

DEVELOPMENT OF NOVO-AKHMIROVSKOYE LITHIUM DEPOSIT

RESERVES							
Geological reserves of C2 category (2017)							
Minerals	Ore reserves, th. tons	Average grade %	Metal reserves, th. tons				
Lithium oxide Tin, tons	10 113,05	0,321 0,037	32,465 3,766				
Approved reserves of C2 category in the contour of the project open pit (2017)							
Lithium avida		0.22	00 017				

Tin, tons		6 732,5	0,04	2,692
LITTIOTTOXICE			0,55	22,217

Interred reserves of PT category						
Minerals	Ore reserves, th. tons	Average grade %	Metal reserves th. tons			
Lithium oxide	11 444 15	0,106	12,162			
Tin, tons	11 400,13	0,011	1,309			

LOCATION





ANNUAL PRODUCTION CAPACITY GLOBAL DEMAND

25 THOUSAND TONS OF SPODUMENE CONCENTRATE

n.a.

THE PROJECT

The project involves development of a unique nonpegmatite lithium-bearing Novo-Akhmirovskoe deposit in the East Kazakhstan region. Mining method is open-pit.

The granites of the Novo-Akhmirovsky stock, being the deep equivalent of ongonites in terms of material composition, are characterized by even more significant enrichment in ore and associated components. The main ore body of PT-1 is confined directly to the intrusion of aplite-like granites. The length of ore body 1 is 106.5 m in cut-off grade of 0.3%. A total of 5 ore bodies have been identified. Ore bodies 2-5 are confined to silty-sandstone rock mass. The length of ore bodies 2-5 is 72.8 m, 160.6 m, 32.0 m, 48.5 m, respectively. The content of tin is 0.01-0.05%, lithium dioxide is 0.05-0.052%.

Creada Corporation THE COMPANY

"CREADA Corporation" LLP is a subsoil user and holds exploration license for Novo-Akhmirovskoe deposit.

🔊 THE MARKET

The global market for lithium is projected to grow at 1.9% CAGR to \$5 billion by 2028 driven by a rapid expansion of the market for car batteries — the major source of demand for lithium in the coming decade. Some of the largest consumers of lithium among battery manufacturers are LG Chemical (Korea), Panasonic (Japan), Samsung SDI (Korea), CATL (China), Tesla (United States), BYD (China). Asia-Pacific is the largest market, accounting for over 80% of global production and consumption of lithium oxide.

REASONS FOR ENGAGEMENT

in 1995-1997, Geo-T LLP, at the request of UMP JSC, conducted preliminary exploration of the Novo-Akhmirovsky intrusive with the calculation of reserves in category C2 and predicted resources of P1. In 2015-2017 Semey Service Company LLP at the state request by MD Vostkaznedra conducted prospecting and evaluation works at the Novo-Akhmirovskoye deposit.

Associated component reserves: rubidium Rb2O - 11.5 th. tons (average content - 0.114%, cesium Cs2O - 1.5 th. tons (average content - 0.015%), beryllium BeO - 606.78 tons (average content - 0.006%), niobium Nb2O5 - 101.13 tons (average content - 0.001%), tantalum Ta2O5- 101.13 tons (average content - 0.001%), tungsten WO3 - 1.2 thousand tons (average content - 0.012%).

♦ INVESTMENT OPPORTUNITY

The project owner is looking for an investor and ready to consider various options of cooperation.

