

# Winning the race in Canada's Cobalt Camp in Northern Ontario

Canada Cobalt Works Inc. (TSXV: CCW) (formerly Castle Silver Resources Inc.) is a growing cobalt focused company operating in Canada's Northern Ontario Cobalt Camp. Cobalt was previously a by-product of silver mining, only now as it has become more valuable the focus has moved from silver to cobalt. Canada Cobalt Works ("CCW") has a proprietary metal separation process for the efficient extraction of cobalt plus a recovery division set up to recover cobalt from spent batteries. The Company is moving forward on all fronts as the price of cobalt continues to remain strong due to strong global demand for battery production from the booming electric vehicle market.



Recharging an EV

According to the Company they are the most advanced of all the juniors in the Northern Ontario Cobalt Camp. The Company say they are underground, and nobody else is, at least for now. Their process will not only extract the cobalt along with the

nickel, silver and gold very cost efficiently; it will also reduce the arsenic to levels required by the Asian market. According to the Company nobody else has this proprietary process; however in the future they may figure out similar ways of emulating it. They are the first ones to establish the production of cobalt in the camp (mill and refinery) which the Company believes will dominate the camp. This is why the Company say they are in effect winning the race.

## **CCW's three historic mines – Castle Silver Mine, Beaver Mine, Violet Mine**

**Castle Mine was one of the highest-grade silver-cobalt properties in the historic Cobalt Camp in Northern Ontario**

Mines in the Greater Cobalt Camp (including Gowganda, Cobalt, Silver Centre) produced over 500 million oz of silver and over 30 million lbs of cobalt in the 1900s



### **Historical Cobalt Camp**

In addition to the Castle Silver Mine profitably operated by Agnico Eagle Mining in the 1980's, the Company also has 100% ownership of the Beaver and Violet cobalt silver mine properties located near the historic Castle Silver cobalt mine property. Roughly 300,000 pounds of cobalt was mined from Castle Silver Mine over the years, with Beaver having historical documented cobalt production of another 140,000 pounds. Work related to cobalt at Castle Silver Mine began in

2011, long before the cobalt boom. Past drilling has delivered some good results including drill hole CA11-09 which returned 1.44% cobalt over 0.12 metres (0.39 feet), and CA11-08 which returned 6,476 grams (188.8 ounces) of silver per tonne over 3.09 metres (10.138 feet) including 0.91% cobalt over 0.45 metres (1.48 feet).

In February 2013, metallurgical tests on samples from the Beaver mine property were released. Four hundred kilograms of cobalt-nickel sulphide material was hand cobbled from the historic waste pile with a 20-kilogram sample used in a test program showing an average calculated assay of 7.98% cobalt, 3.98% nickel and 1,246 g/t silver. Combined gravity-flotation recoveries from the limited test program yielded 64.2% for cobalt, 61.2% for nickel and 92.0% for silver.

On June 28, 2018, CCW announced a pilot plant was being assembled at Castle Silver Mine to produce bulk gravity concentrates on site for immediate processing into cobalt sulphate. It was also noted that the first three underground drill holes had intersected visually identifiable mineralization consisting of cobalt and nickel sulphides and native silver.

Going forward, in addition to the ongoing underground drilling, plans include de-watering further underground, with continued rehab and processing materials through the pilot plant.

Canada Cobalt Works Inc. has a market cap of C\$ 50.2m.

Usually once a pilot plant is operating, and samples are produced, off-take deals tend to follow. Canada Cobalt Works is certainly one to watch as a promising junior in the Canada cobalt space.