



Extensive Geophysics Program Launched Across Pallas–Ivanhoe Alliance Projects, Chu–Sarysu Basin

London, UK – 17th June 2025 — Pallas Resources, dedicated to discovering the next generation of Tier-1 copper and gold deposits across Kazakhstan’s most promising and underexplored mineral belts, has commenced one of the largest modern geophysics campaigns ever undertaken in the Chu-Sarysu Basin through its strategic alliance with Ivanhoe Mines.



- **Ground Gravity Surveys** – ~4,250km² on a 500 × 500 m grid, creating one of the basin’s biggest gravity datasets since Soviet times. Density changes will be used to map basin architecture, major faults and dome features which control copper mineralization in a sediment-hosted setting.
- **AMT/MT Surveys:** 230km of Audio- and Magnetotelluric lines mapping resistivity to several kilometres, outlining cover thickness, different stratigraphic units under cover, major structures and dome features known to control mineralized horizons.
- **TEM + IP Line:** 14km combined Transient Electromagnetic (TEM) and Induced Polarisation (IP) line will be run along a transect of historic stratigraphic drilling that intercepted up to 3% Cu across four 10 m intervals. Running both methods over known mineralisation will help assess how effectively each maps the subsurface features associated with copper deposition, guiding future survey design.
- **Airborne Mag/Gravity:** 2,434km² fixed-wing survey across one of the most grassroots parts of the basin, where only limited Soviet-era geophysical data exists. The program is designed to map basement architecture and key structural features beneath cover, supporting early-stage target generation across true greenfield ground.



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- **3D Basin Model Integration:** All new geophysical datasets will feed into Pallas's basin-wide Leapfrog 3D model, providing a unified framework to interpret basin architecture, integrate historical and modern datasets, and prioritise targets across the portfolio.

These geophysical programs aim to map the basin's subsurface architecture and stratigraphy in three dimensions, enabling the identification of key structural and stratigraphic settings for sediment-hosted copper mineralisation. The results will guide drill targeting—including a **planned 15,000 m campaign in 2025 under the Ivanhoe–Pallas alliance**—and refine the mix of exploration tools deployed in subsequent phases.



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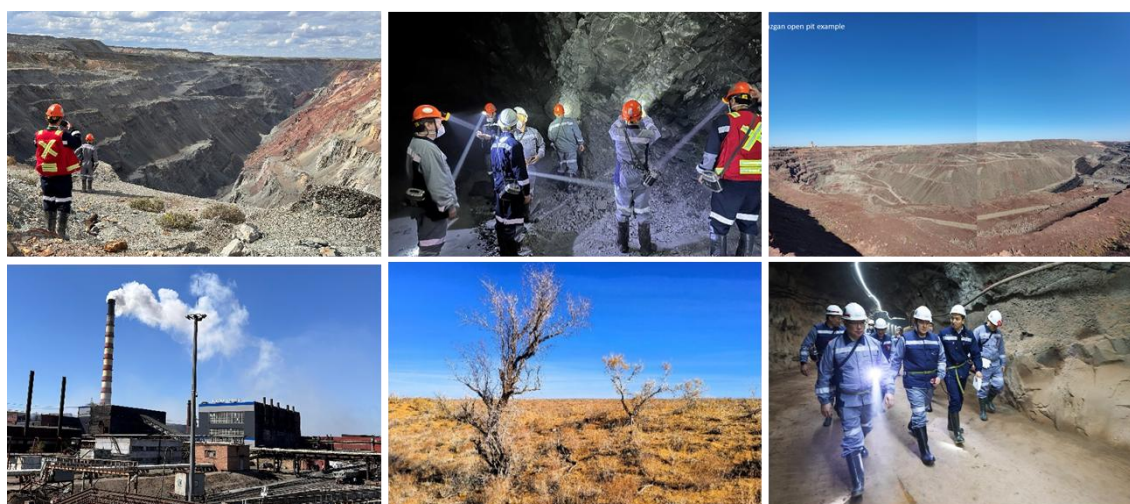


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About Kazakhstan's Chu-Sarysu Basin

- **Third-largest sediment-hosted copper basin globally**, hosting the **world-class Dzhezkazgan deposit** (2.0Bt @ 1.1% Cu, 22Mt Cu), continuously mined for over a century.
- **Significant copper endowment of >27Mt Cu** identified to date, with the USGS estimating an additional **25Mt Cu yet undiscovered**.
- **Untouched frontier**—no meaningful greenfields exploration conducted for over 50 years despite exceptional geological potential.
- **Pallas has established a commanding exploration position**, consolidating a substantial and strategic landholding across an entire copper province, **alongside strategic partnerships with industry leaders Ivanhoe Mines and First Quantum Minerals**.



Open pit, underground and smelting operations within the giant 22Mt Cu Dzhezkazgan Mine Complex.

Pallas and Ivanhoe Mines Alliance and Exploration Joint Venture Details

- Pallas has formed a **Strategic Alliance** and Joint Venture Agreement with **Ivanhoe Mines**, a leading global copper explorer and producer – targeting major copper systems in the Chu Sarysu.
- **Spanning ~16,000km²—larger than Northern Ireland**—this alliance targets the basin's most prospective tracts, forming one of the most significant land packages in Kazakhstan and the largest in the basin.
- Ivanhoe will **sole-fund \$18.7 million** during the Initial Phase. In Phase 1, they may elect to invest **up to \$115 million** over four years to earn into all projects under the alliance.
- This alliance combines Pallas' unmatched exploration datasets and first-mover advantage in Kazakhstan with Ivanhoe's deep expertise in sediment-hosted copper systems, exemplified by their grassroots discovery of the now producing Kamo-a-Kakula Complex (third largest copper mine globally).

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About Pallas Resources: Pallas Resources is a Central Asian explorer with a fresh approach to discovery. We employ a disciplined target selection process, focusing on highly prospective yet under-explored regions in Kazakhstan. We are on the hunt for large-scale copper and gold systems across districts that are ripe for the application of modern exploration techniques. These frontiers remain largely untouched by present-day explorers despite prior Tier 1 Soviet-era discoveries. For further information:

<https://www.pallasresources.com>.

Interested in backing the hunt for the next Tier 1 copper-gold discovery?

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