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Grafoid and Focus Graphite: A Global Mine-to-Market Platform for Green Technology

Quality, price and security of supply will be the key drivers of the critical materials market for new energy applications. Those companies that can build a green technology supply platform to serve the global market will be the winners. Focus Graphite Inc. and Grafoid Inc. are doing just that: delivering value-added graphite products and graphene applications to meet the needs of a growing market - with unsurpassed quality, low prices and guaranteed supply for their customers.

Focus Graphite's Lac Knife natural graphite resource, located in northern Quebec, is formally recognized by the province as a key economic development project under Plan Nord's revitalization of the mining sector. Ranked by an independent study as the #1 natural graphite resource in the world, Lac Knife's high-grade (15%), high-purity (98.3%) output will offer one of the lowest costs of production in the world, at \$335/ton. When in operation in 2020, annual production will be approximately 44,300/tpy. Lac Knife's spherical graphite products are unique when compared with other commercial grades of natural flake and synthetic graphite. With the successful purification of its fine flake graphite from to 99.99%, through a proprietary in-house process, all grades are battery quality. Focus is in battery testing programs with a number of potential customers. Over the past two years, an robust battery material testing program has been undertaken which demonstrates the superior quality of Focus's products. It shows extremely low irreversible capacity losses, nearly theoretical reversible capacities, and essentially zero capacity loss in long-term cycling tests. These improved capacities when compared with using synthetic graphite in the anode offer customers competitive advantages.

Focus Graphite owns 18% of Grafoid Inc., a world-leading graphene R&D, applications development and technology licensing company. It produces graphene and processes for transformative, industrial-scale graphene applications in partnership with leading corporations and institutions around the world. Grafoid targets four emerging graphene commercialization sectors: energy creation and storage, composites, coatings and membrane applications and technology. Founded in 2011, and headquartered in Kingston Ontario, Grafoid's Global Technology Centre (GGTC) houses the company's production facilities for Grafoid's proprietary suite of Mesograf™ graphene products, its research facilities in material science applications, and a center for JV application development. Grafoid has two security of supply graphite off-takes in place with Focus Graphite, one known as the "energy" off-take and the other known as the "polymer" off-take.

Together, both companies are poised to supply customers with valued-added graphite and graphene products to serve the Lithium-ion battery needs of EV and energy storage customers.