

#### HIGH GRADE SILVER IN NORTHERN ONTARIO

Stand Stand Stand Stand

**CASTLE EAST** is a high-grade silver discovery with cobalt, nickel and gold mineralization

- > Major new silver deposit at past producer
- > Drill grades up to 89,853 g/t Ag (2,621 oz/ton)
- > 7.5 m oz inferred resource at 8,582 g/t Ag

#### Key Focus: Resume mining at Castle and revitalize Canada's Historic Silver-Cobalt Camp



Past mining in the immediate area around Castle produced over 50 million ounces of silver, and our drill results are consistent with early 1900s spectacular silver grades.



Multiple high grade veins were discovered at Castle East using modern techniques, and the cobalt, nickel and gold mineralization improves the economics of mining.





number of veins





BULK SAMPLE For processing at Nord's TTL high-grade mill



**PILOT PLANT** Size plant-scale equipment, test tailings

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# **DRILLING HIGHLIGHTS**



# PATH TO PRODUCTION



## The Process

The input material would be fed for separation into a gravity concentrator. The silver-gold concentrate would go to the mill to produce doré bars. The cobalt concentrate would go to the leach plant to produce cobalt sulphate and other critical minerals as by-products such as nickel, arsenic, bismuth and antimony.



## **Hub and Spoke**

This system would produce silver and cobalt primarily, but also critical metals such as nickel, arsenic, antimony and bismuth. Material from producing mines, remediated tailings, and waste piles could be transported to a central processing hub.



### TTL

Nord's fully functional TTL facility would serve as an interim silver production facility while the envisioned production hub is engineered and constructed.

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