

## NORONT

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### NORONT'S NEW NICKEL/COPPER DISCOVERY

#### DOUBLE EAGLE PROJECT, JAMES BAY LOWLANDS, ONTARIO

**TORONTO, ONTARIO September 10 , 2007 Noront Resources Ltd. ("Noront") (TSX Venture: NOT)** is pleased to announce partial assay results from the first hole of the diamond drilling program started on August 24, 2007 on recently optioned claims where Noront is earning a 100 % interest, subject to royalties, on the Company's Double Eagle project located in James Bay Lowlands, northeastern Ontario. (See press release dated May 27, 2007 for details of this agreement.)

#### HIGHLIGHTS

- Hole NOT-07-01 partial assay results, 36 meters averaging 1.84% nickel, 1.53% copper, more results to follow
- Hole NOT-07-05 encounters massive chalcopyrite (copper sulphide), pyrrhotite (iron +/- nickel sulphide) and pentlandite (nickel sulphide) over 65.2 meters

As reported on August 28, 2007, the first hole of drill program NOT-07-01 intersected visible copper sulphide mineralization (chalcopyrite) in a peridotite geological setting. Management also alluded to nickel in a magmatic setting; the presence of significant nickel in this mineralizing system has been confirmed, along with significant copper. The initial hole was drilled at -45 degrees and intersected the main part of the mineralization between 56 meters to 82 meters. The tenor of mineralization slowly waned beyond 82 meters to 122 meters downhole. Assays have been received for the first 26 samples from this hole that were selected between 55 meters and 92 meters, with additional sample results to follow. **The hole averages 1.53 % copper and 1.84 % nickel over 36 meters between 56 and 92 meters downhole, being only the upper portion of the observed mineralized section.** As stated in the earlier release, the observed mineralization continued beyond this "RUSH" sample interval to 122 meters, assays are pending for the remainder of this hole.

Three additional holes have been completed on the Double Eagle project. Hole NOT-07-02 as previously announced (August 29, 2007) was drilled from the same drill collar location as hole NOT-07-01 with an initial dip of -65 degrees. This hole entered the mineralized zone at 91.3 meters core length, undercutting hole NOT-07-01. The hole intersected 72.9 meters of mineralization, the overall tenor of mineralization in the second hole is similar to that of the first hole, however a massive section of pyrrhotite and chalcopyrite over 1.93 meters (104.67 to 106.6) has been observed in the second hole and was not seen in the first hole.

Hole NOT-07-03 was positioned 100 meters to the northeast of the first two holes. The hole failed to intersect the mineralized zone and was in granodiorite for the entire length. The hole was designed to test the northeastern extension of the anomaly to the southwest. It is now interpreted that this hole undercut the mineralized zone observed in the first two holes.

Hole NOT-07-04 was positioned 100 meters to the southwest of the first two holes, this hole also failed to intersect the mineralized zone and was in granodiorite for the entire length. The electromagnetic and magnetic anomaly location that this hole was based upon was interpreted as the southwestern extension of the anomalies associated with Holes NOT-07-01 and 02. It is now interpreted that this particular hole overcut

the sulphide mineralization.

**Hole NOT-04-05, observed to be the most significant hole to date**, was positioned 50 meters to the northeast of Holes NOT-07-01 and 02 and was drilled vertically at the peak of a magnetic anomaly to ascertain the magnetic body's more precise location. After 6 meters of overburden and one meter of limestone, peridotite with interstitial chalcopyrite, pyrrhotite and pentlandite was encountered to a core depth of 47.4 meters. Between 47.4 and 112.6 meters massive chalcopyrite, pyrrhotite and pentlandite was observed. Then from 112.6 to 123.3 meters peridotite with interstitial chalcopyrite and pyrrhotite was observed. Between 123.3 and 124.4 meters, another massive section of chalcopyrite, pyrrhotite and pentlandite was observed. The hole then remained in peridotite until 127.4 meters core length, then entered granodiorite until the end of the hole at 143.4 meters.

True width of the latter intersection is not yet known. Hole NOT-07-05 was drilled down dip, returning core length intersections not representing true width. The positioning of the first 5 drill holes completed to date, was based upon the ground magnetic and horizontal loop electromagnetic geophysical surveying completed during 2004 and early 2006, as required for assessment filing purposes by the previous owner of the subject property. In light of a recent site visit by Noront management, where the overall project was reviewed and the core underwent thorough examination, the observed geological features in the core combined with additional ground magnetic surveying completed on the existing lines, have resulted in a possible new interpretation of the attitude of the sulphide occurrence, that is currently being tested. Geophysical survey will continue on existing and new grid lines to facilitate a more detailed interpretation of the sulphide target.

The aforementioned sample information, as well as geological descriptions are taken from drill logs as prepared by site geologist, and I.Q.P. for the drill program, Dr. Howard Lahti, P.Geo., of Fredericton, New Brunswick. Billiken Management Services Inc. is providing all services on sight for the Noront Double Eagle Project, from their base camp at MacFaulds Lake. The first 10 samples from Hole NOT-07-01 were selected, and sealed and readied for immediate shipment to ALS Chemex laboratory in Thunder Bay Ontario. Shortly thereafter it was decided that the first 26 samples should all be sent for "RUSH" assay. The remaining samples in this hole will undergo normal assay techniques, results will be released as soon as they are available.

All samples reported upon herein were selected by Howard Lahti and were cut in half by diamond core saw. Individual samples were labeled, placed and sealed in plastic sample bags. Groups of samples were then placed into durable rice bags that were secured by project security tags and then placed into plastic pails for shipping. Plastic pails were delivered via bonded carrier to ALS Chemex's sample preparation laboratory in Thunder Bay, Ontario. All samples were then crushed and pulverized, then sample pulps were sent to ALS Chemex Laboratory in Vancouver B.C. for analysis, remaining coarse reject portion of the samples remain in storage at the ALS Chemex storage facility in Thunder Bay. In Vancouver, the samples underwent multi-element analysis using ALS Chemex assay procedure ME-MS61, when samples received over-limit values they underwent further analysis using ALS Chemex assay procedure Cu-OG62 (for copper) and Ni-OG62 (for nickel). The reader is referred to: [www.alschemex.com](http://www.alschemex.com) for details of analytical procedures.

A quality control and quality assurance (QC/QA) program designed by P & E Engineering of Brampton, Ontario including all of their recommended procedures, is now being used during the sampling of the drill core. Management of Noront is satisfied that this very thorough QC/QA protocol will guarantee quality assay results.

Richard Nemis, president and CEO of Noront states: "During a recent site visit by senior management of Noront to review the Double Eagle project, management is very pleased with the progress and recognizes that this project will be another of Noront's outstanding portfolio of excellent properties. We look forward to continuing with excellent results from the McFaulds Lake area as the drilling program continues."

This press release includes certain "Forward-Looking Statements" within the meaning of the US Private Securities Reform Act of 1995. Other than statements of historical fact, all statements are "Forward-Looking

Statements” that involve such various known and unknown risks, uncertainties and other factors. There can be no assurance that such statements will prove accurate. Results and future events could differ materially from those anticipated in such statements. Readers of this press release are cautioned not to place undue reliance on these “Forward-Looking Statements”.

This press release has been prepared by management of Noront Resources Ltd., it has been approved for dissemination by Howard Lahti Ph.D, P.Geo., an Independent Qualified Person under Canadian Securities guidelines.

Noront is a tier 2 junior resource company on the TSX Venture Exchange, trading symbol NOT, with 90,300,807 shares issued to date.

*Investors are invited to visit the Noront Resources IR Hub at [www.agoracom.com/IR/Noront](http://www.agoracom.com/IR/Noront) where they can post questions and receive answers or review questions and answers already posted by other investors. Alternatively, investors are able to e-mail all questions and correspondence to [NOT@agoracom.com](mailto:NOT@agoracom.com) where they can also request to be added to the investor e-mail list to receive all future press releases and updates in real time.*

For further information, please contact Richard Nemis at 416-864-1456, or visit the Company’s web site [www.norontresources.com](http://www.norontresources.com)

ON BEHALF OF THE BOARD OF DIRECTORS

“R. Nemis”

President and Chief Executive Officer

The TSX Venture Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of this release.