



«VOLKOV GEOLOGY»

Joint Stock Company

Ontustyk VG

Almaty,
CEME -Central Experimental
Methodical Expedition
UPTOK-Branch company of
Production and technical support
and equipment

Short Historical Information

- Establishing date:** 1947 – “Volkovskaya Geological Exploration Expedition” was established by order of the Ministry of Geology of the USSR
- Goal of the creation:** Search and exploration of uranium ores on Kazakhstan land for the defense complex and atomic energy of the USSR
- Achievements:** For 70 years, more than 40 deposits of uranium have been identified. Kazakhstan uranium mining industry has been created with total uranium reserves more than 1.3 million tons which based on 19 unique hydrogen-type uranium deposits located in southern Kazakhstan. During the period 1991-1998 years a large amount of geological research and drilling has been carried out in **China**. Work was carried out to find mineral deposits in countries such as **Mongolia** and **Jordan**.
- Awards:** Order of the Red Banner of Labor, passing banners of Central Trade-Union Council and Exhibition of Economic Achievements of USSR
Swiss program for awarding leading enterprises - "European Grain-Prix for Quality" - 2014
The winner in the National Branch Competition of the Republic of Kazakhstan "GOLDEN GEFEST" in the nomination "National Pride" - 2012 and others.
- Staff:** - Doctors– 2 people; Candidates (PhD) – 10 people.; engineers of various specialties - 1 993 people. Total– 3 964 people.



Mission

Provision of the mineral resources of uranium base in Kazakhstan Republic



Company vision :

Modern survey company with advanced technologies and carrying out a full range of high-quality exploration in accordance with international standards

- "Volkovgeology" JSC- the main element of reproduction of the mineral resource uranium base.
- "Volkovgeology" JSC - the center of technological and professional competencies in the uranium geological industry
- Performing all types of works by the least negative impact on the ecosystem



Opportunities

- providing full service for all types and stages of geological survey for all types of minerals
- use of advanced technology and conduct research projects
- availability of full material and technical base
- availability of geographically distributed production structure
- qualified staff
- providing with strategic important resources for the needs of Kazakhstan economy

Main activities :



The study of uranium-bearing prospects



Search and exploration of uranium deposits, solid minerals and groundwater



Radioecological work on assessing the state of the radioecological situation in Kazakhstan and radioecological support for geological exploration and technological drilling



Analytical work on the determination of radioactive and related elements in rocks and groundwater

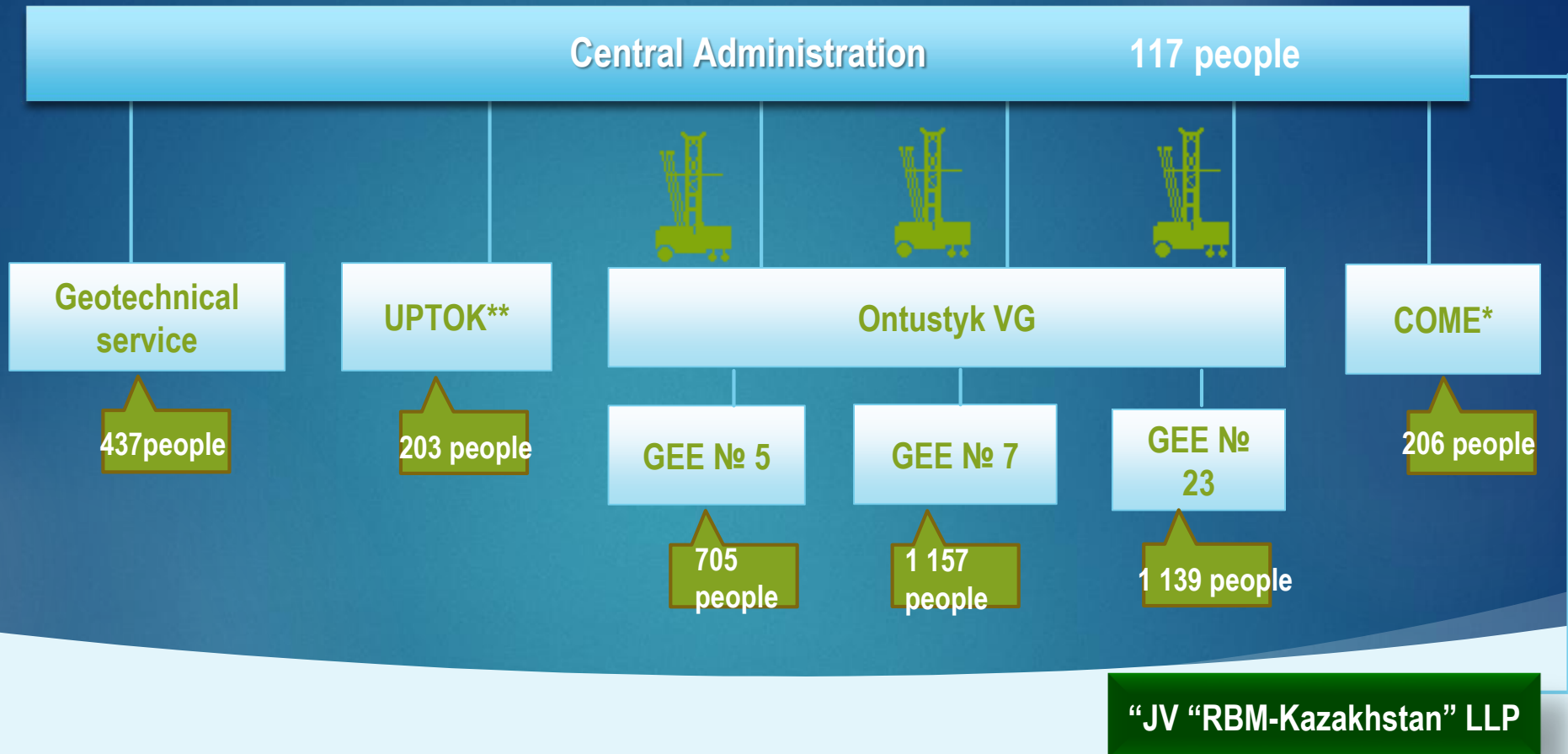


Drilling and well construction, drilling of water wells



Production and repair of drilling rigs, manufacturing and overhaul of mining equipment and vehicles

► COMPANY STRUCTURE

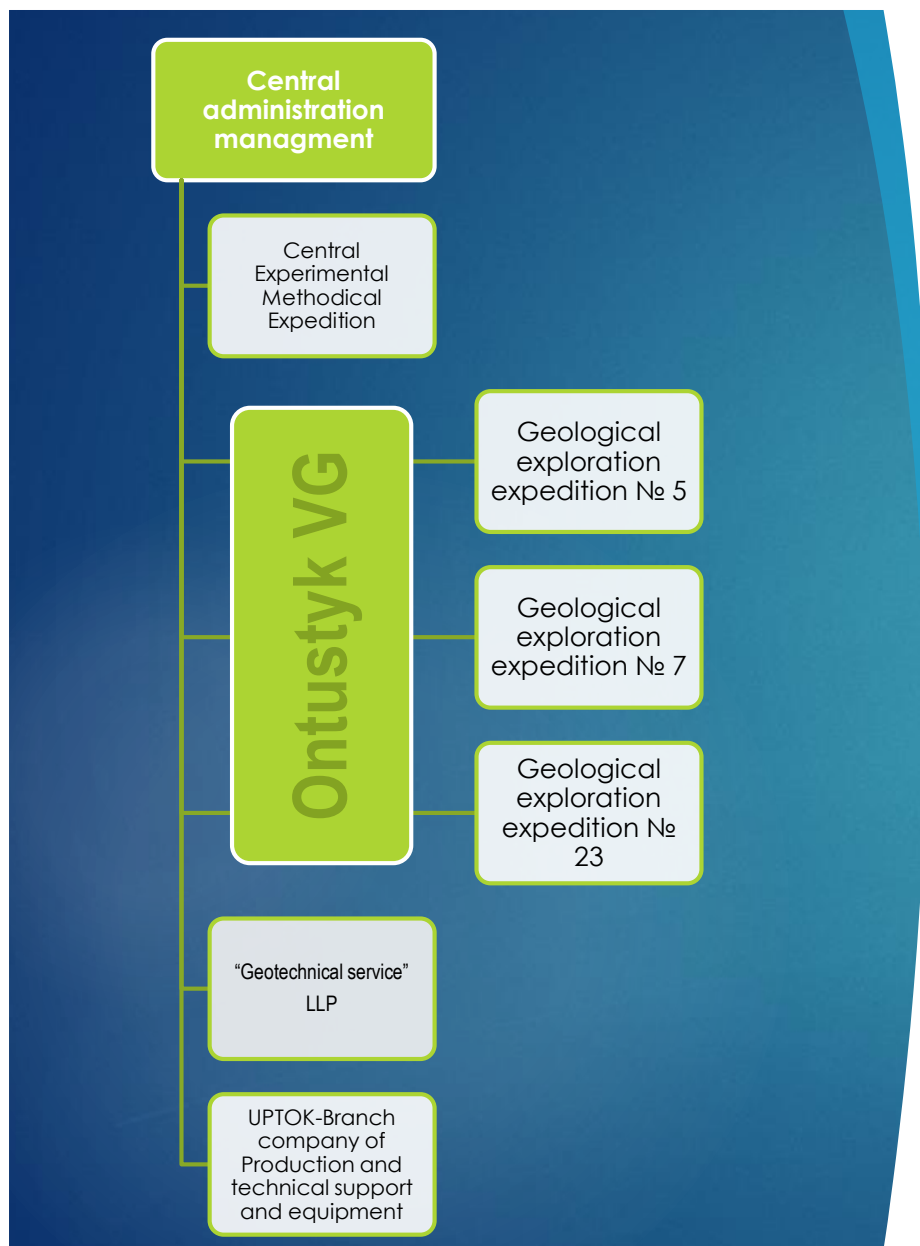


- Production branches companies– **4**
- Total number of employees– **3 964** people
- Associated Enterprise - "JV "RBM-Kazakhstan" LLP (ownership share - 49%)

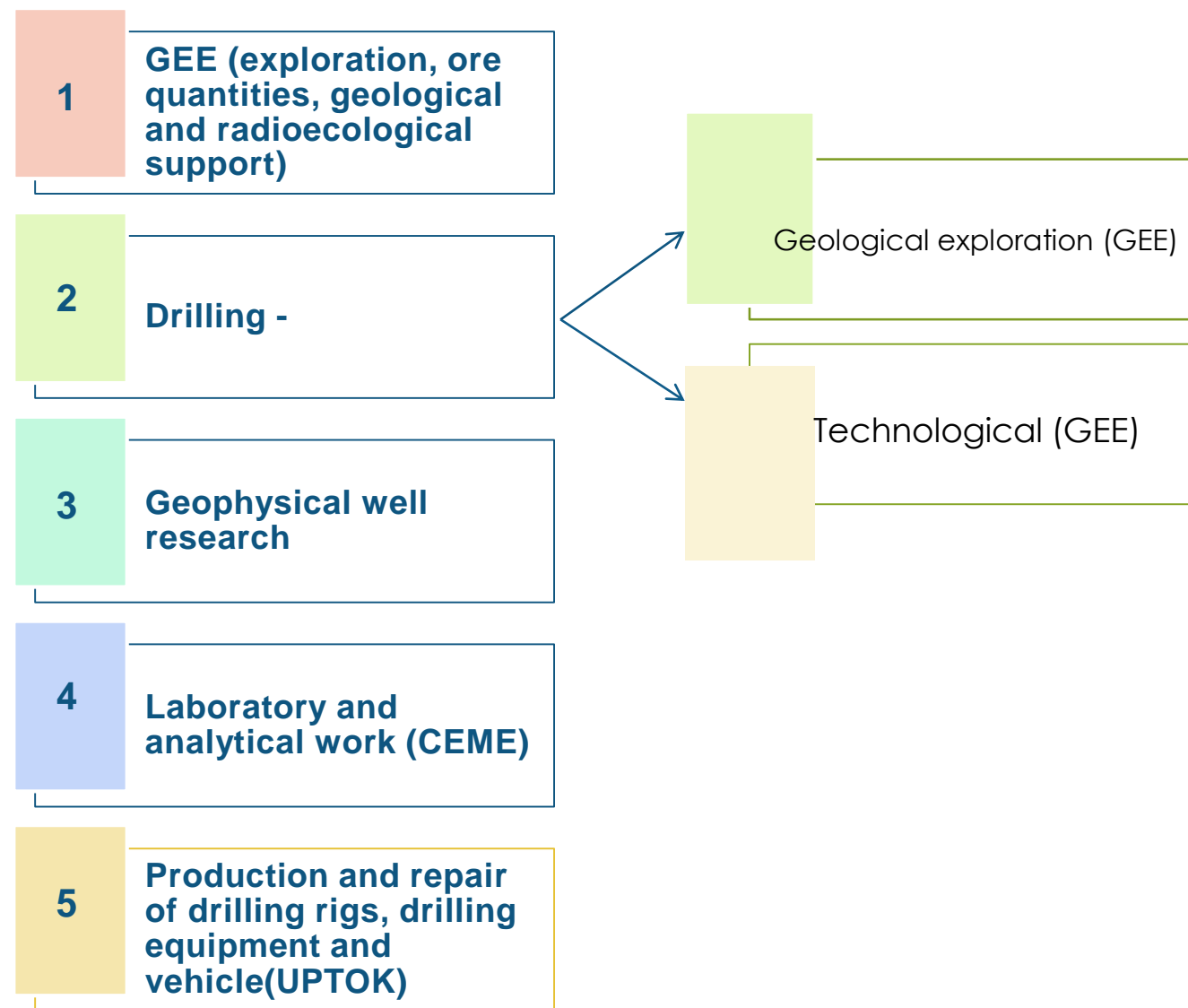
*CEME -Central Experimental Methodical Expedition

**UPTOK-Branch company of Production and technical support and equipment

***GEE - Geological exploration expedition

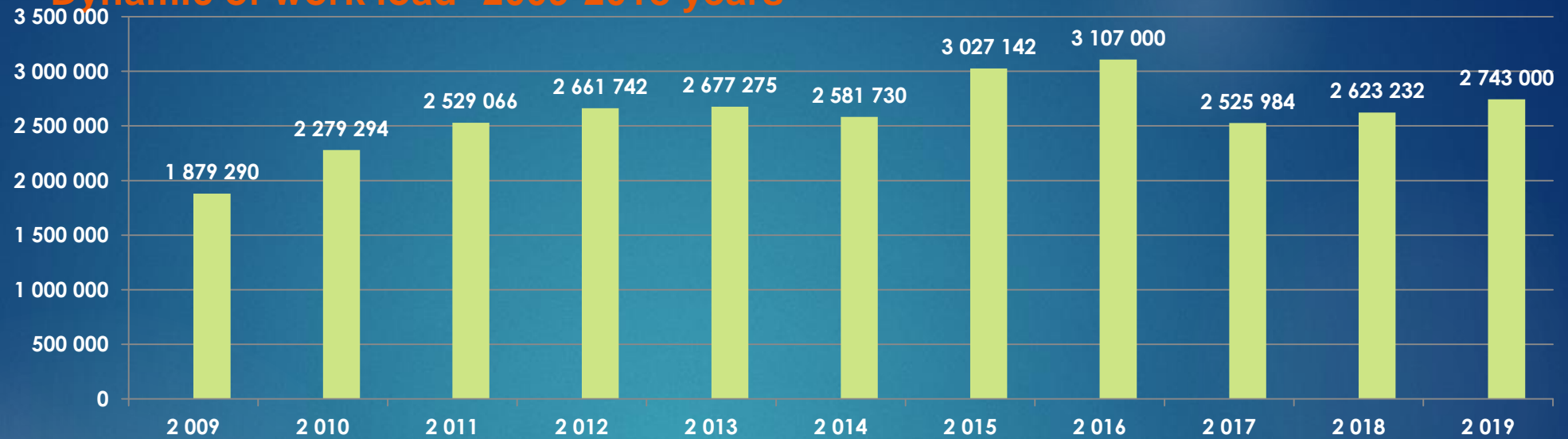


Operational structure of the Company's main business processes

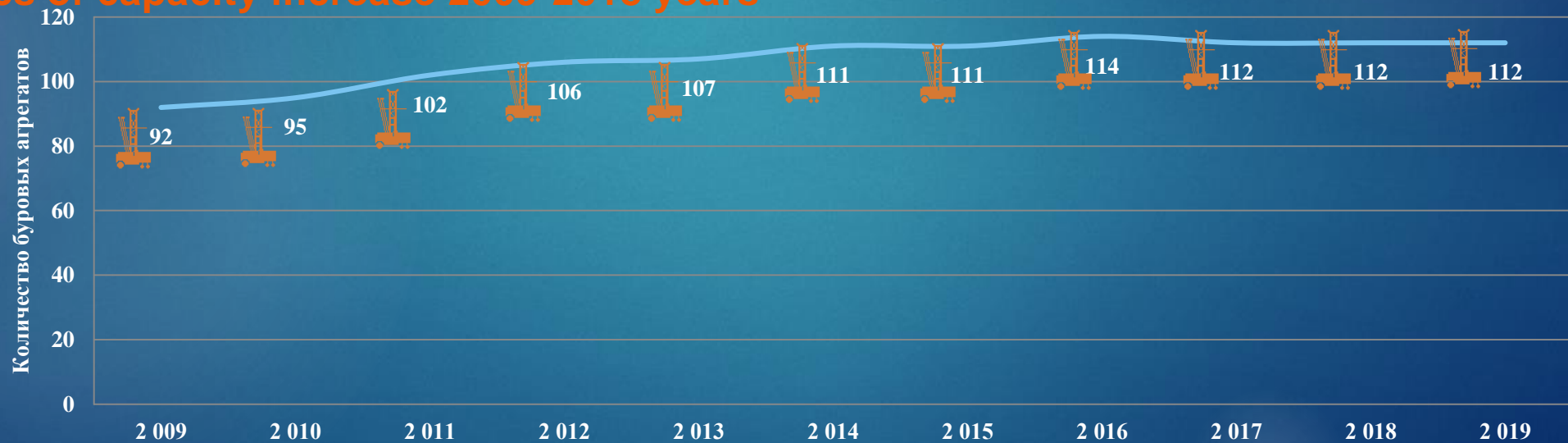




Dynamic of work load- 2009-2018 years



Dynamics of capacity increase 2009-2018 years



Company's position in the drilling market in the Republic of Kazakhstan



The main consumers of the works are subsidiaries and jointly-controlled uranium mining enterprises of JSC "NAC"Kazatomprom".

In Kazakhstan Company holds 72% market share in the field of drilling operations for enterprises of JSC "NAC" Kazatomprom ". It has huge experience of drilling in different geological conditions and locates among the leading technically advanced drilling companies in the world that able to perform industrial tasks of any complexity.

The companies existing in the Kazakhstan market of geological exploration services cannot ensure the full implementation of the whole complex of geological exploration. Each of these companies occupies a certain niche in the exploration market in Kazakhstan, but is not able to provide services in the volumes required for further growth of expenditures on exploration. As well competes with the more equipped and knowledge-intensive "Volkovgeology" JSC.

**Restores Mineral
resources base of
Kazakhstan uranium
(exploration work)**

At present, in accordance with the approved "Program for the Development of the Uranium Mineral and Raw Material Base of Kazakhstan" "Volkovgeology" JSC conducts prospecting and exploration and assessment work in the promising areas of the Shu-Sarysu and Syrdarya uranium ore provinces.

It will be carried out prospecting and exploration work in area **124 square kilometers**, as a consequence opening new deposits with suggested resources of **195 thousand tons** of uranium. After staging them on state balance then it can significantly increase assets of "NAC" Kazatomprom " JSC.

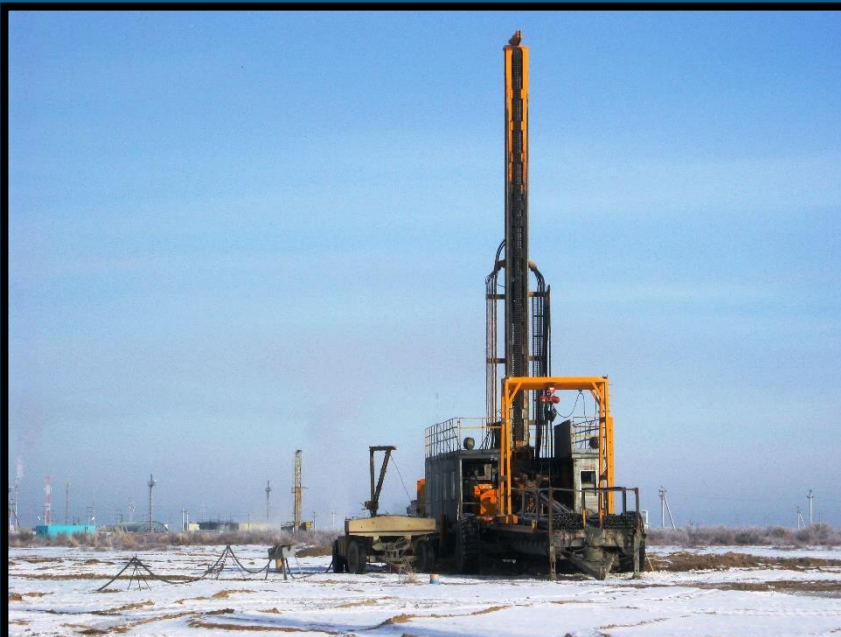


TECHNICAL PARK OF “VOLKOVGEOLOGY” JSC

Mobile Drilling Rigs BPU-1200 MK



Mobile Drilling Rigs KZ-800
Joint production of the Japanese company "KOKEN" and "Volkovgeology" JSC



Rotary Drilling Rigs RB 40 Core Drilling Rigs ZBO S 15



Production and repair of drilling rigs, mining and drilling equipment



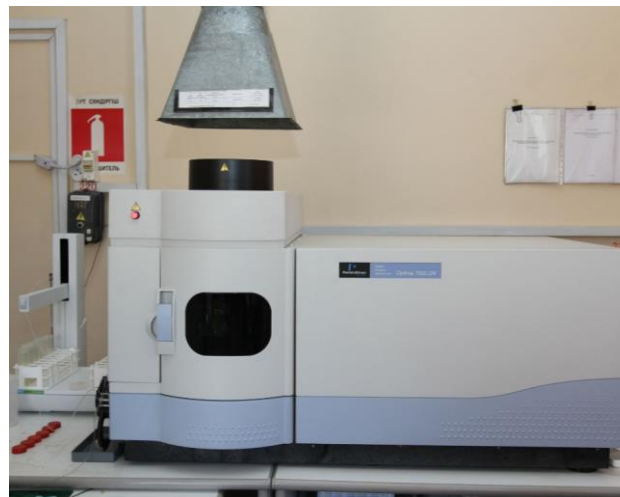
Well development rigs



Installation of the regeneration of solutions



**Chemical Analytical
Laboratory(chemical,
physical, technological
departments)**



Department of new drilling and exploration technologies

Science Research work

Tasks

- Design and implementation of technical equipment for drilling and geological exploration
- The adoption of new drilling rigs
- Improving Drilling Technology
- Development and improvement of drilling fluids formulations
- Systems of operational control of the drilling process
- Monitoring and coordination of repair and restoration works (RaR) of technological wells
- Monitoring of new drilling tools and tools after restoration
- Carrying out research work in the field of development of methods of prospecting and forecasting work



Installation for cleaning and
regeneration of drilling fluids



Mobile unit for cleaning drilling
mud from drill cuttings



Clay for the preparation
of polymer solutions

In activities
"Volkovgeology"
JSC focuses on the
following **values**:

1

manufacturability

- introduction of advanced technologies and innovations

2

result orientation

- provision of quality services to meet the maximum requirements of customers

3

use of potential opportunities

- search for synergies with other market participants and continuous search for prospects for further development

4

transparency and accountability

- disclosure of the necessary information to interested parties in the prescribed manner, a clear system of monitoring and accountability

5

corporate social responsibility

- safety, job creation, environmental protection

Diversification of activities

Expected results

Obtaining additional sources of income of the Company, which in turn will allow to solve a number of social issues, and especially the issue of preserving jobs

One of the strategic objectives of the Company is the involvement in the production of other solid minerals.

ПЛАНИРУЕМЫЕ ИСТОЧНИКИ
ФИНАНСИРОВАНИЯ
ДЕЯТЕЛЬНОСТИ

planned sources of
financing activities

ЗАКАЗЫ НАЦИОНАЛЬНЫХ КОМПАНИЙ ФОНДА
Orders of national fund companies

ГОСУДАРСТВЕННОЕ ЗАДАНИЕ НА ПРОВЕДЕНИЕ ГРП
state assignment for geological exploration

ЗАКАЗЫ СТОРОННИХ КОМПАНИЙ НЕДРОПОЛЬЗОВАТЕЛЕЙ
orders of third-party companies of subsoil users

ГОСУДАРСТВЕННО-ЧАСТНОЕ ПАРТНЕРСТВО
state private partnership

"Volkovgeology" and
"NAC"Kazatomprom" own
needs

АО «НАК «КАЗАТОМПРОМ»
АО «ВОЛКОВГЕОЛОГИЯ»
для собственных потребностей

НЕДРОПОЛЬЗОВАНИЕ С ПРИВЛЕЧЕНИЕМ ИНВЕСТИЦИЙ НА
РАЗЛИЧНЫХ СТАДИЯХ ПРОЕКТА

subsoil use with attraction
of investments at various
stages of the project

ПРОВЕДЕНИЕ ГРП ЗА РУБЕЖОМ

geological exploration abroad

РОСТ
ДОХОДОВ
ОТ ОКАЗАНИЯ
ГЕОЛОГОРАЗВЕДОЧНЫХ
УСЛУГ

growth of income from the
provision of exploration
services



THANKS FOR ATTENTION!