

Titanium-zirconium deposit



Product

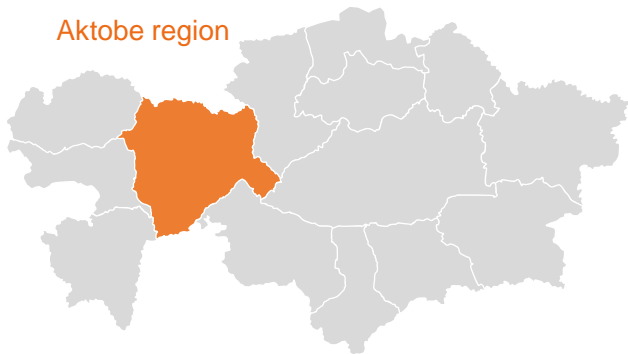
5-15 thousand tons of Ilmenite concentrate (TiO₂)

Annual capacity

3 thousand tons of rutile-zirconium concentrate (ZrO₂)

Location

Aktobe region



The Project

- The Project assumes development, geological exploration, and production of titanium-zirconium placer ores in Aktobe region, which occupy the following territory: Central – 22 square kilometers, Western – 10 square kilometers, Western – 12 square kilometers
- Two companies own two licenses for exploration of 2 blocks (dd 10.02.2021 and dd 06.10.2021, consequently). Licenses expire after 6 years from their date of approval
- The reserves of titanium-zirconium placer are approved by Ministry of ecology, geology and natural resources of Republic of Kazakhstan on 04.05.2022
- Titanium-zirconium placer reserves are assessed in accordance with the KAZRC Code as of 20.04.2022

Category	Type of ore	Number of sands (placer) thousand m ³	TiO ₂ content kg/t	ZrO ₂ content, kg/t	TiO ₂ reserves kttons	ZrO ₂ reserves kttons
Measured	Titanium-zirconium placer	16,503.28	14.2	2.2	428.05	65.58
Identified	Titanium Zirconium placer	21,425.39	12.4	1.9	480.4	72.8

- The deposit was discovered as a result of prospecting work started in 1955. In 1955-65, prospecting and evaluation works and preliminary exploration were carried out
- In 1960-62, the hydrogeological conditions of the deposit were studied, and in subsequent years, a technological study of the ore enrichment was carried out
- The enrichment of placer titanium-zirconium ores on screw separators was tested at an experimental processing plant built near the deposit
- As of today, exploration work was carried out repeatedly and accepted on the balance sheet. Work has begun on obtaining a mining license.



Investment Opportunity

- The Companies is looking for a potential financial and/or strategic partner. Share size and amount of investment is subject to negotiation