

Sudbury, Ontario (FSCwire) - [Northern Superior Resources Inc.](#) (Northern Superior; or the Company) (TSXV: SUP) (OTCQB: NSUPF), is pleased to report on several key observations made and milestones achieved during the August exploration program completed on its 100% owned Ti-pa-haa-kaa-ning (TPK) gold-silver-copper property in northwestern Ontario.

Highlights include:

1) The re-logging and re-interpretation of data from nine previously drilled core samples from exploration programs undertaken in 2010 and 2012 (2,372m, see Figure 1), revealed several new and important factors, including:

a) an important section of mineralized core which had not been previously recognized in hole TPK10-003, was subsequently split and submitted for assay. This interval represented the up-dip extension of mineralized shear zone identified in TPK10-004 that assayed 25.9g/ t gold over 13.5m. With the recently completed re-logging of the drill core, this section of mineralized core demonstrates a much wider shear zone and potentially broader envelope of gold mineralization, than previously thought;

b) new observations from six core holes (TPK10-003/ 004/ 005; TPK11-13/ 14/ 19) associated

with Target Three; (see Figure 1) confirm that a gold-bearing shear zone, which forms an important control on gold mineralization in this area, is now determined to be oriented steeply-dipping to the north to vertical.

c) additionally, the strike of the shear zone, determined from careful measurement of structures within the core, changes from east-northeast to west. This important zone of mineralization is thought to be hosted within a dilatational bend in the shear zone and as such led to the misinterpretation of the actual trend of the gold-bearing structure from discovery hole at TPK10-004.

d) new observations of the re-logged holes confirmed that intervals in the drill core

previously logged as fracture zones, post-date the mineralizing event and are unrelated to

fracturing as an emplacement mechanism for gold in the core. Gold emplacement is related to

shearing observed within the core.

2) Review of previous drill collar locations revealed that the majority of drill targets were not up-ice of the center of the anomaly, but rather at the centre of gold grain-in-till anomalies (>90% of targets drilled), and that the use of other targeting information, such as ground induced polarization (IP) data, could have assisted in targeting potential mineralization.

3) Prospecting and boulder sampling programs were successfully completed in both the Annex (189) and TPK parts of the property (246). Once received, assay results from this effort will assist in further refining core drill targets.

4) Till sampling (290 samples, submitted for heavy mineral and geochemical analysis) within the Annex

area of the property will also assist in further refining core drill targets in this area of the property.

Dr. T.F. Morris, President and CEO of Northern Superior states: *We are very pleased at the significant progress made with this latest exploration effort on the TPK property. Observations have clarified our understanding on controls of gold emplacement, and we expect that the results from the latest material sampling and prospecting programs will assist us to better refine mineral targets.*

Mr. Dan Meldrum, the Company's new Vice- President of Exploration states: *Being new to this project, I was surprised to see how much new and positive information could be derived from the re-evaluation of results from previous drill programs. This provides us with an opportunity to establish quality mineral targets through re-interpretation and integration of all geoscientific data. Intercepts of 26.9 g/t gold over 13.5m and 749 g/t gold over 0.3m in the first few rounds of drilling a blind deposit are very, very rare. We are looking forward to the next round core drilling.*

About Northern Superior Resources Inc.

Northern Superior is a reporting issuer in British Columbia, Alberta, Ontario and Québec, and trades on the TSX Venture Exchange under the symbol SUP, and the OTCQB Venture Market under the symbol NSUPF. The Company is currently

focused on exploring its 100% owned Croteau Est (Quebec) and Ti-pa-haa-kaa-ning (Northwestern Ontario) properties. Northern Superior is currently looking to option out its other 100% owned mineral properties in Quebec and Northwestern Ontario.

Qualified Person

The Company's Qualified Person (QP) for the TPK property is Ron Avery (P.Geol.). As the QP for the TPK project, Mr. Avery has approved information disclosed in this press release.

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To view the graphic in its original size, please click here

Figure 1. Location of core holes from the 2010- 2012 exploration programs, selected for re-logging

within Target areas 1- 3.

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