# **FOCUS** GRAPHITE

### Developing High-Grade Flake Graphite Projects to Supply Top Quality Battery-Grade Graphite for the Green Energy Revolution

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Qualified Person: The included scientific and technical information regarding exploration activities as defined in NI 43-101 s. 1.1, was either prepared, reviewed and/or approved by Marc-André Bernier géo. (QC), P.Geo., (ON), M.Sc., Technical adviser for Focus Graphite Inc. and a Qualified Person under National Instrument (NI) 43-101 guidelines.

All measurements provided in this presentation are in metric units. All monetary amounts are expressed in Canadian dollars (\$) unless otherwise indicated.



The world is poised at the cusp of a green energy revolution, where renewable energy sources are replacing traditional sources of energy, such as oil, coal and gas. One of the major shifts taking place is the replacement of vehicles that run on fuel to zero-emission electric vehicles (EVs).

These EVs require powerful batteries that are made of critical materials that include lithium, cobalt, nickel, manganese and **graphite**.

Graphite makes up <u>more than half</u> of the battery's components, and for EV batteries to be sufficiently powerful to run vehicles, the graphite used for the battery's anode has to be high-quality, with a highly crystalline structure.



# Focus Graphite is developing some of the highest-quality flake graphite properties in the world.

- Located in Quebec, Canada, a top-rated mining jurisdiction
- infrastructure such as roads and low-cost hydroelectricity that make remote mine sites easier and cheaper to access and operate
- Government's \$90 million plan for the development of critical and strategic minerals (CSM) 2020-2025 to encourage the production of materials needed for renewable energy
- a financial assistance program for exploration projects for critical and strategic materials, such as graphite







More than two-thirds of the battery-grade graphite available today comes from China, and there are **no graphite mines in operation in the United States**. North America needs a secure source of high purity large-flake graphite – and Focus Graphite plans to be that source.

We seek to play a key role in supplying the raw materials needed for today's green energy revolution.









- 100% owned, high-grade crystalline flake graphite deposit located in the Côte-Nord district of northeastern Québec, about 27 km south of Fermont.
- A feasibility study prepared by Met-Chem Canada Inc. (now DRA Americas Inc.) in 2014 indicated positive project economics that, at the time, positioned the project as potentially one of the lowest-cost, highest-margin producers of high purity flak graphite concentrate in the world.
- In 2021, Focus commissioned DRA Americas Inc. to update and modify the 2014 feasibility study for the Lac Knife Project and prepare a new NI 43-101 Technical Report – expected end of QI 2022.
- Also currently expediting the completion of the Lac Knife environmental and social impact assessment (ESIA) study, expected for delivery Q2 2022.
- Since 2014, Focus has conducted extensive testing of its Lac Knife flake graphite that shows its superior performance in Li-Ion batteries compared to standard commercial grades of natural and synthetic graphite



- Target: Open pit graphite mine with an average annual production capacity of 44,300 tonnes of graphite concentrate grading an average 96.6 % Cg for all size fractions (98.1% Cg for +200 mesh flake (+75 μm))<sup>1</sup> over a 25-year mine life.
- **Feasibility Study**: the new feasibility study (FS) underway by DRA Americas will incorporate engineering upgrades designed to improve the environmental performance of the project, including:
  - a new tailings, waste rock and water management system for the project, currently being designed by NewFields Canada Mining & Environment
  - use of electric motors instead of combustion engines in mobile equipment

<sup>1</sup>Source: 2014 Lac Knife feasibility study technical report available at www.sedar.com under Focus Graphite Inc.



#### ESIA (Environmental and Social Impact Assessment) update underway:

- Wood Environment and Infrastructure Solutions is conducting two important ESIA-related investigations:
  - new air quality model and dust management plan
  - hydrogeochemical model for the project
- Other work completed or underway for the ESIA update includes:
  - Surveys of ground and surface water quality, lake bottom sediment, soil and overburden
  - Wetland characterization, inventory of special-status and invasive plant species and Inventory of Chiroptera (bat) fauna
  - Engagement and consultation with local and indigenous communities

     MU Conseils, experts in communications with the local Innu community, have been engaged to facilitate the dialogue and assist Focus in achieving social acceptability for the project



#### Next Steps (2022-2023):

- Complete the Feasibility and ESIA studies, together with the Mine Closure Plan for the project and submit the reports to the Québec ministry of the Environment and Climatic Changes (MELCC) for review.
- Upon the ESIA study being deemed "receivable" by the MELCC, the project will move to the Public Information and Consultation stage by the Québec Environmental Public Hearings Office (BAPE), the next step in the environmental review process. Achieving "social acceptability" is a fundamental condition for Focus to move the Lac Knife project forward along the path to commercial production.
- Sign community partnership agreements and negotiate an Impact and Benefit Agreement (IBA) with the Innu Takuaikan Uashat mak Mani-utenam (ITUM) First Nation.
- Complete the Scoping and Market Study on Processing in Québec, a new requirement under the Québec Mining Act to obtain a Mining Lease.
- Initiate detailed engineering studies.
- Obtain the Government Decree authorizing Focus to move the Lac Knife project to construction and mining.



### Lac Tétépisca: A new promising graphite discovery now at the mineral resource appraisal stage







- Manicougan Hydroelectric Reservoir, Côte Nord region of northeastern Québec, 234km north of the city of Baie-Comeau
- 100%-owned, accessible year-round by road from Hwy 389
- Two contiguous properties, Lac Tétépisca and Lac Tétépisca Nord, that together form a block of 115 claims with a total area of over 6,000 hectares
- Host to the Manicouagan-Ouest Graphitic Corridor (MOGC), discovered by Focus in 2012 and defined by a linear km-long northeast trending geophysical anomaly.
- Two phases of scoping level metallurgical test work completed to date.
- **Target**: Large tonnage, open pit flake graphite deposit grading a min. 10% graphitic carbon (Cg).



- Since 2014, Focus has systematically tested the MOGC over a 1.4 km distance through four drilling programs for a total of 106 drill holes and 16,461 m of drilling.
- The most recent drilling program in the fall of 2020 demonstrated excellent continuity in graphite mineralization grades and thicknesses within the MOGC.
- The main graphite-bearing zone within the MWGC is 85 m wide on average, dips to the southeast at between 50° to 60°, and is opened at depth below the 100 m level.



#### Next Steps:

- On Nov. 9, 2020, Focus commissioned DRA Americas Inc. to undertake the maiden Mineral Resource Estimate (MRE) and NI 43-101 Technical Report for the Manicouagan Ouest Graphitic Corridor (MOGC) expected by Dec. 31 of this year.
- During the winter of 2021-2022, Focus will be drill testing a second graphitic zone discovered at Lac Tétépisca in 2014 that is parallel to the MOGC but located 2 km to the west. Eleven paragneiss grab samples collected along a 900 m segment of this new graphitic zone returned grades ranging from 3.86% Cg to 54.20% Cg, with seven grab samples containing over 16% Cg.
- For 2022, Focus also plans to collect a 50-tonne bulk graphite mineralization sample from the MOGC in preparation for pilot-plant scale metallurgical recovery trials.



# **Capital Structure and Financial Information**

Focus Graphite Inc.	Symbol: FMS
Listed Exchange	TSX Venture
Market Capitalization	\$ 31,654,565
Shares Outstanding (basic)	486,993,310
Shares Outstanding (fully diluted)	606,951,877
Cash & Investments	\$ 3,700,000
Recent Price (Nov. 5, 2021)	\$0.065
52-week Range	\$0.025 - \$0.28



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