



NORTHERN SUPERIOR RESOURCES INC.

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NEWS RELEASE - For Immediate Release

NORTHER SUPERIOR DRILLING EXPANDS CROTEAU EST GOLD DISCOVERY WITH GRADES UP TO 8.16g/t GOLD OVER 19.55m

Sudbury, Ontario (June 11, 2012) Northern Superior Resources Inc. (“Northern Superior” or the “Company”) has further defined and expanded its Croteau Est gold discovery, west central Quebec. The Company’s early stage exploration drill program (29 holes/7,644 metres) has defined a mineralized deformation and alteration corridor with a present strike length of 1000 m and ranging in width between 50 to 150 m (Figure A). Within this alteration corridor 4 distinct gold-bearing mineralized zones are being defined (Figure B). The most interesting zone named “Marco”, has returned grades ranging up to 8.16 g/t gold over 19.55m in drill hole CRO12-10.

Three dimensional geological modeling based on trenching and channel sampling, mapping of surface exposures, detailed drillcore logging, structural measurements, assay results, and the distribution of alteration assemblages show that the four gold mineralized zones identified form discrete steeply dipping, to subvertical sheet like bodies that *are open at depth and to the east*. Based on receipt of the positive assay results, the Company will expand the 2012 drilling program to further define and expand the four known mineralized zones to the east along strike, and below 150 m depth. This delineation drilling program was initiated on June 04, 2012.

In support of NSR’s plan to develop a resource at Croteau, SRK Consulting have been contracted to: (a) undertake a structural mapping exercise to expand the presently defined mineralized zones; (b) complete a 43-101 technical report following the completion of the 2012 drilling, trenching and stripping; and (c) to provide ongoing geotechnical support.

In addition, preliminary interpretation of the Company’s proprietary airborne geophysical data identified additional shear zone targets on the property. Additional mineralized shear zones have been discovered within a number of trenches. These shear zones and geophysical targets will be fully evaluated through a comprehensive exploration program this summer.

Dr. T.F. Morris, President and CEO of Northern Superior states: “Obviously we are thrilled with these very early stage results. To take Croteau Est so quickly from discovery to one that is poised to potentially define a resource in 2013 is extremely exciting. Croteau Est is a significant gold discovery in the proven Chibougamau mining camp, Quebec. From initial discovery in 2011, to initiating delineation drilling in 2012 that will be used to support planned resource definition work in 2013 is a testament to the quality of this project and the high level of expertise and competence of Northern Superior staff and consultants engaged in this exploration and evaluation program. The recent option agreement with Murgor Resources Inc. (see press release June 7, 2012) to acquire a 70% interest in the adjoining Waconichi gold property was a strategic and important property acquisition for Northern Superior Resources Inc., as structures associated with the mineralized deformation and alteration corridor on

Croteau Est likely extend onto the Waconichi gold property, potentially hosting additional deformation and alterations zones.”

Northern Superior operates the Croteau Est property under an option agreement (see press release, August 23, 2011).

The Company’s Qualified Persons (“QP”) for the Croteau Est gold property are Donald Boucher, P.Geo., Michel LeBlanc, P.Geo. and Casey Hetman, P.Geo. As QP’s, Mr. Hetman, Mr. LeBlanc and Mr. Boucher have prepared or supervised the preparation of the scientific or technical information for this program and have verified the data disclosed in this press release.

Figure A. Geological model of the Croteau Est mineralized deformation and alteration corridor. This corridor presently has a defined strike length of 1000 m and ranging in width between 50 to 150 m. Drill holes and collars represented by black lines and open circles.

Figure B. Geological model illustrating the four gold-bearing mineralized zones. These zones are open at depth and to the east. Drill holes and collars represented by black lines and open circles.

About Northern Superior Resources Inc.

Northern Superior is a junior exploration company focused on exploring for gold in the Superior Province of the Canadian Shield. The Company's primary goal is to advance its Croteau Est gold property in Quebec and the Company is well funded for this endeavor. The Company has a number of 100% owned properties (see Company website, www.nsuperior.com) that were identified and developed from the Company's extensive geoscientific data base, and from which promising gold exploration projects are being generated. The Company is seeking to option-out a number of these properties. Northern Superior is a reporting issuer in British Columbia, Alberta, Ontario and Quebec, and trades on the TSX Venture Exchange under the symbol SUP.

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For Investors

Forward looking statements: This news release includes certain “forward-looking information” within the meaning of Canadian securities legislation and “forward-looking statements” within the meaning of the United States Private Securities Litigation Reform Act or 1995 (collectively, “forward looking statements”). Forward looking statements include predictions, projections and forecasts and are often, but not always, identified by the use of words such as “seek”, “anticipate”, “believe”, “plan”, “estimate”, “forecast”, “expect”, “potential”, “project”, “target”, “schedule”, “budget” and “intend” and statements that an event or result “may”, “will”, “should”, “could” or “might” occur or be achieved or other similar expressions and includes the negatives thereof. All statements other than statements of historical fact included in this release, including, without limitation, statements regarding potential mineralization,

exploration results, interpretation of results, the timing and success of exploration activities generally, the timing and results of future resource estimates, and future plans and objectives of Northern Superior are forward-looking statements that involve various risks and uncertainties. There can be no assurance that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. Forward looking statements are based on a number of material factors and assumptions. Important factors that could cause actual results to differ materially from Northern Superior's expectations include exploration risks, changes in project parameters as plans continue to be refined, results of future resources estimates, future metal prices, availability of capital and financing on acceptable terms, general economic, market or business conditions, uninsured risks, regulatory changes, defects in title, availability of personnel, materials and equipment on a timely basis, accidents or equipment breakdowns, delays in receiving government approvals, unanticipated environmental impacts on operations and costs to remedy same, and other exploration or other risks detailed herein and from time to time in the filings made by the Company with securities regulators. Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ from those described in forward looking statements, there may be other factors that cause such actions, events or results to differ materially from those anticipated. There can be no assurance that forward looking statements will prove to be accurate and accordingly readers are cautioned not to place undue reliance on forward looking statements.

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

Figure A

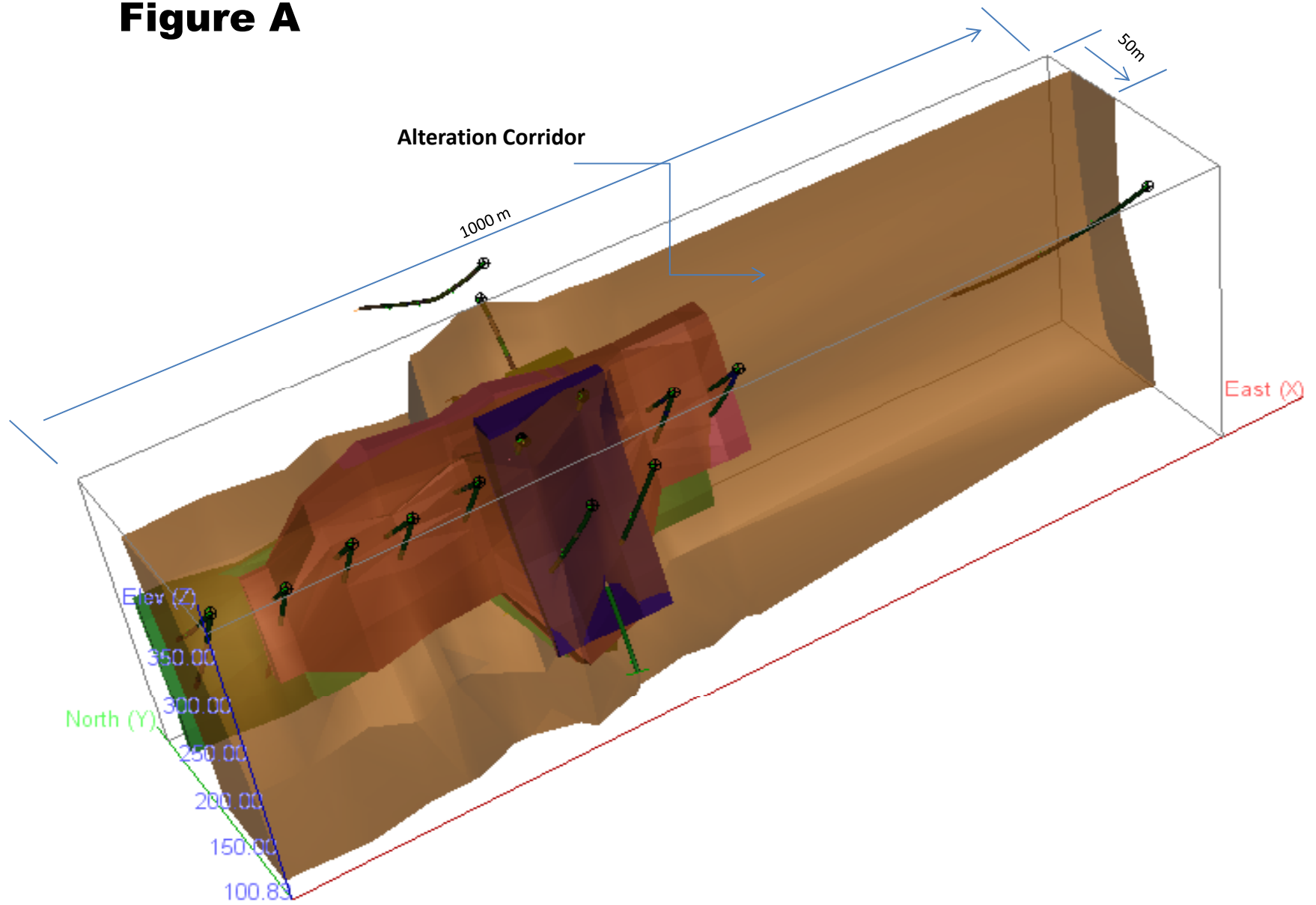


Figure B

