

# **MATAWINIE PROPERTY**

The Matawinie graphite property includes 177 mining claims covering 9,264 hectares<sup>1</sup>, in which the Company owns a 100% interest. The Tony Block, or mining property, part of the Matawinie graphite property, is composed of 159 claims totaling 8,266 hectares.

## **TONY BLOC**

The Tony Claim Block is located approximately 120 km as the crow flies north of Montréal, Québec, Canada, in Saint-Michel-des-Saints. This block is easily accessible via the dedicated access road connecting to the local highway and is close to high-quality infrastructure, including paved roads and high-voltage power lines, and the community, which counts skilled laborers and contractors. The project is located in proximity to the Montréal metropolitan area, which also has a considerable pool of nearby labor and suppliers of goods and services.





### MINERAL RESOURCES AND RESERVES

Mineral Resources have been estimated for the West Zone of the Mining Property. These Mineral Resources are based on 8,274 assay intervals collected from 27,888.24 m of core drilling and three (3) surface trenches providing 207 channel samples. Proper quality control measures, including the insertion of duplicate, blank and standard samples, were used throughout the exploration programs and returned within acceptable limits.

#### Current Pit-Constrained Mineral Resource Estimate for the West Zone<sup>1</sup>

Mineral Resource Category <sup>2</sup>	Current Resource (May 20, 2022) <sup>7</sup>		
	Tonnage (Mt) <sup>5,6</sup>	Grade (% Cg) <sup>3</sup>	Contained graphite (Mt)
Measured	28.5	4.28	1.22
Indicated	101.8	4.26	4.33
Measured + Indicated	130.3	4.26	5.55
Inferred <sup>4</sup>	23.0	4.28	0.98

1 The Mineral Resources provided in this table were estimated by Yann Camus, P.Eng. SGS of Canada Inc. - Geological Services ("SGS Geological Services") using current Canadian Institute of Mining, Metallurgy and Petroleum ("CIM") Standards on Mineral Resources and Reserves, Definitions and Guidelines.

2 Mineral Resources that are not Mineral Reserves have not demonstrated economic viability. Additional trenching and/or drilling will be required to convert Inferred and Indicated Mineral Resources to Measured Mineral Resources. There is no certainty that any part of a Mineral Resource will ever be converted into Reserves.

3 All analyses used for the Resource Estimates were performed by ALS Minerals Laboratories and delivered as graphitic carbon ("% Cg"), internal analytical code C-IR18.

4 Inferred Mineral Resources represent material that is considered too speculative to be included in economic evaluations. Additional trenching and/or drilling will be required to convert Inferred Mineral Resources to Indicated or Measured Mineral Resources. It cannot be assumed that all or any part of the inferred resources will ever be upgraded to a higher resource category.

5 Current Resource effective May 20, 2022.

6 Mineral Resources are stated at a cut-off grade of 1.78 % Cg.

7 Standards used for this resource update are the same standards produced over the course of the 2018 Feasibility Study (effective as of July 10, 2018 and issued on December 10, 2018) and the Resource Update (results published March 19, 2020). The difference comes mainly from a newly accessible land package along the Hydro-Québec power line.

A combined Mineral Resource of the South-East and South-West zones is also present on the Mining Property. While these deposits are part of the Property, they have not been studied to be integrated in the Mineral Reserves or the mine plan.

#### Matawinie Mineral Reserves for the West Zone

Category	Tonnage (Mt)	Grade (% Cg)	Contained graphite (Mt)
Proven	17.3	4.16	0.7
Probable	44.3	4.26	1.9
Proven & Probable	61.7	4.23	2.6

The Qualified Person for the Mineral Reserve Estimate is Jeffrey Cassoff, P.Eng., of BBA Inc.

The effective date of the estimate is July 6, 2022.

Mineral Reserves were estimated using a graphite concentrate average selling price of C\$2,135/tonne, and consider a 2% royalty, and selling costs of C\$47.92/tonne. An average grade of 97% was considered for the graphite concentrate.

A metallurgical recovery of 93% was used.

A cut-off grade of 2.20% Cg was used.

The strip ratio for the open pit is 1.16 to 1.

The Mineral Reserves are inclusive of mining dilution and ore loss.

The reference point for the Mineral Reserves is the primary crusher.

Totals may not add due to rounding.