



NORTHERN IRON CORP. INTERSECTS 77.5 METRES IRON MINERALIZATION GRADING 30.93% Fe₂O₃ and 90.5 METRES GRADING 29.64% INCLUDING 12 METRES AT 47.57% Fe₂O₃ ON THE KARAS PROPERTY

Vancouver, British Columbia, Canada – September 6, 2011

Northern Iron Corp. (TSX-V: NFE) (“Northern Iron”, or the “Company”) today released assay results for the first 3 drill holes on the Karas property.

To date, 15 drill holes have been completed of the planned 30 drill holes (approximately 10,000 metre program) on Northern Iron’s 100% owned Karas property located 15km northeast of the town of Ear Falls, Red Lake mining district, Ontario. The 10,000 metre drill program is being completed to define a mineral resource on the property by the end of 2011.

“We are extremely pleased with the results of the first three drill holes on the Karas property, which gives management an indication that the resource is open at depth. The management team is delighted with all the hard work the exploration crews completed in the 2010 season to define the potential of a significant resource on the Karas property and we eagerly await further results,” said Basil Botha, President & CEO.

Highlights of the first three holes are summarized in the table below.

Hole KA-11-01				
	From	To	Interval	Fe ₂ O ₃ %
	35	84.23	52.85	33.01
including	35	53	18	35.32
including	65	84.23	19.23	35.8
and				
	137.3	214.78	77.5	30.93
including	137.3	154	16.72	36.97
	203	214.78	11.78	35.51
Hole KA-11-02				
	From	To	Interval	Fe ₂ O ₃ %
	5	38	33	34.61
including	14	37	23	36.74
and				
	102	167.45	61	32.87
including	104	128	24	35.82
	145.5	167.45	22	33.83
and				



	170.3	245	66.75	32.15
including	170.3	188	17.75	34.38
including	205	214	9	43.3
and				
	250	276.5	26.5	32.07
and				
	301	312	11	30.72
Hole KA-11-03				
	From	To	Interval	Fe2O3 %
	32	128.5	90.5	29.64
including	43	64	21	36.63
including	67	76	9	35.83
including	86	94.62	8.62	38.47
and				
	137	178.2	41.2	37.78
including	140	152	12	47.57
including	140	143	3	50.9
and				
	195	246.5	51.5	29.18

A promising tightly folded iron formation of the Algoma type (Magnetite-Taconite) was interpreted from historic airborne geophysics (magnetometer) in the vicinity of Emarton Lake, immediately west of the South Bay road. A detailed ground magnetometer survey was completed by Northern Iron during the summer of 2010 and tested by one single drill hole during the fall of the same year.

The extensive airborne magnetic anomaly was better defined by the interpretation of the information gathered during the ground magnetic surveys, and produced a target of about 500x500m indicating a tight isoclinally folded banded iron formation (BIF), the same iron formation that was mined at the Griffith Mine only 16km to the West.

The size and the geometry of the iron formation, combined with the results obtained during the 2010 drill program indicate the potential of a minable ore body within the Karas property.

The drill program follows fences of drill holes collared 160 degrees (perpendicular to the fold axes that strike NE-SW with a northerly dip), spaced 50m along the drill sections.



Karas Property QA/QC

All 2011 drill holes were surveyed using a Reflex Maxibor II probe to monitor drill hole deviations in magnetic disturbed environments. Northern Iron's personnel were trained "on-site" by Reflex personnel to operate the instrument and process the survey data. All collars are surveyed by Northern Iron's personnel using an APS differential GPS with 3cm accuracy immediately after the holes are completed. The QA/QC protocol system employed during the 2011 exploration program included procedures for monitoring the chain-of-custody of samples and the insertion of blank samples in every batch of samples. Cross-check analyses are planned to be conducted at a second external laboratory from blind duplicate samples. Drill core samples are being prepared at SGS Canada Inc. in Red Lake, Ontario and assayed at SGS Canada Inc., in Lakeview, Ontario.

Raul Sanabria, P. Geo., is the Qualified Person for the purposes of National Instrument 43-101 for the Karas Exploration Project. Mr. Sanabria has verified and approved the contents of this news release.

About Northern Iron Corp.

The Company is a mineral resource company engaged in the exploration of high quality iron ore in the Red Lake mining division, district of Kenora, Ontario, Canada. The Company holds 100% interest in minerals claims covering approximately 14,672 hectares, comprised of the El Sol Property, the Griffith Property, the Karas Property, the Papaonga Property and the Whitemud-Slate Property.

Cautionary Statement

The foregoing information may contain forward-looking statements relating to the future performance of the Company. Forward-looking statements, specifically those concerning future performance, are subject to certain risks and uncertainties, and actual results may differ materially from the Company's plans and expectations. These plans, expectations, risks and uncertainties are detailed herein and from time to time in the filings made by the Company with the TSX Venture Exchange and securities regulators. The Company does not assume any obligation to update or revise its forward-looking statements, whether as a result of new information, future events or otherwise.

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For further information, please contact:

Basil Botha
President & CEO
Northern Iron Corp.

Tel: 604-566-8570

Fax: 604-602-9868

Email: bbotha@northernironcorp.com