

QAZAQ
GEOPHYSICS



INTRODUCING A NEW LEVEL OF AERO SURVEY TECHNOLOGY USING THE LATEST INNOVATIONS IN GEOPHYSICAL INVESTIGATIONS



- THE COMPANY IS ENGAGED IN GEOPHYSICAL RESEARCH TO DISCOVER NEW FIELDS, FOLLOWING THE LATEST WORD IN TECHNOLOGY AND SCIENCE.

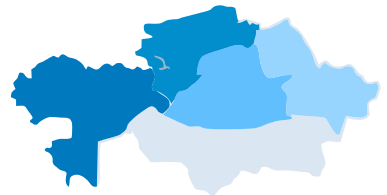
The company performs a complex of geophysical works using the latest generation equipment in the field of airborne geophysics, ground geophysics (magnetic exploration, electrical exploration) and 3D surveys of underground mine workings. For these tasks, Qazaq Geophysics has formed a staff of highly qualified specialists, its own aviation fleet (helicopters, airplanes, quadrocopters, unmanned aerial vehicles), as well as a fleet of specialized and auxiliary equipment.

THE MAIN GOAL IS TO REDUCE
THE RATIO OF EXPLORATION
COST PER UNIT DISCOVERY



■ MODERN TRENDS IN THE DISCOVERY OF NEW
DEPOSITS OF TPI:

- reducing the contrast of the target and their host environment
- reduction in the size of the desired objects
- decrease in the content of useful elements
- increase in depth.



«Unique aereoelectromagnetic technologies solve many modern problems and challenges of the industry, helping to achieve the goal»



■ COMPANY ADVANTAGES

- Highly qualified staff
- Continuous training and professional development
- Exclusive representation of Canadian technologies MobileMT, TargetEM, mTem specs in the territory of the Republic of Kazakhstan and Central Asia
- Completeness of geophysical equipment and technologies of the latest generation
- High-tech software with 3D visualization capability
- Own fleet of equipment and aviation
- Organization of work in accordance with the requirements of international standards
- Mandatory compliance with all safety, health and environmental regulations.

The company holds international certifications such as BARS (Basic Aviation Risk Standard) and IAGSA (International Airborne Geophysics Safety Association). It Qazaq Geophysics is the sole company in Kazakhstan and Central Asia to possess both prestigious certificates.





MAIN DIRECTIONS OF EXPLORATORY GEOPHYSICAL WORK:



- 01 - black color and rare metalls
- 02 - gold and platinum group
- 03 - the groundwater
- 04 - kimberlite pipes
- 05 - hydrocarbon raw materials
- 06 - non-metallic raw materials.

TECHNICAL EQUIPMENT of QAZAQ GEOPHYSICS

THE COMPANY PROVIDES A FULL RANGE
OF GEOPHYSICAL WORKS:

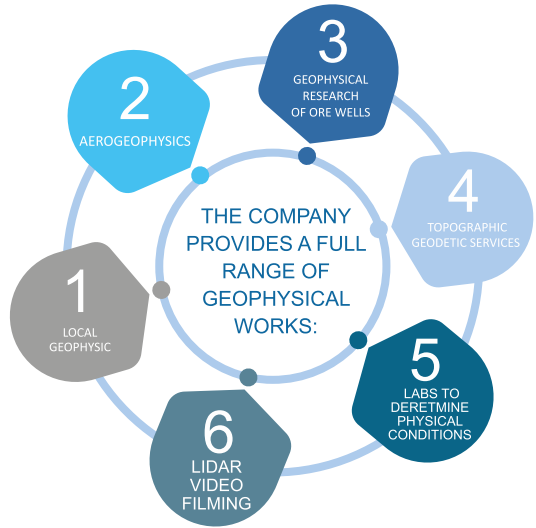
1. GROUND GEOPHYSICAL METHODS:

- a. Electrical surveys**
- b. TDEM
- c. TDIP
- b. Magnetic exploration**
- c. Gamma spectrometry**

2. AEROGEOPHYSICAL INVESTIGATIONS:

- a. Research using helicopter**
 - MobileMT
 - Target EM
 - mTem specs
- b. Research using aircraft**
 - Magnetic prospecting, gradiometry
 - Gravimetry, gradiometry
 - Gamma Spectrometry
- c. Research with a quadcopter**
 - Magnetometry
 - Gamma Spectrometry

3. COMPLETE COMPLEX OF GEOPHYSICAL INVESTIGATIONS OF ORE



4. TOPOGRAPHICAL AND GEODETTIC SERVICE

- instrumental binding on the ground;
- carrying out in nature design points;
- topographic surveys (instrumental, with the help of UAV);

5. LABORATORY FOR PHYSICAL PROPERTIES OF ROCKS AND ORES

- density;
- magnetic susceptibility;
- polarizability;
- resistance;
- conductivity;

6. LIDAR VIDEO FILMING OF UNDERGROUND MININGS

- 3D laser scan



ANALYSIS OF GEOLOGICAL AND GEOPHYSICAL DATA IS IMPLEMENTED USING MODERN SOFTWARE

- Geosoft Oasis Montaj,
- MapInfo,
- AutoCAD,
- CorelDraw,
- Micromine,
- ZOND program package,
- Surfer,
- COSCADE 3D,
- CREDO 3D scan,
- Proba,
- Podbor,

which allows to achieve the maximum efficiency of the conducted complex geophysical surveys



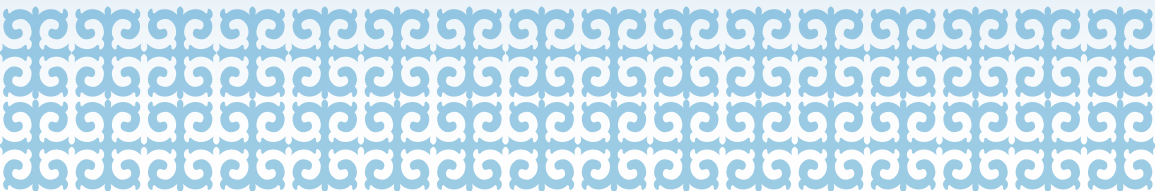


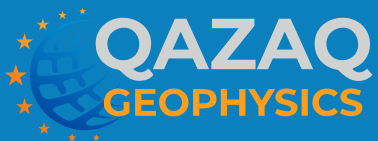
OUR PARTNERS

To promote innovative technologies in the Kazakhstan market, Qazaq Geophysics cooperates with many foreign manufacturers and developers of equipment and software:



Цикл ГЕО





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