

Norden Crown Completes High Resolution Ground Magnetic Survey At Fredrikssons Gruvan, Gumsberg Project

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VANCOUVER, May 9, 2022 - [Norden Crown Metals Corp.](#) ("Norden Crown" or the "Company") (TSXV: NOCR) (OTC: NCRD) (Frankfurt: 03E) is pleased to announce completion of a 450 line-km ground magnetic survey at the Fredrikssons Gruvan ("Fredrikssons Gruvan") in the Bergslagen province of Southern Sweden. This is the largest and highest-resolution magnetic survey completed in the history of the area.

The magnetic survey follows up on the first three discovery holes at Fredrikssons Gruvan, drilled in the winter of 2021, three holes intersected significant mineralized widths ranging from 8.15 to 13.6 metres of precious and base metal (see [Figure 1](#)) massive and semi-massive sulphide mineralization, within a geological setting unique to mineralization belonging to the Type ("BHT") clan of silver rich zinc-lead ore deposits.

"The preliminary results of this large ground based magnetic survey are exciting and provide new prospective on the potential for additional BHT mineralization" stated Patricio Varas, Executive Chairman. "This high-resolution magnetic survey allows us to identify magnetite-rich bands of sedimentary rocks that we know are associated with BHT mineralization which we will refine in the coming weeks and use to guide additional exploration drilling at Fredrikssons Gruvan".

Significant drill intercepts (see News Release dated March 1, 2021) by Norden Crown demonstrate that silver-lead-zinc mineralization is spatially associated with magnetite-rich chemical sedimentary rocks, which are highly magnetic and can be tracked effectively in the surface and subsurface using a ground magnetic geophysical survey (Figure 1). Norden Crown is currently interpreting the newly collected magnetic data to enhance the surface and subsurface geological understanding of Fredrikssons Gruvan and track high priority magnetite-bearing rocks which may be associated with silver-lead-zinc potential across the project (Figure 1).

About The Fredrikssons Gruvan Mine

Fredrikssons Gruvan was discovered in 1976 by LKAB Prospektering AB. Exploration was carried out in 1976 and 1977 through surface trenching, sampling and 9 diamond drill holes which identified precious metal enriched base metal mineralization. LKAB Statsgruvor (ABS) acquired the Fredrikssons Gruvan prospect and conducted open pit test mining in 1978. Test mining was conducted to a depth of 20 metres below surface and produced 21,500 tonnes grading 53 g/t silver, 5.13% zinc and 1.7% lead and to a depth of 20 metres. A total of 11 additional holes were drilled in 1979 to test the down plunge extent of mineralization. Between 1980 and 1981 mining activities resumed and an underground tram was installed. A total of 45,000 additional tonnes of ore grading 49 g/t silver, 5.77% zinc and 1.84% lead were produced from workings that extend to a depth of 91 metres (4 underground levels)¹.

Drilling at Fredrikssons Gruvan

The three discovery drill holes (see Figure 1) (totaling 569 metres) completed at Fredrikssons Gruvan were part of an overall 2,365.6 metre, diamond drill program completed at the Company's 100%-owned Gumsberg Project, located in the Bergslagen Mining Region of southern Sweden. The objective of the drill program was to demonstrate that mineralization continues beyond the historical mine workings, which extend to 91 metres below surface. The program was also designed to confirm historical silver-zinc-lead grades, thicknesses, and to test the continuity of this mineralization. Holes GUM-20-09 and GUM-20-10 are positioned 30 metres down plunge of the historical underground workings and are spaced 40 metres apart. Hole GUM-20-10 is 60 metres below the historical workings (see Figure 2). Assay results from the program are presented in Table 1.

Drill Hole	Prospect Name	From (metres)	To (metres)	Length (metres)	Zinc (%)	Lead (%)	Silver (g/t)
GUM-20-09	Fredrikssons Gruvan	123.70	134.05	10.35	5.24	1.84	43.86
GUM-20-10	Fredrikssons Gruvan	134.90	148.50	13.60	6.05	1.39	43.20
GUM-20-11	Fredrikssons Gruvan	151.85	160.00	8.15	3.83	0.50	18.13

Table 1. Results from drilling at Fredrikssons Gruvan⁴.

Magnetic Survey Parameters and Specifications

The area of interest for the ground survey was planned with the Fredrikssons mine as a central focus of the survey area. The survey was completed with 25-metre spaced northwest-southeast oriented survey lines, perpendicular to the regional magnetic trend at Gumsberg West. The total survey duration was 7 weeks and was concluded on April 2, 2022.

The ground survey utilized GEM Systems GSM-19 (Overhauser) magnetometers both for the base station and for the survey sensor.

About Norden Crown Metals Corp.

Norden Crown is a mineral exploration company focused on the discovery of Zinc, Copper, Silver, Gold, Cobalt, and Nickel deposits in exceptional, historical mining project areas spanning Sweden and Norway. The Company aims to discover new economic mineral deposits in known mining districts that have seen little or no modern exploration. The Company is led by an experienced management team and technical team, with successful track records in mineral discovery, mining development and finance.

References

1. Edberg, L., and Flood, B. (1982). SLUTRAPPORT FRAN DIAMANTBORRNINGARNA VID FREDRIKSSONGRUVAN (GYLLINGEN) 1981/1982©. Rapport Grb 262. Sveriges geologiska undersökning (SGU) (Geological Survey of Sweden).
2. Geijer, P., and Magnusson, H. (1944). De Mellansvenska Järnmalmernas Geologi. Ca 35. Sveriges Geologiska Undersökning (SGU) (Geological Survey of Sweden). p468.
3. SGU Drillcore Archive Malå. Norbo. Archive 2. Boliden (1965). ObjectID: 9046-9056.
4. See [Norden Crown Metals Corp.](#) News Release dated March 1, 2021.
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6. Fredrikson, G. (1978). Zink-Bly-Mineraliseringen vid Gyllingen. Rapport Grb 36. Sveriges Geologiska Undersökning (Geological Survey of Sweden). p39.

Qualified Person

Daniel MacNeil, P. Geo, a Qualified Person as defined by National Instrument 43-101, has read and approved all technical and scientific information related to the Gumsberg project contained in this news release. Mr. MacNeil is Vice President Exploration for Norden.

On behalf of [Norden Crown Metals Corp.](#)

Patricio Varas, Chairman and CEO

