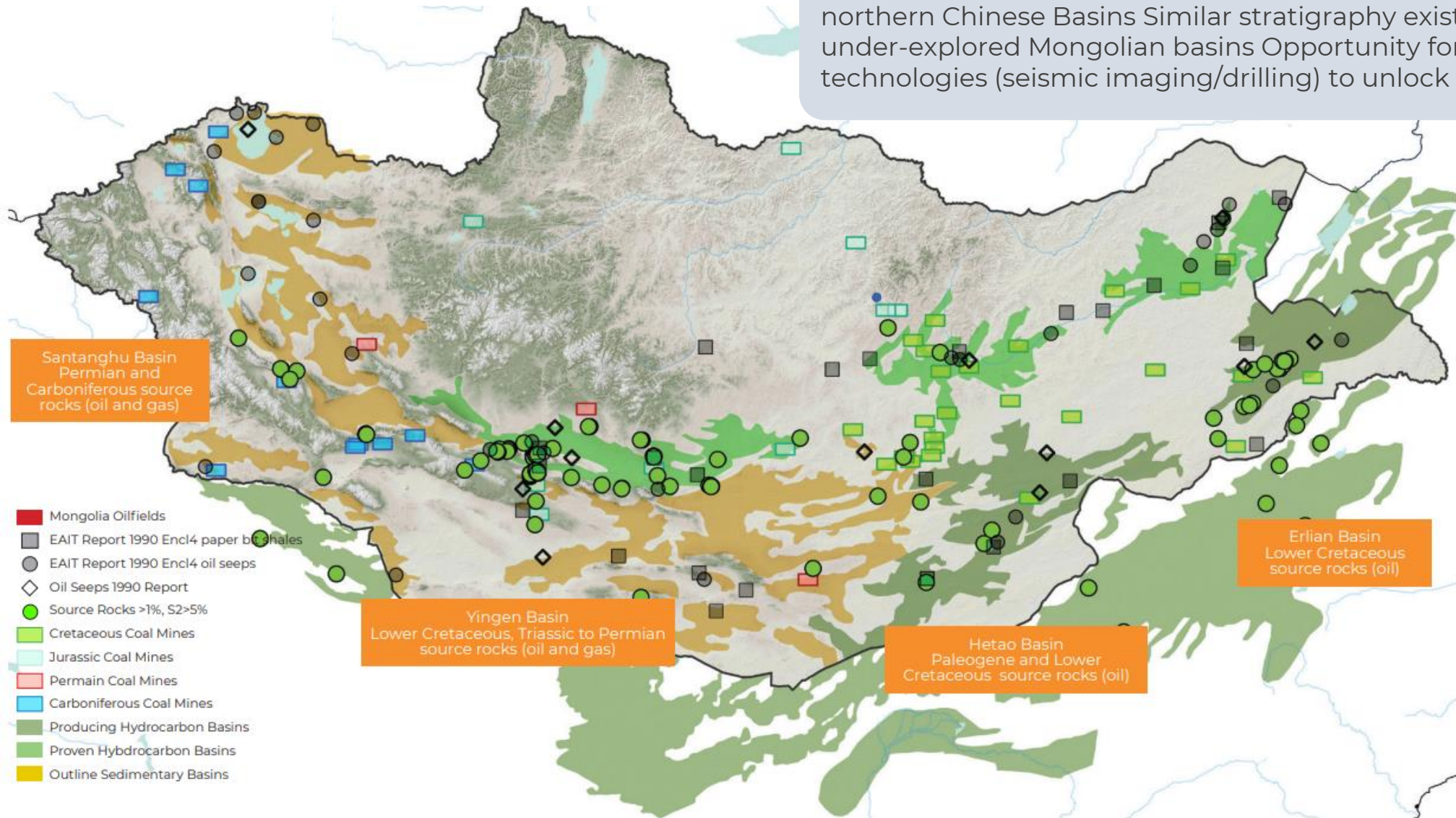
Gold



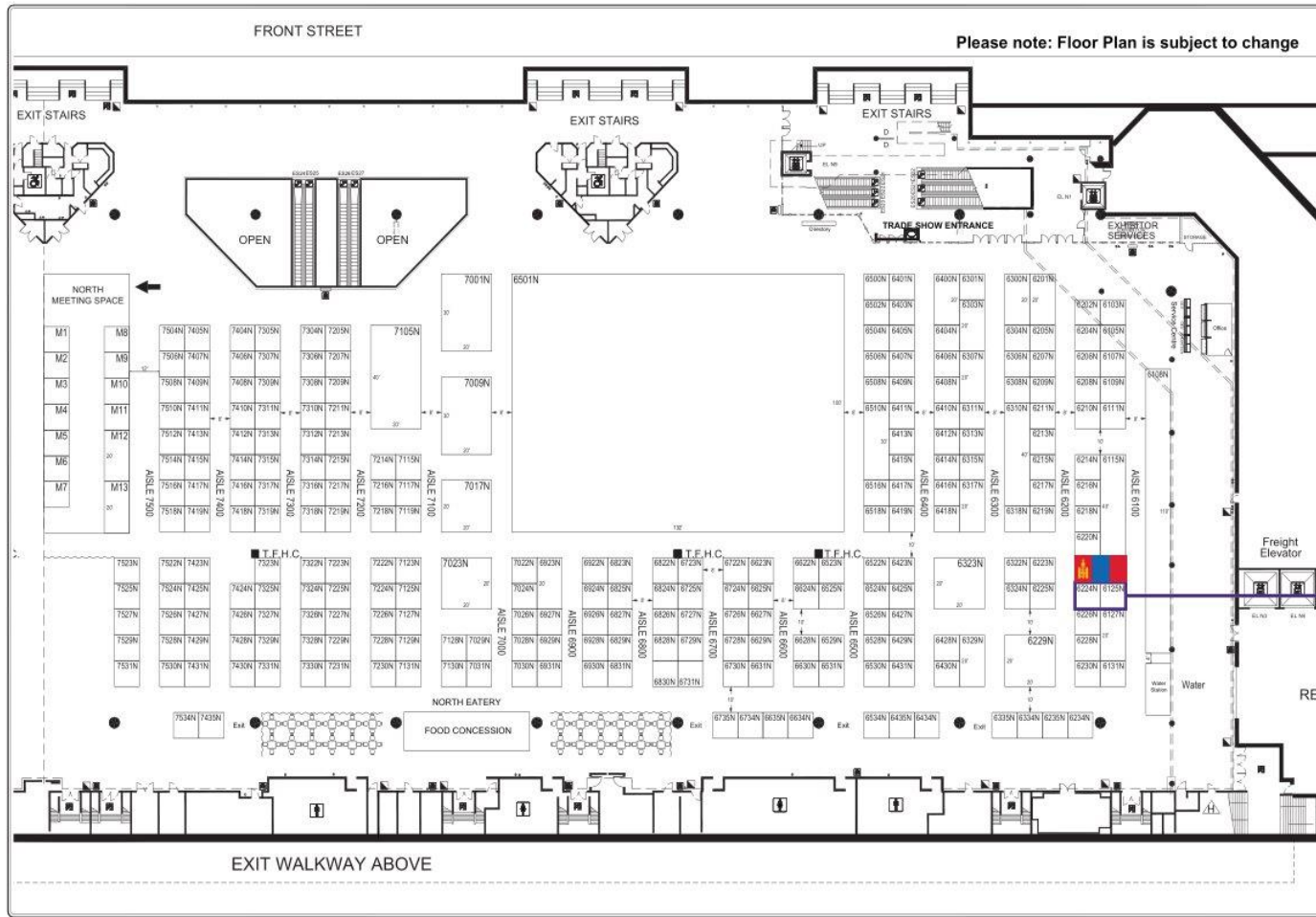
Uranium

OIL SECTOR

Cambrian to Paleogene Petroleum Systems now proven in northern Chinese Basins Similar stratigraphy exists in under-explored Mongolian basins Opportunity for new technologies (seismic imaging/drilling) to unlock potential.



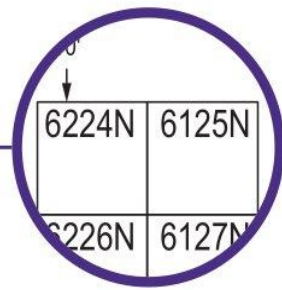
Mongolian Booth Map 2023.03.05-08



Booth Numbers:

Ministry of Mining and Heavy Industry of Mongolia - **6125N**

Mongolian National Mining Association - **6224N**



 **PDAC 2023 TRADE SHOW NORTH**
 March 5 - 8, 2023
 Metro Toronto Convention Centre, North Building, Level 300
 Exhibit Halls B & C





MINISTRY OF MINING AND
HEAVY INDUSTRY

*We are pleased to invite you to
The Mongolian Mining Week 2023*

See you in MONGONLIA



MONGOLIAN
MININGWEEK 2023

Уул уурхайн долоо хоног

2023.10.09-13

Register here



www.miningweek.mn
info@miningweek.mn



THANK YOU

Always open to COLLABORATION!

