

Norra Metals Completes Geophysical Airborne Survey at Meråker Project, Norway

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VANCOUVER, April 20, 2022 - [Norra Metals Corp.](#) ("Norra" or the "Company") (TSXV: NORA) (Frankfurt: 1KO) (OTC: [NORAF](#)) is pleased to announce that it has completed ~1054-line kilometers, or 219 Km², corresponding to 100% property coverage of the airborne magnetic, electromagnetic and radiometric survey over the area of the Meråker Project ("Meråker" or the "Project") in Norway. The objective of the survey was to obtain a dense high resolution magnetic, electromagnetic and radiometric dataset for the Meråker area merging the reprocessed 1991 data in conjunction with this new survey. The final dataset results of a 100% coverage that will aid in general understanding of the regional geology of the area as well as better definition of the previously selected targets and identify new ones.

The Meråker survey was done under the same agreement between Norra Metals and NGU (Norwegian Geological Survey) as the Bleikvassli Project (see news release of April 12, 2022).

The survey was flown by NGU with a 200m line spacing with 90° azimuth. The average speed was 109 km/h and height was 1000m. The magnetic probe was a fluxgate magnetometer and the electromagnetic probe was 45.3m and for the spectrometer was 75.3m. NGU had flown over the area in 1991 (~4250-line kilometers or 850 Km², 90° azimuth, 200m line spacing) and the new flight was intended to intercalate new lines with old ones in a way to increase data density and resolution (Figure 1). The magnetic and radiometric data from 1991 were merged with the data from 1991, except the electromagnetic survey due to the different type of instruments and incompatible frequencies.

Figure 1. - Meråker survey area with flight paths

Mr. Paulo Nuno de Sá Caessa, EurGeol., VP Exploration, stated, "The acquisition of high-quality and high-density geophysical data is particularly important for Meråker project because it covers the entire area of the project and fills the gap of absence of geophysical surveys for several decades. The future data processing with techniques suitable for understanding the regional geological setting, structural and mineralization controls will aid to define geophysical targets and/or enhance the previous selected ones."

Airborne Survey Technical Parameters

NGU used a modified Hummingbird electromagnetic and magnetic system installed in a Eurocopter AS350-B3 (LN-OS) helicopter designed to obtain low level, low speed detailed airborne magnetic and electromagnetic data. The system was supplemented with a dual channel gamma ray spectrometer to acquire radiometric data. The instrument specifications are listed in Table 1.

The magnetic data were recorded at 0.2 second intervals resulting in approximately 6m average point spacing. The data were inspected and spikes were removed and after several corrections were applied before gridding.

The electromagnetic data were recorded at 0.1 second intervals resulting in data with a sample increment of 3m along the flight line. The electromagnetic system transmits five fixed frequencies and records an in-phase and a quadrature response from the four coil sets of the system. The received signals were processed and used for computation of an apparent resistivity.

The radiometric data were recorded at every 1 second intervals giving a point spacing of approximately 30.3m. The radiometric data were processed using standard procedures recommended by International Atomic Energy Association (IAEA).

For quality control, the surveys, altitude and navigation data were monitored on four separate windows in the operator's cockpit during the flight while they were recorded in three streams to the PC hard drive.

The above parameters allow for recognizing sufficient details in the data to detect subtle anomalies that may represent mineralization and/or rocks of different composition.

Table 1. Instrument specifications

INSTRUMENT	PRODUCER/MODEL	ACCURACY/SENSITIVITY	SAMPLING FREQUENCY
Magnetometer	Scintrex Cs-2	<2.5nT through Range /0.0006nT ?Hz rms	5 Hz
base magnetometer	GEM GSM-19	0.1 nT	3 s
Eletromagnetic	Geotech Hummingbird	1-2 ppm	10 Hz
Gama spectometer	Radiation solutions RSX-5 1024 ch's, 16 litres down, 4 litres up		1 Hz
Radar altimeter	Honeywell/KRA-10A	±5ft 40-100 ft; ±5% 100-500ft; ±7% 500-2500ft 1 Hz	
Pressure/temperature	Honeywell PPT	±0.03% FS	1 Hz
Navigation	Topcon GPS-receiver	±5 meters	1 Hz
Acquisition Qualified Person	NGU custom software		

Mr. Paulo Nuno De Sa Caessa, EurGeol., VP Exploration, who is the Qualified Person for [Norra Metals Corp.](#) and responsible for the technical content of this news release.

About Norra Metals

[Norra Metals Corp.](#) (TSX-V: NORA) (FSE: 1KO) (OTC: NRRMF) is a Canadian-based precious and base metals exploration and development company. The Company's Norwegian assets include the past-producing Bleikvassli polymetallic, zinc-copper-lead-silver underground mine and the high-grade Meråker copper-zinc-gold exploration project. The Company also holds a 100% interest in the Pyramide porphyry project located in Northwest British Columbia. For more information, please visit www.norametals.com.

ON BEHALF OF THE BOARD OF [Norra Metals Corp.](#)

Per: "Minaz Devji"
Minaz Devji, CEO and Director

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