

OUR CRITICAL MINERALS

NioCorp plans to produce three products at its Elk Creek, Nebraska Project that are all considered "critical minerals" by the U.S. Government. This makes the Elk Creek Project one of the few pure-play, greenfield critical minerals mines in the U.S. that has a NI-43-101 Feasibility Study completed and are ready for funding and construction.



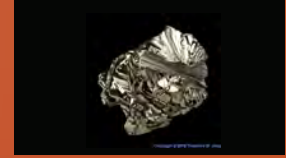
SCANDIUM

Scandium greatly strengthens aluminum alloys, which presents significant potential for the airline, automotive, and other industries. It also is a vital to Solid Oxide Fuel Cells, an environmentally friendly energy technology.



NIOBIUM

Niobium makes steel stronger, lighter, and highly corrosion resistant. For many applications, such as super alloys and pipeline steels, there are no effective substitutes for niobium. It also has important uses in electronics, batteries, superconducting systems, and many others.



TITANIUM

Titanium has the highest strength-to-density ratio of any metallic element and is used in aerospace, national defense, chemical processing, desalination, automotive, health care, communications, sporting goods, and many others.

Commercial Product



Scandium Trioxide

Commercial Product



Ferroniobium

Commercial Product



Titanium Dioxide

MULTIPLE MARKETS FOR OUR PRODUCTS



Niobium-strengthened steel will be vital to longer-lasting structures as transportation infrastructure systems are rebuilt and modernized around the world.



US\$9 of Niobium added to a mid-sized automobile reduces its weight by 100kg, increasing fuel efficiency by 5%.¹



Scandium in solid Oxide Fuel Cells helps these clean energy systems achieve unmatched reliability in mission-critical power supply markets.²



The addition of only 0.025% Niobium in the steel of the Millau Viaduct bridge reduced the weight of steel and concrete by 60% in the overall project.³



Niobium, scandium, and titanium are all used in various military systems. As defense spending grows, so too may consumption of these metals.



Scandium-contained aluminum alloys can reduce weight in commercial airliners by as much as 20%, which helps to reduce greenhouse gases and other harmful air emissions.⁴



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¹ Source: World Steel Institute.

² Estimate by Bloom Energy

³ Source: CBMM

⁴ Source: OnG Commodities LLC

Cautionary Notes

Certain statements contained in this document may constitute forward-looking statements, including statements regarding the results of the Company's April 2019 Feasibility Study, including, but not limited to, metal price and exchange rate assumptions, cash flow forecasts, projected capital and operating costs, metal or mineral recoveries, mine life and production rates; the Company's potential plans and operating performance; the estimation of the tonnage, grades and content of deposits, and the extent of the resource and reserves estimates; potential production from and viability of the Project; the future ability to obtain permits and the nature of the permits required; estimates of future production and operating costs; potential improvements in environmental performance and the reduction in environmental impacts; estimates of permitting submissions and timing; the timing and receipt of necessary permits and project approvals for future operations; access to project funding, exploration results, and the NI 43-101 Technical Report. Such forward-looking statements are based upon NioCorp's reasonable expectations and business plan at the date hereof, which are subject to change depending on economic, political and competitive circumstances and contingencies. Readers are cautioned that such forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause a change in such assumptions and the actual outcomes and estimates to be materially different from those estimated or anticipated future results, achievements or position expressed or implied by those forward-looking statements. Risks, uncertainties and other factors that could cause NioCorp's plans or prospects to change include risks related to the Company's ability to operate as a going concern; risks related to the Company's requirement of significant additional capital; changes in demand for and price of commodities (such as fuel and electricity) and currencies; changes in economic valuations of the Project, such as Net Present Value calculations, changes or disruptions in the securities markets; legislative, political or economic developments; the need to obtain permits and comply with laws and regulations and other regulatory requirements; the possibility that actual results of work may differ from projections/expectations or may not realize the perceived potential of NioCorp's projects; risks of accidents, equipment breakdowns and labor disputes or other unanticipated difficulties or interruptions; the possibility of cost overruns or unanticipated expenses in development programs; operating or technical difficulties in connection with exploration, mining or development activities; the speculative nature of mineral exploration and development, including the risks of diminishing quantities of grades of reserves and resources; and the risks involved in the exploration, development and mining business and the risks set forth in the Company's filings with Canadian securities regulators at www.sedar.com and the SEC at www.sec.gov. NioCorp disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise.

Qualified Persons: The following Qualified Persons as defined by National Instrument 43-101, have read and approved the technical information contained in this presentation: Glen Kuntz, P. Geo, Consulting Specialist - Geology/Mining (Nordmin Engineering Ltd., for Elk Creek Mineral Resource Estimate; Mr. Jean-Francois St-Onge, P.Eng, Associate Consulting Specialist - Mining and Vice President (Optimize Group Inc.), for the Elk Creek Mine Plan and Mineral Reserves; and Scott Honan, M.Sc., SME-RM, NioCorp Developments Ltd., for other technical information contained in this presentation.