



Northern Graphite Concentrates Reach Nuclear Grade Purity

January 22, 2015, Ottawa, Ontario - Northern Graphite Corporation (NGC: TSXV,NGPHF:OTCQX) is pleased to announce that concentrates from its Bissett Creek deposit have been successful upgraded to the highest nuclear grade classification level using the Company's proprietary purification process. Glow Discharge Mass Spectrometry ("GDMS") analyses demonstrate that Northern's extra-large flake, +50 mesh concentrates have a carbon content of 99.99+% and an Equivalent Boron Concentration ("EBC") less than one (1) ppm when purified with the Company's proprietary process. Purity of 99.97%C and an EBC less than two (2) ppm are required to meet the ASTM Standard Class for high purity nuclear graphite. Northern's process provides an alternative to expensive thermal purification, the environmentally damaging wet chemical approach used in China, and caustic bake which is a lab scale technique not generally used in commercial applications.

Gregory Bowes, CEO commented that: "concentrates from different graphite deposits vary widely in quality and we continue to get third party validation that flake graphite from the Bissett Creek deposit is among the best in the industry." He added that "we believe Bissett Creek is the only project to have demonstrated it is economic at current prices and at production rates that are unlikely to adversely affect the pricing structure of the industry. This is largely due to 90% of production being large and XL flake which will result in prices that are much higher, and marketing risks that are much lower, than other projects."

About Northern Graphite Corporation

Northern Graphite is a graphite development and battery technology company whose 100% owned Bissett Creek project is located in eastern Canada. Bissett Creek provides the Company with a natural competitive advantage in the battery technology field as it has the highest percentage of battery grade material, the highest reported yield on conversion to anode material for batteries and a pristine, highly ordered crystal structure that has the potential to improve battery performance. The Company is leveraging these advantages with proprietary coating and purification technologies to make better and lower cost anode materials and to replace the damaging environmental practices currently used in their manufacture.

Bissett Creek is the most advanced new graphite project with a bankable Feasibility Study and its major environmental permit. The Company believes that it has the best location/infrastructure, the lowest capital cost and the highest operating margin of any new graphite project. Because of Chinese supply problems and the continued rapid growth in new uses such as lithium ion batteries, new western sources of supply are needed, particularly for large and XL flake graphite.

Additional information on Northern can be found at www.sedar.com and www.northerngraphite.com or by contacting Gregory Bowes, CEO or Stephen Thompson, CFO at (613) 241-9959

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