

# NORTHERN ABITIBI MINING CORP.

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NAI:CDNX



10016459

October 5, 2010



United States Securities  
& Exchange Commission  
Washington, DC  
20549  
USA

# SUPPL

Dear Sirs:

RE: Foreign Private Issuer Exemption File No. 82-4749  
News Release Dated October 5, 2010

Please find enclosed 3 copies of the news release listed above.

Yours very truly,

NORTHERN ABITIBI MINING CORP.

Barb O'Neill

*Handwritten signature/initials*  
10/20

**NORTHERN ABITIBI MINING CORP.**SUITE 500, 926-5<sup>TH</sup> AVENUE S.W., CALGARY, ALBERTA, T2P 0N7  
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NEWS RELEASE

OCTOBER 5, 2010

News Release: 10-19

Trading Symbol: TSX Venture-NAI

For Further Information Contact: **Shane Ebert at 1.250.964.2699 or  
Jean Pierre Jutras at 1.403.233.2636  
Web: <http://www.naminco.ca>****NORTHERN ABITIBI INTERSECTS 124.8 GRAMS PER TONNE GOLD OVER 0.5 METRES  
AND 0.7 GRAMS PER TONNE GOLD OVER 65.8 METRES**

Northern Abitibi Mining Corp. ("Northern Abitibi") is pleased to provide assay results for drill holes 86 and 87 from its ongoing drill program at the Viking gold property in Newfoundland along with new metallic screen analyses.

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**Current Drill Results**

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Drill hole 87 tested the central part of Thor's Cross and intersected a 50.5 metre wide zone of alteration and anomalous gold mineralization with a maximum value of 2.9 g/t. The hole returned a 14 metre interval grading 0.7 g/t gold and confirms the large size of the altered zone at Thor's Cross and highlights the exploration potential of the zone.

**Summary of select drill intercepts – Viking Project**

Drill Hole	From (m)	To (m)	Width (m)*	Au g/t
Hole 86	94.8	175.7	65.8 **	0.7
including	134.6	135.0	0.4	10.2
including	174.5	175.7	1.2	5.4
Hole 87	40.0	54.0	14.0	0.7

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**Grade Increases Through Metallic Screen Assays**

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**Summary of select metallic screen gold assays – Viking Project**

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#### **Exploration Update**

Two diamond drills are currently active on the project, one drill is testing the Viking Trend on the west side of the property and the second is testing the Asgard Trend on the east side of the property. To date 5 holes have been drilled on the Viking Trend and all 5 have intersected wide zones of alteration and quartz-sulfide veining. Drill holes 88 to 96 are complete and have been processed and sent to the lab for assay. The drills are currently working on holes 97 and 98. Additional drill results are expected in the coming weeks.

#### **The Viking Property**

The Viking Property contains numerous high grade veins within larger bulk tonnage style zones of gold mineralization located within a 3 to 4 kilometre long gold-in-soil anomaly. Drilling highlights from previous drilling programs include high grade intercepts of 5.75 metres grading 33.7 g/t gold, 3.7 metres grading 50.1 g/t gold, 0.5 metres grading 218.8 g/t gold as well as lower grade intercepts including 27 metres grading 7.9 g/t gold, 23.0 metres grading 5.1 g/t gold, and 57.4 metres grading 2.8 g/t gold. The Viking property is located in the mining friendly jurisdiction of Newfoundland and Labrador and has excellent access and local infrastructure, with a paved highway and power line located less than one kilometre from the project. Northern Abitibi has a 100% property interest in the Viking project subject to a 2% to 4% sliding scale net smelter royalty held by Altius Resources. A detailed description of the Viking project is available on our website ([www.naminco.ca](http://www.naminco.ca)).

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