

Request for Decision

United Townships of Head, Clara & Maria
Municipal Council

Type of Decision									
Meeting Date	Friday, March 8, 2013				Report Date	Wednesday, March-06-13			
Decision Required		Yes	X	No	Priority	X	High		Low
Direction		Information Only		X	Type of Meeting	X	Open		Closed
REPORT TITLE									
Northern Graphite Update Report 08/03/13/1203									

Subject: Northern Graphite Update. The County of Renfrew sent an email with a link to their Facebook Page. From there I obtained the following information and visited Northern Graphites page at <http://www.northerngraphite.com/>.

RECOMMENDATION: For Information Only. Individuals may follow the link below and express their concerns about the Endangered Species List and its challenges and/or benefits.

BACKGROUND/EXECUTIVE SUMMARY: The County Facebook page below contains a summary of an "Endangered Species" meeting which was held at the County of February 22, 2013. Apparently Northern Graphite is having some challenges with environmental issues due to the location of two turtles in the area. This is the text from the County's site...

"\$250,000 for two turtles!!! Biologist Peter Quigley and Northern Graphite Mine's Don Baxter explain how the appearance of two turtles on the Endangered Species List has delayed the opening of mine in Bissett Creek at the cost of \$250,000. They are trying to open the mine to create 70 local jobs. Go to the ERB and write the Ministry of Natural Resources today about the impact of this Act: <http://www.ebr.gov.on.ca/ERS-WEB-External/displaynoticecontent.do?noticeId=MTE4MDY5&statusId=MTc2NzEx> "

The screenshot shows the Facebook interface for the County of Renfrew. The main post contains the following text:

\$250,000 for two turtles!!! Biologist Peter Quigley and Northern Graphite Mine's Don Baxter explain how the appearance of two turtles on the Endangered Species List has delayed the opening of mine in Bissett Creek at the cost of \$250,000. They are trying to open the mine to create 70 local jobs. Go to the ERB and write the Ministry of Natural Resources today about the impact of this Act:

<http://www.ebr.gov.on.ca/ERS-WEB-External/displaynoticecontent.do?noticeId=MTE4MDY5&statusId=MTc2NzEx>

Below the text is a photo of a person, likely Don Baxter, and a link to an album titled "County of Renfrew Endangered Species Meeting".

Additional information from Northern Graphite's Press Releases are included for your information.

Financial Implications/Budget Impact: Information only.

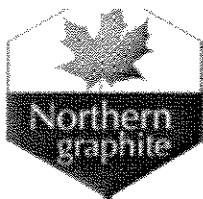
Policy Impact: As per policy.

Approved and Recommended by the Clerk

Melinda Reith,

Municipal Clerk

Melinda Reith



Northern Graphite Awards Detailed Engineering and Design Contract for Bissett Creek

Company implements first phase of bankable Feasibility Study

January 18, 2013 – Northern Graphite Corporation (**NGC:TSX-V, NGPHF:OTCQX**) is pleased to announce that following a competitive bidding process involving five engineering firms, it has awarded a \$3.5 million contract for the detailed engineering and design of the Bissett Creek graphite project to PES-BECMA. PES-BECMA, a joint effort between Porcupine Engineering Services Inc. and BECMA Ltd., will be responsible for the front end engineering and design (“FEED”) of the 2,500 tonne per day processing facility, and related infrastructure, that will produce approximately 20,000 tonnes of large flake, high purity graphite per year.

Gregory Bowes, Chief Executive Officer, commented that: “We are very pleased to be initiating the FEED process which is the first step in implementing the bankable feasibility study (“FS”). It enables us to continue advancing and de-risking the project while maintaining the time line to production, and to solidify our leading position in the industry. While the graphite market has softened in line with slower growth in China and weak economies in the US and Europe, the Company well positioned to benefit from a recovery with the commencement of production scheduled for late 2014”.

The detailed engineering and design phase is expected to take seven months to complete and cost \$3.5 million. It is part of the estimated capital costs for the project of \$102.9 million (including a \$9.4 million contingency). The work will be financed out of the Company’s current cash position.

Northern Graphite Corporation

Northern Graphite Corporation is a Canadian company that has a 100% interest in the Bissett Creek graphite deposit located in eastern Ontario. Northern Graphite is well positioned to benefit from the compelling supply/demand dynamic that has developed in the graphite industry with a high purity, large flake, scalable deposit that is located close to infrastructure. Permitting for construction is expected to be completed in the first quarter of 2013. Additional information on Northern Graphite Corporation can be found under the Company’s profile on SEDAR at www.sedar.com and on the Company’s website at www.northerngraphite.com.

Porcupine Engineering Services Inc.

Porcupine Engineering Services Inc. (“PES”) is a multi-disciplined engineering firm (mechanical, structural, electrical and instrumentation) specializing in engineering and design work for the mining and mineral processing industry. PES is made up of disciplined engineering resources that are accustomed to supporting mineral processing clients from feasibility to the detailed engineering level and through to construction. PES recently completed detailed engineering and design work with respect to a \$100 million mill upgrade for a Canadian gold miner, and also participated in and supported procurement and construction management for the project. Additional information can be found on the Company’s web site at www.pes-inc.ca.

BECMA Ltd.

BECMA Ltd. is a well-established Canadian engineering company specializing in material handling systems in the metallurgical and mining fields and has past and ongoing EPCM experience in the graphite industry.

Don Baxter, P.Eng, President of the Company and a “Qualified Person” under 43-101, is responsible for and has reviewed and approved the technical content of this press release.

This press release does not constitute an offer to sell or the solicitation of an offer to buy securities in any jurisdiction.

For additional information, please contact:

Gregory Bowes, CEO or Stephen Thompson CFO at (613) 241-9959

Don Baxter P.Eng, President (705) 789-9706

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Northern Graphite Successfully Scales Up Graphite Purification Process

Bench scale tests produce 99.99%Cg spherical graphite

November 8, 2012 – Northern Graphite Corporation (**NGC: TSX-V, NGPHF: OTCQX**) is pleased to announce that ongoing metallurgical testing by Hazen Research has succeeded in purifying spherical graphite from the Bissett Creek deposit up to 99.99% graphitic carbon (“Cg”) and large flake graphite to 99.83% Cg. These bench scale tests are the first step in demonstrating that the laboratory process developed by Northern can be scaled to commercial levels.

Hazen Research’s initial mandate was to test the laboratory process developed by Northern’s research partner in Canada, on bench scale models of commercial units. The trials were highly successful in purifying spherical graphite to levels ranging from 99.93% Cg to 99.99% Cg. The requirements of battery manufacturers vary in particle size and purity with the latter specification usually being in the 99.9 to 99.95% Cg range. Large flake graphite was purified to levels ranging from 99.73 to 99.83%Cg with further improvements possible.

The next steps will be to further scale up the process in a Pilot Plant test that will enable Hazen to define operating parameters at a commercial level and to estimate capital and operating costs. As part of this process, Northern and Hazen are presently working with an equipment manufacturer to identify the matching full scale commercial unit that can be modified to suit the process requirements. The ultimate objective is to define a purification process that works not only with spherical graphite for battery use, but also flake graphite and micronized flake graphite for other applications requiring high purity.

Spherical graphite is used to make the anodes in Li ion batteries and is manufactured from the flake concentrate produced by graphite mining operations. Almost all natural spherical graphite is currently produced in China and purified using strong acids which results in large volumes of acidic and toxic waste. Thermal purification at temperatures as high as 2400°C can be used but it is expensive in terms of capital and operating costs. The proprietary purification technology developed by Northern and its metallurgical research partners is much more environmentally friendly than the Chinese approach and operates at significantly lower temperatures than traditional thermal methods. It also involves relatively low retention times in the furnace and will likely be a continuous rather than a batch process. As a result, costs should be significantly lower.

Hazen Research is currently purifying larger quantities of spherical graphite to provide potential strategic partners in the battery industry with samples made from Bissett Creek ore that has been processed using Northern’s commercial mill flow sheet and purified in an environmentally sustainable manner. It has already been successfully tested in batteries at the National Research Council of Canada.

Gregory Bowes, Chief Executive Officer, stated that: “The purification process and the production of spherical graphite are part of the Company’s strategy to create value for shareholders by doing value added and downstream processing in addition to being a mine operator.”

The Graphite Market

Graphite demand and prices have increased substantially over the past few years due to the ongoing modernization of China and other emerging economies which has resulted in strong demand from traditional steel and automotive markets. In addition, Li ion batteries and other new applications such as vanadium redox batteries, fuel cells and nuclear power have the potential to create significant incremental demand growth.

China currently produces over 70% of the world's graphite and an export tax and a licensing system have been instituted to restrict exports and encourage value added processing in China. Recently, the Chinese government proposed a new set of rules and standards for graphite mines which will make them much more difficult to operate and build. These proposals follow calls for REE type protection and quotas from Chinese producers, and the formation of a state owned amorphous graphite monopoly that has acquired and is consolidating 210 amorphous graphite mines down to 20 and reducing production capacity from 600,000 to 510,000 tonnes per year. No new graphite mines were built during the recent economic cycle and the supply situation will become more acute as Chinese restrictions increase and economies recover. Both the European Union and the United States have declared graphite a supply critical mineral.

Northern files revised Technical Report on SEDAR for TSX-V Tier 1 Graduation Application

Northern also announces that in connection with its application to graduate to Tier 1 of the TSX Venture Exchange ("TSX-V"), it has filed a revised technical report on SEDAR with respect to the bankable feasibility study for its 100% owned Bissett Creek graphite deposit. The revised technical report has been filed to correct minor deficiencies in the original report, filed on SEDAR on August 24, 2012, which were identified by the TSX-V in its review of the report in connection with Northern's graduation application. There have been no material changes to the bankable feasibility study or the technical report. Northern's application to graduate to Tier 1 of the TSX-V remains subject to review and approval by the TSX-V.

Northern Graphite Corporation

Northern Graphite Corporation is a Canadian company that has a 100% interest in the Bissett Creek graphite deposit located in eastern Ontario and is well positioned to benefit from the favorable supply/demand outlook for graphite. Northern is the only graphite company to have completed a bankable Feasibility Study and has a large flake, high purity, scalable deposit that is located close to infrastructure with very competitive operating costs. Additional information is available under the Company's profile on SEDAR at www.sedar.com and on the Company's website at www.northerngraphite.com.

Hazen Research

Hazen Research, Inc. was organized in 1961 to provide process research and development services to the extractive metallurgy and chemical industries. Hazen has assembled an experienced and competent staff supported by the laboratory and pilot plant facilities necessary to apply the most appropriate technology to the industrial, commercial, and environmental challenges of their clients.

For additional information, please contact: Gregory Bowes, CEO (613) 241-9959
Don Baxter P.Eng, President (705) 789-9706

Don Baxter, P.Eng, President of the Company and a "Qualified Person" under 43-101, is responsible for and has reviewed and approved the technical content of this press release.

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Northern Graphite Signs Equipment Financing Deal with Caterpillar

January 8, 2012– Northern Graphite Corporation (NGC:TSXV, NGPHF:OTCQX)(the “Company”) announces that it has signed indicative term sheets with Caterpillar Financial Services Corporation (“Cat Financial”) to provide financing for the purchase of up to US\$17.5 million in Cat mining and Cat power equipment for the Company’s Bissett Creek graphite project. Cat Financial has preliminarily indicated its additional interest in participating in a Project Debt Facility, subject to receipt of an Information Memorandum relating thereto and its agreement with the terms and conditions thereof.

The equipment financing facility will cover the cost of the mobile mining fleet and the purchase and installation of natural gas powered generators including the engineering, procurement and construction management related thereto. The Company’s recently completed feasibility study contemplated mining being carried out by an independent contractor. By buying and operating its own mining fleet, the Company anticipates that it will reduce operating costs by in excess of US\$50/t per tonne of concentrate produced. Closing of the financing facilities is subject to customary conditions including due diligence, satisfaction of conditions precedent, internal Cat Financial credit approval and negotiation and execution of definitive legal documentation.

Gregory Bowes, CEO, commented that; “The financing package potentially represents one third of the capital required to develop Bissett Creek and is an important milestone in achieving our goal of financing construction in a manner that minimizes dilution and maximizes shareholder value.”

About Northern Graphite Corporation

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For Additional Information Please Contact:

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Northern Graphite Comments on Market Activity and Provides Corporate Update

December 31 2012 – Northern Graphite Corporation (NGC:TSXV, NGPHF:OTCBB) (the “Company”) announces that it is not aware of any reason for the recent rise in the Company's share price. There are no undisclosed material changes in the affairs of the Company that might have caused an increase.

Gregory Bowes, CEO, commented that; “recent Chinese restrictions on new and existing graphite producers, positive comments by industry analysts and the end of year end tax loss selling may all have had some effect.” He added that: “the next few months will be very busy and we anticipate being in a position to make announcements on:

- approval of the Mine Closure Plan which is the major permit needed to commence construction
- equipment financing
- the commencement of detailed engineering and design
- results from a review of assay procedures and the reasons for a potential grade understatement
- results of the 2012 drill campaign
- a new resource estimate with the objective of upgrading inferred resources to indicated
- guidance on the capital and operating costs of an upgrading facility to produce high purity and spherical graphite
- an update on the bankable feasibility study economics based on the new resource model

Discussions with respect to strategic partnerships and offtake agreements are ongoing.

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