

**BRAILLE ENERGY SYSTEMS INC.**

**(formerly Mincom Capital Inc.)**

**MANAGEMENT'S DISCUSSION AND ANALYSIS**

**For the three and nine month periods ended June 30, 2021**

## **BRILLE ENERGY SYSTEMS INC.**

**(formerly Mincom Capital Inc.)**

### **MANAGEMENT DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS FOR THE THREE AND NINE MONTH PERIODS ENDED JUNE 30, 2021**

The following Management Discussion and Analysis (“MD&A”) reviews the operating results, financial condition and future prospects of Braille Energy Systems Inc. (formerly Mincom Capital Inc.), (“BESI” or the “Company”), current as of August 30, 2021. It should be read in conjunction with the Company’s interim unaudited consolidated financial statements and notes thereto for the three and nine month periods ended June 30, 2021, and the audited financial statements and notes thereto for the year ended September 30, 2020 which were prepared in accordance with International Financial Reporting Standards (“IFRS”). The reporting currency is in Canadian dollars. All currency amounts herein are expressed in Canadian Dollars unless otherwise indicated.

This MD&A contains or may refer to certain statements that may be deemed “forward-looking statements”. Forward-looking statements include estimates and statements that describe the Company’s future development plans, objectives or goals, including words to the effect that the Company expects a stated condition or result to occur. Forward-looking statements may be identified by such terms as “anticipates”, “believes”, “could”, “estimates”, “predict”, “seek”, “potential”, “continue”, “intend”, “plan”, “expects”, “may”, “shall”, “will”, or “would” and similar expressions. Since forward-looking statements are based on assumptions and address future events and conditions, by their very nature they involve inherent risks and uncertainties. Forward-looking statements are not guarantees of future performance and actual results or developments may differ materially from those in forward-looking statements. Factors that could cause actual results to differ materially from those in forward-looking statements include market prices for lithium ion batteries, AGM batteries ; supply of inventory; new opportunities; continued availability of capital and financing; general economic, market or business conditions, foreign currency exchange rate; and litigation, legislative, environmental or other judicial, regulatory, political and competitive developments. These and other factors should be considered carefully and readers should not place undue reliance on the Company’s forward-looking statements. BESI does not undertake to update any forward-looking statement that may be made from time to time by Management or on its behalf, except in accordance with applicable public disclosure rules and regulations

#### **Nature of Business**

BESI was incorporated on May 24, 2011 as Mincom Capital Inc., under the Canada Business Corporations Act. The Company was a Capital Pool Company (“CPC”), as defined in Policy 2.4 of the TSX-V Corporate Finance Manual (“Policy 2.4”) from incorporation to May 9, 2014, following the issuance of the TSX Venture Exchange’s Final Bulletin approving the Company’s acquisition of the Romer property, in Québec, as its Qualifying Transaction (“QT”). Subsequent to the completion of the QT in accordance with Policy 2.4, BESI commenced operations as a Tier 2 mining issuer.

On June 21, 2018, and pursuant to the Final Bulletin issued by the Exchange dated July 25, 2018, the Company closed the acquisition and change of business transaction (Note 4 to the annual audited consolidated financial statements for the year ended September 30, 2018), whereby it acquired an 89.95% ownership interest in Braille Holdings Inc. (“Braille Holdings”). Braille Holdings is a holding company that wholly owns a 100% equity interest in Braille Battery Inc. (“Braille Battery”). Braille Battery is a battery-manufacturing and energy storage company supplying batteries to the professional motor sports industry and has developed a line of lightweight high powered battery systems for the transportation market.

Braille Holdings was incorporated on May 6, 2010, under the laws of the State of Florida. Braille Battery was incorporated on January 1, 2009, under the laws of the State of Florida. The principal place of business for both entities is located at 6935 15<sup>th</sup> Street East, Building 115, Sarasota, FL 34243.

Following the close of BESI’s acquisition of its interest in Braille Holdings, the Company subsequently changed its name from Mincom Capital Inc. to Braille Energy Systems Inc. and is now a Tier 2 Technology Issuer and the majority shareholder of Braille Holdings. Braille Holdings is a holding

company and does not carry on business other than to hold all the issued and outstanding shares of Braille Battery.

The principal business of BESI is now Braille Battery's battery-manufacturing and energy storage operations. BESI's future development plans includes to expand its market penetration into a wider range of market segments that require light weight, high-performing energy solutions, using scientifically advanced materials.

The head office of the Company is located at 945 Princess St., Box 117, Kingston, Ontario, K7L 0E9.

### **Corporate Development Highlights**

#### Mincom Announces Intent to Acquire Braille Holdings Inc. as an Entry Point to the Lucrative Energy Storage Space With Next Generation Graphene Based Lithium Battery Technologies

On October 18, 2016, the Company announced it entered into a non-binding letter of intent with Grafoid Inc. ("Grafoid") to acquire Grafoid's 75% interest in Braille Holdings Inc. ("Braille"), of Sarasota, Florida, which owns Braille Battery.

Braille Battery, acquired by Grafoid in September 2014, is a global leader in the development, production and sales of ultra lightweight, high performance Lithium-Ion high performance batteries and the supplier of the world's first environmentally sustainable AGM carbon fiber batteries for IndyCar, NASCAR, Formula 1 racing cars, motorcycles and batteries for the marine industry.

The proposed purchase price is US \$2,000,000, of which US \$1,000,000 will be paid in cash and US \$1,000,000 will be paid in shares issued to Grafoid from the treasury of Mincom. The acquisition is subject to the normal transaction documents expected in an acquisition of this nature.

In conjunction with the acquisition, Mincom proposes to raise, subject to the TSX Venture Exchange ("TSXV") acceptance, up to US \$3,000,000 by way of private placement of units of Mincom at a price of US \$0.10 per unit (the "Offering"). Each unit will be comprised of 1 common share of Mincom and 1 warrant. Each warrant shall be exercisable into 1 common share at a price of CAD \$0.18 for a period of 4 years from the closing date of the Offering. Notwithstanding the foregoing, if at any time after four (4) months and one (1) day following the Closing, the trading price of the Common Shares on the TSX Venture Exchange is equal to or exceeds \$0.30 for 10 consecutive trading days, as evidenced by the price at the close of market, Mincom shall be entitled to notify the holders of Warrants of its intention to force the exercise of the Warrants. Upon receipt of such notice, the holders of Warrants shall have 30 days to exercise the Warrants, failing which the Warrants will automatically expire.

The proceeds will be used to cover the consideration of the transaction with Grafoid and working capital.

Braille Battery Inc. is a Sarasota, Florida-based battery manufacturing and energy storage solutions company and the pioneer of a complete line of lightweight high powered battery systems for the transportation market.

Braille developed the world's first commercially available automotive lithium starting battery and has grown to become the highest volume producer of automotive lithium starting batteries. The company retains international patent protection on over 20 unique battery improvements. Some have achieved market success while others have been applied in non-consumer applications.

Its technological achievements include battery containment using composite technologies; thermal management, high amperage solutions, high vibration designs, novel battery chemistries, battery controls and dual use chemistries.

Braille's ISO compliant manufacturing facility houses management offices, design and engineering, research and development, manufacturing, logistics and fulfillment. Braille is an FDA manufacturer and is GSA / CCR registered.

Braille's achievements include numerous firsts in the industry, among them: Development of the first carbon fiber battery; first Lithium-Ion automotive original equipment starting battery; first carbon Li-Ion battery; first European Community RoHS environmentally approved automotive battery; first lithium battery to win a Formula 1 Championship; first lithium battery to win Daytona 500, NASCAR and Le Mans Championships, and; the first Lithium Iron Phosphate energy storage solution for the U.S. defense industry.

#### Mincom - Update Regarding Reverse Takeover/Change of Business Transaction

On March 14, 2017, the Company announced it has entered into a non-arm's length agreement to purchase all of issued and outstanding shares of Braille Holdings Inc. held by Grafoid Inc (the "Proposed Transaction") as previously announced on October 18, 2016. The Proposed Transaction will constitute a change of business under the policies of the TSX Venture Exchange (the "Exchange").

Mincom, Braille Holdings Inc. ("BHI"), Braille Battery Inc. ("Braille Battery"), and Grafoid Inc. (the "Vendor") entered into a share purchase agreement dated the 8<sup>th</sup> day of March, 2017 (the "Share Purchase Agreement") whereby the Vendor agreed to sell, and Mincom agreed to purchase, such issued and outstanding shares of BHI held by the Vendor, being 75% of all the issued and outstanding shares of BHI (the "Purchased Shares"). The Purchase Price for the Purchased Shares is Two Million Dollars (US\$2,000,000) of which One Million Dollars (US\$1,000,000) will be paid in cash and One Million Dollars (US\$1,000,000) will be paid by the issuance of 10,000,000 Common Shares to the Vendor from the treasury of Mincom at the Closing as disclosed above.

#### History of Target and Financial Information

BHI is a corporation organized under the laws of the State of Florida on May 5, 2010. Its principal place of business is located at 6935 15th Street East, Building 115, Sarasota, FL 34243. Braille Battery is a corporation organized under the laws of the State of Florida filed on March 18, 2010, effective January 1, 2009. Its principal place of business is located at 6935 15th Street East, Building 115, Sarasota, FL 34243.

Braille Battery is a wholly owned subsidiary of BHI. Braille Battery has no subsidiaries. BHI is a holding company and does not carry on business other than to hold all the issued and outstanding shares of Braille Battery. Braille Battery is an operating company and carries on the business of a battery assembler and retailer.

The resulting issuer will be called Braille Energy Systems Inc. and will be involved in the clean technology sector.

Based on audited consolidated financial statements for the year ending September 30, 2016, Braille Holdings and Braille Battery generated revenues of \$2,320,636 and a net loss before taxes of \$786,403.

As at September 30, 2016, Braille had total assets of \$708,425 and total liabilities of \$4,248,075 and shareholders' deficit in the amount of \$3,539,650.

#### Non-Arm's Length Transaction

Mincom, BHI, Braille Battery, and the Vendor share common management. Focus Graphite Inc., a public company listed on the Exchange holds 13.88% of the Common Shares of Mincom and 18.17% of the Common Shares of the Vendor. The related parties and their position within each party to the Proposed Transaction are set out below:

Name	Position with				
	Mincom	Vendor	BHI	Braille Battery	Focus Graphite Inc.
Gary Economo	Director, President & CEO	Director, CEO	Director, President	Director, President	Director, President & CEO
Lindsay Weatherdon	Director	Director	N/A	N/A	
Jeffrey York	Director, Chairman of the Board	Director, Chairman of the Board	N/A	N/A	Director, Chairman of the Board
Marc-Andre Bernier	Director	N/A			Director
Judith Mazvihwa-MacLean	CFO	CFO	CFO	CFO	CFO

The Proposed Transaction does not constitute an arm's length transaction and will be subject to shareholder approval. The date of the shareholders' meeting has not been set.

The Corporation will seek to rely on an exemption from the valuation requirements set out in Multilateral Instrument 61-101 - *Protection of Minority Security Holders in Special Transactions*. The securities of the Corporation are not inter-listed on other stock markets.

#### Directors and Management of the Resulting Issuer

##### ***Gary Economo - President and Chief Executive Officer, Director, Age 61***

Mr. Economo has a distinguished business leadership career, serving as CEO for a number of public and private high-technology companies during the last 20 years. A former President and CEO of Dynasty Components Inc., Mr. Economo enjoys a long history of graphite marketing and sales for high-tech applications. Over the span of his business career, Mr. Economo provided strategic consulting and representation services to technology companies in North America and Asia. In particular, he has a track record of success and expertise in building shareholder value when tasked with bringing discovery companies to market.

##### ***Lindsay Weatherdon - Director and Chairman of the Board, Age 57***

Mr. Weatherdon is the President and owner of Premcorp Sales & Marketing operating as "Concord National, Ontario Division" as well as Mitchell-Kennedy operating as "Concord National, Quebec Division". Concord National is a Canadian-based consumer and packaged goods sales and marketing agency. He has held this position since 2002. In addition, Mr. Weatherdon is a shareholder, through his personal holding company, Thombeth Holdings, of Luxell Technologies. In September 2011, Mr. Weatherdon became a director of Luxell Technologies.

##### ***Judith Mazvihwa-MacLean- Chief Financial Officer, Director, Age 46***

An Ottawa-based geologist and accountant, Ms. Mazvihwa-MacLean has more than 16 years of experience in mineral exploration, mining, management, and corporate finance. She is also the Chief Financial Officer at Focus Graphite. Prior to joining Focus Graphite, Ms. Mazvihwa-MacLean was the CFO for Golden Harp Resources Ltd., Logan Resources Ltd., and Acme Resources Ltd. (formerly, International KRL Resources Corp.) and also served as a member of the Board for both Logan Resources Ltd. and Acme Resources Ltd. Ms. Mazvihwa-MacLean holds a B.Sc. (Geology) from the University of Zimbabwe, a M.Sc. from Brunel University in England and earned her MBA at Simon

Fraser University in British Columbia. Ms. Mazvihwa-MacLean was accredited a Certified Management Accountant by the Certified Management Accountants Society of British Columbia.

***Jeffrey York - Director, Age 57***

Mr. York is currently Chief Executive Officer of Farm Boy Inc. He worked three years for Ward Mallett Chartered Accountants and twenty years for Giant Tiger Stores which grew from a regional discount retail chain into a national company and of which he was President for 10 years. Mr. York has been a member of Young Presidents Organization since 2002. Mr. York graduated with an economics degree from Princeton University in 1986 and obtained his Chartered Accountant designation in 1989.

Completion of the transaction is subject to a number of conditions, including but not limited to, Exchange acceptance and if applicable, disinterested shareholder approval. Where applicable, the transaction cannot close until the required shareholder approval is obtained. There can be no assurance that the transaction will be completed as proposed or at all. Investors are cautioned that, except as disclosed in the management information circular or filing statement to be prepared in connection with the transaction, any information released or received with respect to the transaction may not be accurate or complete and should not be relied upon. Trading in the securities of BES1 should be considered highly speculative. The TSX Venture Exchange Inc. has in no way passed upon the merits of the proposed transaction and has neither approved nor disapproved the contents of this news release.

On August 1, 2017, the Company provided an update with respect to its transaction to purchase all of issued and outstanding shares of Braille Holdings held by Grafoid, as previously announced on October 18, 2016, and March 14, 2017.

On August 29, 2017, the Company announced it has received conditional acceptance of its reverse takeover transaction previously announced on October 18, 2016, from the Exchange.

Update Regarding Share Purchase Agreement

Terms of the Purchase Price has been updated since the March 8, 2017, news release. The Purchase Price for the Purchased Shares remains Two Million Dollars (US\$2,000,000) of which One Million Dollars (US\$1,000,000) will be paid in cash and One Million Dollars (US\$1,000,000) will be paid by the issuance of 10,000,000 Common Shares to the Vendor from the treasury of Mincom at the Closing. The cash portion of the Purchase Price will be paid as follows: (a) US\$500,000 will be paid in cash on the Completion of the Transaction; and (b) US\$500,000 will be paid by way of interest-free note, payable by January 1, 2019 and extended to January 1, 2022.

Update Regarding Proposed Directors of Resulting Issuer

Mincom announced that at the meeting of shareholders to be held to approve the Transaction, James J. Greenberger will be put forward as a candidate for election to the board of directors of the Resulting Issuer on Completion of the Transaction. His biography is set out below:

***James J. Greenberger – Director, Age 61***

Mr. Greenberger has been the Executive Director of the National Alliance for Advanced Technology Batteries (NAATBatt) since August 2008. NAATBatt is a not-for-profit trade association of companies involved in the manufacture of large format advanced batteries for automotive and grid-connected energy storage applications. Mr. Greenberger cofounded the predecessor of NAATBatt in 2008. Prior to leading NAATBatt, Mr. Greenberger practised law for more than 25 years, most recently as a partner at Reed Smith LLP in Chicago, where he led its cleantech practice group. Mr. Greenberger's law practice focused on mergers and acquisitions, private equity and venture capital transactions. He has represented some of the leading private equity and venture capital firms in the country and published several articles on private equity transactions and structures. Mr. Greenberger is the principal of Private Equity Law Advisors, a private law practice in Chicago. He has held this position since October 2009.

Mr. Greenberger served on the Board of Directors of the Association for Corporate Growth-Chicago; he is a past chair of the Commercial Finance & Transactions Committee of the Chicago Bar Association; and he sat on the governing board of the Kentucky-Argonne Battery Manufacturing Center.

Mr. Greenberger is a member of the American Bar Association. He is a graduate of Haverford College and the University of Michigan Law School.

#### Mincom's Update on Expected Closing of Reverse Takeover Transaction

On December 6, 2017, the Company announced that it received consent from the TSX Venture Exchange to extend the deadline for the closing of the previously announced reverse takeover transaction (set out in Exchange's conditional acceptance letter of August 24, 2017).

On closing of the reverse takeover transaction, Mincom will acquire all the shares of Braille held by Grafoid representing 75% of the issued and outstanding shares of Braille.

Mincom received the required shareholder approval for the reverse takeover transaction at the Corporation's annual and special meeting held on October 5, 2017.

#### Mincom Update on Expected Closing of Reverse Takeover Transaction & FAA Settlement

On June 8, 2018, the Company announced it received consent of the Exchange to extend the deadline for the closing of the previously announced reverse takeover transaction with Braille Holdings and Grafoid set out in Exchange's conditional acceptance letter of August 24, 2017. The Exchange has consented to extend the deadline to close until June 22, 2018.

Mincom and Braille Holdings also provided the following updates:

- Braille Battery entered a settlement with the Federal Aviation Administration (FAA) with regards to alleged violations of the FAA's Hazardous Materials Regulations. On November 20, 2017, the FAA issued a Notice of Proposed Civil Penalty that proposed a US\$1,105,000 civil penalty. On May 10, 2018, the FAA and Braille Battery entered a settlement agreement whereby Braille Battery agreed to pay a fine of US\$235,000 payable over a four (4) year period, as follows:
  - a. US\$25,000 due on October 1, 2018 (Paid);
  - b. US\$25,000 due on March 1, 2019 (Paid);
  - c. US\$50,000 due on December 31, 2019 (Paid);
  - d. US\$85,000 due on December 31, 2020 (re-negotiated with the FAA to be paid in equal instalments over a six month period starting from December 2020 and last payment due May 31, 2021);
  - e. US\$50,000 due on September 31, 2021.

Full details of the FAA Matter were included in an information circular prepared in accordance with the requirements of the Exchange in connection with the Transaction and is available at [www.sedar.com](http://www.sedar.com).

- At a meeting of Braille Holdings' shareholders held on May 16, 2018, the shareholders approved the conversion of a loan payable to Grafoid into common shares of Braille Holdings. The principal and interest payable under the loan totaled US\$2,972,790. Braille Holdings and Grafoid agreed to convert the loan amount into 29,727,900 common shares of Braille Holdings at a price of US\$0.10 per share. The other shareholder of Braille Holdings was extended a pre-emptive right to purchase a pro rata amount of common shares in order to maintain his 25% ownership interest. The pre-emptive right expired on May 22, 2018, and Braille Holdings received no notice of the shareholder's intention to exercise his pre-emptive right. As a consequence of the issuance of 29,727,900 common shares of Braille Holdings, Grafoid owned 89.95% of Braille Holdings which was subsequently sold to BESl.
- Mincom purchased Grafoid's whole 89.95% equity interest of Braille Holdings on closing of the RTO.

- Mincom and Grafoid agreed that the purchase price of US\$2,000,000 payable by Mincom to Grafoid pursuant to the terms of the RTO will not change. On the completion of the RTO, Mincom will own 89.95% of the issued and outstanding shares in the capital of Braille Holdings.

### Braille Energy Systems Inc. Announces Closing of Reverse Takeover Transaction

On June 22, 2018, the Company announced that effective June 21, 2018, the closing of its previously announced reverse takeover and change of business transaction pursuant to which it acquired a 89.95% equity position in Braille Holdings, as previously described in its news releases dated October 18, 2016, March 15, 2017, August 2, 2017, August 29, 2017, December 6, 2017 and June 8, 2018, and more particularly set out in its information circular dated August 28, 2017 (the "Circular"), which is available under the profile of the Company at [www.sedar.com](http://www.sedar.com).

The Company's common shares resumed trading on the Exchange as a Tier 2 technology issuer under the symbol "BES" once the TSXV's conditions for listing were satisfied and the TSXV issued its final exchange bulletin confirming the completion of the RTO.

#### Reverse Takeover

Pursuant to the RTO, Mincom, Braille Holdings, Braille Battery, and Grafoid entered into a share purchase agreement dated March 8, 2017, as amended June 8, 2018 whereby Grafoid agreed to sell, and Mincom agreed to purchase, such issued and outstanding shares of Braille Holdings held by Grafoid ("Braille Holdings Securities"). The Braille Holdings Securities represent 89.95% of the issued and outstanding shares in the capital of Braille Holdings. The Purchase Price for the Braille Holdings Securities was \$1,866,272 (which is US\$2,000,000) of which \$665,000 (which is US\$500,000) was paid in cash on closing, \$487,987 (which is US\$500,000) will be paid by way of interest free promissory note, and \$732,785 (which is US\$1,000,000) was paid by the issuance of 10,000,000 Common Shares to Grafoid from the treasury of Mincom at the Closing. The deemed issue price per Common Share is \$0.13 (which is US\$0.10). The Note is interest-free and payable by January 1, 2020 (the "Maturity Date") and extended to January 1, 2021. Mincom has the right to repay the Note at any time on or prior to the Maturity Date without penalty.

#### Financing

In conjunction with the RTO, Mincom closed a non-brokered financing (the "Financing") for aggregate total proceeds of US\$1,900,000. The Financing consisted of the issuance of 19,000,000 Units at a price of US\$0.10. Each Unit consists of one (1) Common Share and one (1) Warrant. Each Warrant may be exercised into one (1) Common Share at \$0.18 for a period of 48 months following the Closing of the Financing. Notwithstanding the foregoing, if at any time after four (4) months and one (1) day following the Closing, the trading price of the Common Shares on the Exchange is equal to or exceeds \$0.30 for 10 consecutive trading days, as evidenced by the price at the close of market, the Company shall be entitled to notify the holders of Warrants of its intention to force the exercise of the Warrants. Upon receipt of such notice, the holders of Warrants shall have 30 days to exercise the Warrants, failing which the Warrants will automatically expire. Common shares issued as part of the Financing are subject to a 4-month and 1 day hold period.

The \$0.075 fair value of the issued shares has been determined based on the \$0.10 fair value of the common shares issued as part of the private place and then discounted as a result of the required escrow period. The escrow common shares will be release in a series of instalments. As a result the shares fair value have been discounted using a 20.7% discount rate

In addition to the 10,000,000 common shares issued to Grafoid pursuant to the RTO, Grafoid purchased 4,700,000 Units as part of the Financing. At the close of the Financing and RTO, Grafoid controls 14,700,000 common shares representing 31.27% of the Company on an undiluted basis.

#### Outstanding Share Capital and Escrow

The Company currently has a total of 47,012,257 common shares issued and outstanding. An aggregate of 18,756,250 and 1,028,451 options were subject to Escrow at closing in June 2018.

#### IIROC Trading Resumption

On July 26, 2018, an IIROC Trading Resumption was announced and the Company's common shares resumed trading on the Exchange as a Tier 2 technology issuer under the symbol "BES" (formerly "MOI"), on July 27, 2018, at 9.30 am ET.

#### Braille Energy Systems Announces the Successful Testing of Its New Group 31 Fleet Lite Lithium Battery and Fleet Lite Marine Battery

On August 2, 2018, the Company announced the successful completion of Braille Battery's testing for its NEW Group 31 Fleet Lite Lithium Battery and Fleet Lite Marine Battery with a number of key partners.

BESI expects to roll out its Braille Battery product offerings in a North American wide launch late summer 2018. The roll out will be supported by both consumer and industry marketing campaigns, to increase awareness in both the Fleet and Marine markets.

#### Braille Energy Systems Announces the Completion of Test Trials of Customized Lithium Batteries for Commercial Drones

On September 5, 2018 the Company announced the completion of Braille Battery's test trials for its customized lithium batteries for commercial drone applications such as Aerial LiDAR surveys, Aerial Photogrammetry and other Aerial Inspections.

With the market for commercial drones, also known as unmanned aerial vehicles (UAVs) projected to surpass \$12 billion in 2021, up by a compound annual growth rate (CAGR) of 7.6% from \$8.5 billion in 2016, Braille Battery is extremely pleased with the results of its trials and the achievement of meeting another key milestone.

With the trials demonstrating that Braille Battery batteries provided longer discharge cycles – with significantly less weight – than the incumbent battery, Braille Battery has secured an initial request to retrofit existing UAV drones in operation valued at a minimum of US\$500,000.

#### Braille Energy Systems Completes the First Year of its Four-Year Deal as the Exclusive Supplier of Approved Batteries for the Verizon IndyCar Series

On September 12, 2018 the Company announced the successful completion of the first year as the exclusive supplier of approved batteries for the Verizon IndyCar Series. Braille Battery Inc. is owned 100% by Braille Holdings Inc. and BESI, formerly Mincom Capital Inc., purchased 89.95% equity interest in Braille Holdings Inc. For more details on the transaction, please refer to [www.sedar.com](http://www.sedar.com).

In June 2017, Braille Battery was selected to design and manufacture the bespoke lithium Batteries to power Verizon IndyCar Series vehicles. With a successful 2017/2018 season secured, Braille is poised to continue supplying innovative energy solutions as it heads into the 2018/2019 season for its second of four year deal with this high-performance series.

#### Braille Energy Systems Expands Its Manufacturing Capacity with the Opening of a Second Manufacturing Facility in Kingston, Ontario Canada

On November 8, 2018, the Company announced the opening of a second manufacturing facility located in Kingston, Ontario, Canada to expand its manufacturing capacity to energy storage solutions built to meet demands outside of the Performance Automotive Industry. Braille Battery Inc. is owned 100% by Braille Holdings Inc. and BESI, formerly Mincom Capital Inc., purchased 89.95% equity interest in Braille Holdings Inc. For more details on the transaction, please refer to [www.sedar.com](http://www.sedar.com).

With forecasts calling for the global demand for energy storage to double six times from 2017 to 2030, the investment in the energy storage space is estimated to be \$103 billion over the same time period. Driven by the growing need for efficient and effective energy storage solutions across a number of industries from motorsport to marine, avionics to mining, medical to military and rail to back up and standby applications— Braille Battery is extremely excited to expand its manufacturing capabilities with its new facility in Kingston, Ontario Canada. With an established foundation in providing innovative energy storage solutions for the performance automotive industry, Braille Battery is building on its expertise to help build out an array of innovative energy storage solutions for these key industries with growing energy demands.

With contracts already in place to provide lithium batteries for commercial drones and OEM batteries for a military vehicle manufacturer, Braille Battery is ready to start production immediately to serve the growing demand for innovative energy solution in Canada, the USA and around the globe.

#### Braille Energy Announces its Approval as an OEM Lithium Battery Supplier for a Major Military Vehicle Manufacturer

On November 12, 2018 the Company announced its selection as the OEM Lithium Battery Supplier for a Major Military Vehicle Manufacturer. Braille Battery Inc. is owned 100% by Braille Holdings Inc. and BESI, formerly Mincom Capital Inc., purchased 89.95% equity interest in Braille Holdings Inc. For more details on the transaction, please refer to [www.sedar.com](http://www.sedar.com).

As more military land vehicles become dependent on technology onboard, their electrical demands inherently increase. With this increased demand, the conventional energy solutions become less attractive over the vehicle's life cycle. Insufficient electrical energy storage can hinder operational performance when conducting engine-off operations and traditional batteries with low energy capabilities tend to last for short periods and will have to be regularly recharged.

While most cars and commercial vehicles also experience increased energy demands with new technologies onboard, military land vehicles carry a unique set of requirements. Batteries on these vehicles require high energy for off-engine (or 'silent watch') energy needs and must deliver high power for engine starting and load levelling. Additionally, they must also demonstrate an ability to withstand harsh environmental conditions along with the capacity to meet future energy demands.<sup>1</sup>

Given all of this, the current limitations of lead-acid batteries combined with their long charging times represent significant challenges to the energy demands of off-engine (or silent watch) operations in military land vehicles. Braille Battery's proven track record of supplying innovative battery solutions for high-performance vehicles was critical to its approval as an OEM Lithium Battery supplier for a military vehicle manufacturer.

#### Braille Battery Releases the Successful Use Cases of Its GU1R and G30HD Lithium Batteries as Replacements for the Standard Lead Acid Batteries Supplied in Market Leading EVs

On November 21, 2018 the Company announced the successful results of recent use cases of its GU1R and G30HD batteries being employed as replacements for the standard lead acid batteries supplied in consumer owned Tesla EV vehicles. Braille Battery Inc. is owned 100% by Braille Holdings Inc. and BESI, formerly Mincom Capital Inc., purchased 89.95% equity interest in Braille Holdings Inc. For more details on the transaction, please refer to [www.sedar.com](http://www.sedar.com).

Given the growing shift to all electric and plug-in hybrids, it is surprising that many of these vehicles actually employ lead-acid batteries for starting, lighting and ignition (SLI) functions. It is when they require high voltage "power assist" functions, that they rely on the nickel-metal hydride (NiMH) and Lithium-ion (Li-ion) systems they are better known for.

Best-selling hybrid electric vehicles – such as Ford Fusion – use lead-acid batteries for SLI functions and one of the more prominent, extended-range plug-in hybrids on the market – the Chevy Volt - depends on its lead-acid battery for SLI functions and the control of high voltage contactors. This also occurs at the higher end of the EV brand scale where premium positioned brands, such as Tesla, also employ lead-acid batteries for SLI functions.

Given this trend, the current limitations of lead-acid batteries combined with their long charging times, represent significant challenges to the overall efficiency of these EVs. Typically, these aspects are directly impacted by the presence of the lead-acid batteries. Through the course of normal use, the inherent nature of the lead-acid battery necessitates recharging from the vehicle's onboard lithium batteries. This drain of stored energy has the potential to impact the overall range of the lithium batteries. With the presence of a more efficient, lower cycling lithium battery such as Braille Battery's GU1R or G30HD models, the onboard batteries are not taxed as a charging source. This results in increased efficiencies and may potentially extend the vehicle range. In the recent use cases, Braille Battery customers reported more efficient charging (approx. 10% better) coupled with a longer battery life when compared to the average of 18 months for the supplied lead-acid battery.

#### Braille Energy Announces Grant of Options

On April 30, 2019, the Company announced the grant of 3,000,000 incentive stock options to its directors, officers, employees, and consultants. The options are to purchase up to 3,000,000 common shares of the Company at an exercise price of \$0.05 per share with an expiration date of April 23, 2024.

#### Braille Energy Announces NextCap Investor Relations to Provide Investor Relations Services and Increase Visibility in U.S. Markets

On September 13, 2019 the Company announced it engaged NextCap Investor Relations LLC ("NextCap") to lead a comprehensive, strategic investor relations and communications program in the United States and in other key regions.

NextCap has partnered closely with BESI's Management Team and Board of Directors to develop and implement a comprehensive investor relations strategy with the purpose to increase the Company's visibility in the investment community and goal to enhance shareholder value.

The Company granted NextCap 100,000 stock options in the Company, in accordance with the policies and will have vesting provisions attached and four month hold period, to purchase shares of the Company at \$0.05 per share for a period of five (5) years from the date of the signing of the agreement. The commencement date of the agreement is March 26, 2019 and either party may terminate the agreement at any time.

#### Braille Energy to Participate and Showcase Products at the 2019 SEMA Show

On November 4, 2019 the Company announced it is scheduled to participate and showcase its product portfolio of lightweight, high-powered battery systems for the transportation market at the 2019 Specialty Equipment Market Association (SEMA) Show in Las Vegas, Nevada from November 5-8, 2019 at the Las Vegas Convention Center.

The Company showcased and provided product demonstrations at Booth Number 25029 in the Racing and Performance section in the Central Hall of the Convention Center. Customers, media, investors and other interested parties were invited to meet with Company Representatives at the Braille Battery Booth.

#### Braille Energy Systems Inc. Launches G30H GreenLite Lithium Battery for the Large Harley Davidson Touring Motorcycle

On January 30, 2020, the Company announced the launch and availability of the G30H lithium battery for large, Harley touring bikes. The GreenLite G30H was designed specifically for bikes with upgraded audio systems, LED lights, and other components and applications that require more capacity than current battery offerings.

The benefits of the G30H include quicker starting, one additional volt higher than lead offerings and decreased voltage drop during cranking. Improved engine management characteristics and data logging, due to improvements in voltage stability. Ability to last 3-5 times longer than current products, with increased reliability and significant weight reduction.

Additionally, BESI is now offering to customers and distributors the GreenLite G30HC “Combo” battery that encompasses all of the features of the G30H, coupled with a 6-amp lithium charger and is a direct drop-in upgrade to the standard G30H. This new product has garnered interest from a variety of top custom motorcycle builders, stereo installers and even Harley Davidson dealerships looking to become new Braille dealers in order to add Braille lithium and high-performance AGM batteries as an upgrade to their customers’ bikes. Several recent competitions have been won with bikes powered by the Braille GreenLite G30H lithium battery and is personally endorsed by renowned bike builders.

#### Braille Energy Systems Inc. Adopts New Stock Option Plan and Announces Stock Option Grants

On June 29, 2020 the Company announced that the Board of Directors has adopted a new 20% fixed incentive stock option plan to replace the previous rolling stock option plan. The Company also announced the grant of incentive stock options under the new plan as an incentive to its directors, officers, employees and consultants.

Pursuant to the new plan, options entitling the purchase of an aggregate 9,402,451 common shares in the capital of the Company may be granted to directors, officers, employees and consultants of the Company from time to time. The Stock Option Plan was amended in November 2020.

The Company also announced an option grant to its directors, officers, employees and consultants to purchase up to 4,695,000. Shares at an exercise price of \$0.05 per share. The options expire 29 June 2025.

The new stock option plan and the subsequent grant of options are subject to the approval of the TSX Venture Exchange and of the Disinterested Shareholders of the Corporation (as such term is defined in the policies of the TSXV), and will be presented for approval at the Company’s upcoming annual shareholders’ meeting to be held before fiscal year-end.

#### Braille Energy Systems Inc. Announces Retirement of CEO and Appointment of Current President Lindsay Weatherdon as New CEO

On August 25, 2020, the Company announced that Gary Economo, Chief Executive Officer, has advised the Company that he will retire as the CEO effective August 31, 2020 and as Director of the Company effective August 31, 2020. Mr. Lindsay Weatherdon, a Director and the current President of BESI, has been appointed CEO and will assume the roles of President and CEO effective September 1, 2020.

#### Braille Energy Systems Inc. Launches F34 Fleet and Marine Group Lithium Battery For The Automotive, Truck, and Marine Markets

On September 9, 2020, the Company, announced the launch and availability of the F34 fleet and marine group lithium battery for the automotive, truck and marine markets. The F34 lithium battery is designed for use in fleet, marine, truck and auto applications that utilize a Group 34 (or similar sized) battery.

The F34 battery contains the same benefits as the F31 battery and is also the replacement/upgrade product for the common Group 24 size used in the marine industry. Additional key features of the F34 include improved engine management characteristics and data logging, due to improvements in voltage stability. Ability to last 3-5 times longer than current products, with increased reliability and significant weight reduction, longer battery life (15-year service life) and simple maintenance are key benefits in marine use. For automotive & truck applications, higher capacity and significantly longer life is ideal for vehicles with audio systems and high electrical demands (off road trucks), etc.

The F34 delivers a full volt higher capacity, additional cranking power, 20-35 pounds lighter and may last up to eight times longer than traditional lead-acid batteries. A three-year service warranty with first-year free replacement is included. Sealed Safe technology allows for positioning in any orientation with no acid or hazardous chemicals spilling. The F34 and all Braille Battery products are designed, built

and shipped in the USA, with performance certified and tested and is green-friendly, RoHS-compliant and lead-free.

For additional product and pricing information about the F34 battery and the entire Braille Battery family of products and solutions, please visit our website at: [www.braillebattery.com](http://www.braillebattery.com) or contact Mr. Gary Savage, General Manager at [savage@braillebattery.com](mailto:savage@braillebattery.com) or 941-312-5047 x 401.

#### Braille Energy Systems Inc. Awarded U.S. General Services Administration (GSA) Schedule To Officially Become Approved Federal Contractor

On September 14, 2020, the Company announced it has received U.S. General Services Administration (GSA) approval under the Federal Government's Multiple Award Schedule (MAS) for Industrial Products and Services (MAS Category 335911: Batteries Includes, but not limited to, batteries, chargers, monitoring systems, battery spill containment systems, and all options, parts, and accessories related to these products. Products can be used for rental, emergency, or disaster recovery efforts). Accordingly, BESI is now recognized by the GSA as an approved federal contractor for industrial products and services.

The GSA serves as the acquisition and procurement arm of the federal government, helping public agencies at the federal, state, and local levels access products and services from pre-approved vendors without the lengthy procurement process. Through GSA's MAS, federal government agencies can now contract directly with BESI and Braille Battery for various battery professional services and solutions.

#### Braille Energy Systems Inc. Announces Its Replacement Lithium Batteries Now Available At Advance Auto Parts

On November 9, 2020, the Company announced it has been designated as a supplier of replacement lithium batteries to Advance Auto Parts through Advance's website. Advance customers will now be able to purchase Braille Battery ultra-lightweight, lithium-ion, high performance batteries thru Advance's e-commerce store front and by special orders thru any of Advance's Store Fronts.

#### Braille Energy Systems Inc. Announced That It is Unaware of Any Material Change In Its Business

On December 30, 2020, the Company, at the request of IIROC, confirmed that its management is unaware of any material change in the Company's operations that would account for the recent increase in market activity.

#### Braille Energy Systems Inc. Announces Share For Debt Settlement

On February 3, 2021, the Company announced that it has entered into debt settlement agreement with Grafoid Inc. and agreed to issue an aggregate of 5,131,313 common shares at a deemed price of \$0.12375 per Common Share to settle US\$500,000 (CAD\$635,000) of outstanding debt.

The completion of the Shares for Debt Transactions is subject to the approval of the TSX Venture Exchange. All securities issued pursuant to the Shares for Debt Transactions will be subject to a hold

period of four months and one day from the date of issuance, in accordance with applicable securities legislation. Management of the Company is aware that Grafoid continues to sell its current shareholdings in BESI.

#### Braille Energy Systems Inc. Announces Grant of Options

On February 8, 2021 the Company announced the grant of 3,000,000 incentive stock options to its directors, officers, and consultants. The options are to purchase up to 3,000,000 common shares of the Company at an exercise price of \$0.23625 per share and expire on February 8, 2026. To the extent that the number of options granted under the New Grant exceeds the number of options permitted under the company's stock option plan, the New Grant is subject to the approval of the TSX Venture Exchange

and of the Disinterested Shareholders of the Corporation (as such term is defined in the policies of the TSXV) and will be presented for approval at the Company's next annual meeting of shareholders.

#### Braille Energy Systems Announces Lithium-Ion Battery Solution As Replacement For Lead Acid Batteries in Most Electronic Vehicles

On February 10, 2021, the Company announced the availability of the G20 and G30 lithium-ion battery product line as a replacement "plug and play" solution to current 12-volt lead acid batteries being utilized in most electric vehicles (EVs). This announcement coincides with news reports that a major electric vehicle manufacturer has discussed plans to transition to lithium-ion based accessory batteries in their current and future vehicles.

BESI's G20 replacement lithium battery was designed as a replacement alternative to lead acid batteries for standard automotive applications as well as in total loss applications where an alternator is not available.

The benefits of the Braille Battery lithium-ion replacement battery solution include:

- Reduced power consumption from the main battery bank compared to the current 12-volt lead acid solutions.
- Extended battery life compared to the current 12-volt lead acid batteries [more than ~2000 cycles (100% depth of discharge) in comparison to 12-volt lead acid batteries at ~300 cycles (80% depth of discharge)].
- Lower self-discharge rate (5X less than lead acid batteries) and ability to recharge much more efficiently than current electric vehicle batteries.
- Ability to last 5 times longer than current lead acid products, with increased reliability and significant weight reduction.
- Improved engine management characteristics and data logging, due to improvements in voltage stability.

#### Braille Energy Systems Inc. Announces Supply And Marketing Partnership With World Leading Tesla Performance Upgrade Company Unplugged Performance Inc.

On March 1, 2021, the Company announced that it has entered into a supply agreement with Unplugged Performance Inc. to exclusively supply 12V Lithium Batteries as part of its performance upgrade program on Tesla vehicles. The marketing agreement was finalized on February 16, 2021. Additionally, Braille Battery announces that it will be a key sponsor with Unplugged Performance in the Pikes Peak International Hill Climb (PPIHC) scheduled to take place on June 27, 2021 in Pikes Peak, Colorado.

#### **About Unplugged Performance**

Founded in 2013, Unplugged Performance is the world leader in premium performance upgrades for Tesla vehicles with its USA made line of stylish and high-performance parts. Unplugged performance was founded and incubated by the team behind the world-renowned automotive customizer Bulletproof Automotive. Unplugged Performance is the world's leading technology focused on customization and sports performance of Tesla Motors vehicles. All our products are professionally designed, prototyped and manufactured in house in Hawthorne, California next to Tesla's design centre.

**For additional product information from Unplugged Performance please visit their website at [www.unpluggedperformance.com](http://www.unpluggedperformance.com) or contact Ben Schaffer, President at 213-493-6323 or email at [SALES@UNPLUGGEDPERFORMANCE.COM](mailto:SALES@UNPLUGGEDPERFORMANCE.COM).**

#### Braille Energy Systems Overcomes Major Cold Weather Hurdle Common In Lithium -Ion Batteries for Its Fleet-Lite Group 31 Fleet Battery

On March 8, 2021, the Company announced that it has completed its Cold Weather Testing Program on its F31 FLEET-LITE Commercial Fleet Battery.

As previously communicated in a Company press release dated August 2, 2018, the F31 Lithium Battery was designed as a replacement alternative to Group 31 Lead Acid and AGM batteries primarily for

Commercial Trucking applications. The main attributes of the Braille Battery F31 lithium-ion replacement battery solution include:

- 1/3 the weight of a Traditional Group 31 Lead resulting which can result in an increase in payload and reduce work-related injuries
- "All in one" solution can be used for starting applications or deep cycle power supply
- Double the cranking amps of leading Group 31 AGM Batteries
- Longer lasting than traditional Lead Acid and AGM Batteries....6000+ Life Cycle
- Charges 5X faster than Lead Acid and AGM
- Can be connected to Solar Charger
- Maintenance free in comparison with lead-acid
- Manufactured in the USA
- Length of time it takes for F31's internal temperature to drop to -4°F (-20°C) from 104°F (40°C) under -22°F (-30°C) environment = **17 Hours**
- Length of time it takes about for F31's internal temperature to drop to -4°F (-20°C) from 104°F (40°C) under -40°F (-40°C) environment = **11 Hours**

The testing report was performed by Eurofins E&E North America, a leading global service for product safety approvals and regulatory certification of electrical products. Eurofins has facilities, accreditations, and 60 years of experience getting products approved and to market faster. Eurofins is qualified to NRTL certify products in over 200 UL Standard categories and can test up to an additional 230+ standards for the U.S. market. For Canada, Eurofins maintains a wide scope of SCC accreditations and also offers expert third-party testing to almost any product safety standard for the European Union or Asia Pacific.

#### **Qualified Person**

Dr. Joseph Doninger, BESI's Technical Consultant, is the Qualified Person under National Instrument 43-101 - Standards of Disclosure for Mineral Projects - has reviewed and approved the technical content of this news release. Dr. Doninger is an internationally recognized graphite processing expert and himself, the inventor of a number of patents and an author of over 27 technical papers and presentations related to graphite processing and the use of graphite in energy storage systems. Dr. Doninger is a co-editor on the NATO Science Series book titled "New Carbon Based Materials for Electrochemical Energy Storage Systems". Dr. Doninger is also an Honorary Professor at the Department of Chemistry from the Kiev National University of Technologies and Design.

#### Braille Energy Systems Inc. Announces Distribution Agreement With Leading North American Distributor

On March 30, 2021, the Company announced that it has secured an ongoing distribution agreement across its portfolio of Lithium Batteries with Magnacharge Battery Corporation. Based out of New Westminster, BC, Canada. Magnacharge has distribution facilities in all major centers across Canada from Coast-to-Coast as well as in the US with location in Michigan and Minneapolis.

For additional product and pricing information about the entire Braille Battery family of products and solutions, please visit our website at: [www.braillebattery.com](http://www.braillebattery.com) or please email the Company at [info@braillebattery.com](mailto:info@braillebattery.com).

#### **About Magnacharge Battery Corporation**

Magnacharge Battery Corporation is a leading battery supplier throughout Canada and US Midwest, with an extensive product line to power any and every application! From its Head Office and distribution facility in New Westminster, BC. Magnacharge is proud to be a "coast to coast" supplier with strategic distribution locations in Edmonton, Mississauga, Sudbury, London, Kingston, Montréal, Moncton as well as US branches in Minneapolis and Michigan.

#### Braille Energy Systems Inc. Signs MOU With Australian Battery Casing Technology Company Vaulta

During the quarter ended June 30, 2021, on May 10, 2021, the Company announced it has signed a Memorandum of Understanding ("MOU") with Australian battery casing company Vaulta (Battery Graphene Corp Pty Ltd). Vaulta uses a unique graphene technology in its cases which provides thermal

benefits and allows for a more efficient assembly process. Braille plans to utilize this technology as a differentiator while it continues to expand into additional new markets.

Under the terms of the MOU, both companies will work together to co-develop new battery products to bring to the market. Heat can be damaging to batteries and by using Vaulta's graphene case solution, heat will spread evenly throughout the pack which will enhance safety and extend cycle life of the battery. Through Braille's extensive network in automotive starter batteries, Vaulta's cases can be put to test immediately in harsh conditions that batteries are regularly exposed to, thus helping expedite bringing the technology to market.

The execution of this MOU creates a framework by which both parties can work collaboratively to establish viable projects and marketing activities to achieve increased market penetration and revenue potential. Additionally, both entities will explore and identify cost effective domestic (North America) manufacturing.

### **About Vaulta**

Vaulta is a battery casing technology company based in Brisbane, Australia. Its world-first design allows those building batteries to save money, time, weight, and space to utilize in a range of vehicles, while greatly increasing efficiencies in safety and work force deployment.

### Braille Energy Systems Inc. Announces Non-Brokered Private Placement

During the quarter ended June 30, 2021, on May 28, 2021, the Company announced it plans to complete a non-brokered private placement of up to 7,812,500 units (the "Units") of the Company at a price of \$0.32 per Unit (the "Offering Price") for aggregate gross proceeds to the Company of up to \$2,500,000 (the "Offering"). Each Unit will consist of one common share in the capital of the Company (a "Common Share") and one-half of one common share purchase warrant (each whole warrant, a "Warrant") of the Company. Each whole Warrant shall entitle the holder thereof to purchase one Common Share (a "Warrant Share") at a price of \$0.50 per Warrant Share for a period of 24 months from the date of issue.

The Offering is expected to close in tranches, with the first tranche to close as soon as possible subject to certain conditions including, but not limited to, the receipt of all necessary approvals, including the approval of the TSX Venture Exchange (the "Exchange"). The Units will be sold on a private placement basis to accredited investors pursuant to the "accredited investor" exemption or other available and agreed upon exemptions from prospectus requirements. The Common Shares, Warrants, and Warrant Shares will have a hold period of four months and one day from the date of issue.

The Company may pay finder's fees equal to 7% of the gross proceeds from a portion of the financing in cash, and 7% finders warrants equal to the number of Units issued as part of the Offering (the "Finder Warrants") in accordance with the policies of the Exchange. Each Finder Warrant entitles the finder to purchase one Unit at the Offering Price for a period of 24 months from closing of the Offering.

On June 11, 2021, the Company announced the closing of the first tranche of the financing for gross proceeds of \$1,500,000 of which \$1,000,000 closed conditionally, subject to TSXV approval of the creation of a new insider of the Company. The Company issued 4,687,500 Units at a price of \$0.32 per unit. The Common Shares, Warrants, and Warrant Shares will have a hold period of four months and one day until October 11, 2021.

Subsequent to the quarter ended June 30 2021, on July 13, 2021, the company announced the closing of the final tranche of the equity financing for additional gross proceeds of \$516,000 of which of which \$100,000 closed conditionally, subject to TSXV approval of the creation of a new insider of the Company. The Company issued 1,612,500 Units at a price of \$0.32 per unit. The Common Shares, Warrants, and Warrant Shares will have a hold period of four months and one day until November 13, 2021. The Company raised total proceeds of \$2,016,000 by issuing a total of 6,300,000 Units at \$0.32 per Unit.

## Braille Energy Systems Inc. Announces Appointment of Ivan Gissing to Management Team

Subsequent to the quarter ended June 30, 2021, on August 4, 2021, the Company announced it has engaged the services of Ivan Gissing (P. Eng.). Mr. Gissing will assume the role of General Manager of BESI responsible for all operations at both the Sarasota, Florida and Kingston, Ontario R&D facilities. Ivan is a seasoned General Manager with thirty years of experience successfully leading companies in product development and commercialization of disruptive technologies for the industrial power market. Mr. Gissing earned a degree in Electrical Engineering from Queen's University in Kingston, Canada, followed by a P. Eng. designation. He has decades of experience overseeing the successful development and commercialization of multiple new products. His interest in product/technology development was lit by his early career experience as an approval engineer with Canadian Standards Association (CSA) where he had the opportunity to work closely with development teams at major companies such as GE and Westinghouse to learn their development processes, witness the successes and see the opportunities for improvement in their development activities. Mr. Gissing has led innovative product development/market strategies for companies such as Melcher, BAE, Varta and Harper Detroit Diesel. He has driven product developments utilising technologies such as tubular plate lead-selenium battery cells for utility switchgear back-up power, aqueous supercapacitors for data centre back-up power, high power density AGM batteries for data centre back-up power, multielement antenna arrays for positive train control and ultra-wide input range DC-DC Converters for mission critical railroad power systems.

### **Exploration Activities**

#### **Romer Polymetallic (PGE-Au-Cu-Ni) Property**

The Romer Polymetallic property (the "Property") consists of 57 and two isolated map-designated ("CDC") mining claims (total surface area: 2,592.1 ha or 26 km<sup>2</sup>). The Property is located in the Labrador Trough sector of Nunavik, the northern division of the Nord-du-Québec administrative region. The Property straddles the junction between NTS 1:50,000-scale topographic sheets 24K-03 (Lac Géridot) and 24K-04 (Lac Thévenet), and covers portions of unpatented townships 5051, 5052 and 5151. It is bound by latitudes 58°06'30" and 58°12'30" North and longitudes 69°29'00" and 69°38'00" West.

The Property is an early-stage exploration project strategically located in the Labrador Trough which is currently considered one of the highest potential emerging regions of Québec for base (Cu-Zn-Ni) and precious (Au-PGE) metal mineralization.

In 2018 the Company wrote down the Romer property to \$Nil (\$1,000,000 in acquisition costs and \$278,724 exploration and evaluation assets), following the change of BESI's business activity after purchasing Braille Battery Inc in June 2018.

No work was conducted on the Romer property during the quarters ended March 31, 2019, June 30, 2019, September 30, 2019, December 31, 2019, March 31, 2020, June 30, September 2020, December 31, 2020, March 31, 2021 and June 30, 2021.

#### **Romer Property Claims Status**

During the quarter ended June 30, 2021, on May 4, 2021 the Company let 92 out of the original 149 CDC claims lapse owing to insufficient assessment work credits to allow for their renewal. Management intends to continue maintaining the remaining Romer property claims in good standing on e-GESTIM so long there is sufficient assessment work credits to allow for their biennial renewal.

The 57 Romer property claims were active and in good standing on e-GESTIM as of the reporting date. Four (4) of the 57 claims are set to expire in late September 2021 while the remaining 53 remain in good standing on e-GESTIM until May 2023.

## **Romer Property Development Outlook**

The Company is seeking a buyer or strategic partner to pursue the development of the Romer polymetallic property.

## **Qualified Person**

The above scientific and technical information regarding exploration activities as defined in National Instrument (NI) 43-101 s. 1.1, was reviewed and approved by Marc-André Bernier, M.Sc., géo., (Québec) and P.Geo. (Ontario), a consultant for the Company and a Qualified Person under NI 43-101 guidelines.

## **Battery Manufacturing and Energy Storage Operations**

### **Principal Products, Services, and Operations**

BESI's core business is Braille Battery's battery manufacturing and energy storage solutions operations. This Florida-based company is the pioneer of a complete line of lightweight high-powered battery systems for the professional motor sports industry and transportation market. Braille Battery developed the world's first commercially available automotive lithium starting battery and has grown to become the highest volume producer of automotive lithium starting batteries.

Braille Battery's technological achievements include battery containment using composite technologies; thermal management, high amperage solutions, high vibration designs, novel battery chemistries, battery controls and dual use chemistries. Braille Battery's ISO compliant manufacturing facility houses management offices, design and engineering, research and development, manufacturing, logistics and fulfillment. Braille is an FDA manufacturer and is GSA / CCR registered.

Braille Battery's achievements include numerous firsts in the industry, among them: development of the first carbon fiber battery; first Lithium-Ion automotive original equipment starting battery; first carbon Li-Ion battery; first European Community RoHS environmentally approved automotive battery; first lithium battery to win a Formula 1 Championship; first lithium battery to win Daytona 500, NASCAR and Le Mans Championships, and; the first Lithium Iron Phosphate energy storage solution for the U.S. defense industry.

### **Principal Products and Services**

Braille Battery manufactures its own lithium-ion battery line and distributes a full multi-level line of batteries and accessories pre-assembled by a network of suppliers. Braille Battery's products are sold through distributors and on-line, to individuals and companies for the automotive racing industry. Prior to the Company's purchase of its interest in Braille Battery, Braille Battery's revenues were approximately US\$2 million in 2014 and decreased to US\$1.86 million in 2015 and remaining at the same level in 2016 and 2017 at approximately US\$1.86 million. Revenue for the 2018 fiscal year was approximately \$2.5M of which \$691,201 was recognized in the 101 days after BESI acquired its interest in Braille and the year ended September 30, 2018. Revenue for the 2020 fiscal year was \$2,928,730 (compared to \$2,500,708 in 2019) and the revenue for the three and nine month period ended June 30, 2021 was \$990,752 and \$2,646,315 (compared to \$657,277 and \$2,129,116 for the three and nine month periods ended June 30, 2020).

## Operations

Braille Battery assembles its products at its facility in Sarasota, Florida by combining prefabricated components delivered by third-party suppliers and in-house fabricated components. Braille Battery offers custom designed battery application solutions. Customers can input their specific requirements for a custom battery and Braille Battery will assemble the product to the customers' specifications.

Braille Battery's manufacturing and assembly operations are located in Sarasota Florida, its current sole manufacturing and assembly location. Machinery and equipment required to operate the business are owned and leased by Braille Battery. Raw materials and component parts are widely available. Battery cells and parts are purchased from a network of approximately twenty-two different suppliers.

Braille Battery is the exclusive battery provider for a number of professional auto racing series, including Indycar, DTM, SuperGT and Australian V8 Supercars, along with many of the prototypes and GT cars in the IMSA TUDOR sports car series. Braille Battery is also a supplier to teams in NASCAR, Formula 1, Open Wheel, Drag Racing, Rally, and SCCA. Braille Battery's brand names include Micro-lite, Green-lite, Super 16 Volt Lithium, Intensity, Intensity Carbon, and Fleet-lite. Its AGM brands include: Endurance Series, Carbon AGM and Lightweight AGM.

Braille Battery has eight employees in administrative, marketing, sales, and manufacturing departments all located in Sarasota. The Sarasota Operations are currently undergoing a plant expansion and upgrade to meet current and expected future demand following the launch of the F31 Fleet-Lite Battery. The Company anticipates the expansion will be completed before the end of fiscal year.

## **Market**

Braille Battery manufactures, markets and sells Lithium and AGM battery and charging solutions to industries requiring light-weight, fast-charging, high-capacity, long runtime, safe, dependable energy systems. The main market segment to which Braille Battery sells its principal products is the automotive racing industry. This includes professional racing series, individual professional racing teams, and amateurs and hobbyists.

## **Braille Battery Marketing and Strategies**

Braille Battery products are marketed through direct sales, participation in industry events and trade shows, including the Daytona 500 and the SEMA Show. Braille Battery has adopted a tiered pricing policy. Market prices are offered to retail customers, and discounts are provided on volume orders by wholesalers, distributors, and dealers. Braille Battery batteries are designed, intended, promoted, sold and warranted in street and race vehicles, where many companies void warranty when used in racing applications.

## Competitive Conditions

Braille Battery's direct competitors are other light weight lithium ion battery producers: Smart Battery, Optima (Johnson Controls), Odyssey (Energys), XS Power, Super B, Lithium Pros. Braille Battery also competes, indirectly lead acid battery companies such as East Penn and Crown.

Braille Battery products are priced as premium products. In the lightweight AGM line, Braille Battery offers more power (pound for pound) compared to competitors. In the lithium market, Braille Battery's lithium batteries are used in more original equipment manufacturer (OEM) factory race cars and

professional race series and is the only lithium battery to have a less than 1% failure rate year after year compared to the typical “consumer grade” lithium batteries sold by other companies.

Political conditions which embrace non-traditional energy storage devices, such as lithium ion batteries will encourage new competitors into the marketplace specifically in Europe and China.

#### Braille Battery Future Developments

BESI plans to expand Braille Battery’s market penetration into a wider range of market segments that require light weight, high-performing energy solutions, using scientifically advanced materials. To this end;

- Braille Battery continues its commercial testing of its NEW Group 31 Fleet Lite Lithium Battery and Fleet Lite Marine Battery with a number of key industry partners, and anticipates-strong demand
- Braille Battery Sarasota facility expansion is in progress and aims to be operational by end of fiscal 2021 year end
- Braille Battery continues to work closely with Vaulta (Battery Graphene Corp Pty Ltd) as part of its MOU to bring innovative new battery case technology to the North American market.
- further to the press release dated March 1, 2021, Braille Battery received its first Purchase Order from Unplugged Performance for its lightweight 12 V Lithium Battery which will initially be going into Tesla Model 3 and Model Y modified by Unplugged Performance

## Financial Information

The following selected financial data is derived from the unaudited interim financial statements of the Company for the three and nine month periods ended June 30, 2021 and 2020 that were prepared in accordance with IFRS.

### Selected Financial Information

	Three months ended June 30, 2021	Three months ended June 30, 2020	Nine months ended June 30, 2021	Nine months ended June 30, 2020
	\$	\$	\$	\$
<b>Statement of Comprehensive Loss</b>				
Revenue	990,752	657,277	2,646,315	2,129,116
Cost of Goods Sold	(512,735)	(402,405)	(1,471,803)	(1,229,492)
Gross Profit	478,017	254,872	1,174,512	899,624
Operations Expenses	(435,190)	(411,061)	(1,546,266)	(1,364,891)
Net Profit (Loss) Before Tax	42,827	(156,190)	(271,313)	(489,508)
Other Comprehensive Income	12,936	-	12,936	2,067
Total Comprehensive Profit (Loss)	55,763	(156,190)	(258,377)	(489,442)
Basic and Diluted Loss per Common Share	0.001	(0.003)	(0.005)	(0.010)
Basic and Diluted Weighted-Average				
Number of Common Shares Outstanding	66,219,892	47,012,257	60,086,272	47,012,257
	Nine months ended June 30, 2021	Nine months ended June 30, 2020		
<b>Statement of Cash Flows</b>				
Cash Flows Used in Operating Activities	(722,568)	(211,811)		
Cash Flows From Investing Activities	(41,939)	-		
Cash Flows From Financing Activities	4,877,486	350,913		
Increase in Cash	4,062,979	139,103		
As at	June 30, 2021	September 30, 2020	September 30, 2019	
	\$	\$	\$	
<b>Statement of Financial Position</b>				
Cash	4,161,313	124,681	15,263	
Trade and Other Receivables	259,823	150,190	119,384	
Inventory	325,401	279,224	224,085	
Prepaid Expenses	441,572	92,076	79,759	
Property Plant and Equipment	123,221	103,595	88,628	
Total Assets	5,981,052	913,207	652,001	
Current Liabilities	1,098,189	2,188,640	1,534,264	
Total Liabilities	1,894,156	2,372,567	1,789,264	
Shareholders' Equity	4,086,896	(1,459,360)	1,137,263	

### Dividend Payment

Since its incorporation, the Company has not paid any dividends on its outstanding common shares. Any future dividend payment will depend on the Company's financial needs to fund its battery manufacturing and energy storage operations and exploration and development programs, future growth, and any other factors the board may deem necessary to consider. It is highly unlikely that any dividends will be paid in the near future.

## **Results of Operations for the Three and Nine Month Period Ended June 30, 2021**

### **Revenue and Other Income**

During the three and nine month periods ended June 30, 2021, the Company recognized revenues totalling \$990,752 and \$2,646,315 respectively (compared to \$657,277 and \$2,129,116 in the three and nine month periods ended June 30, 2020). This represents a 51% increase in revenue from the three month period ended June 30, 2020 to June 30, 2021 and a 24% increase in revenue from the nine month period ended June 30, 2020 to the nine month period ended June 30, 2021. In the three months ended March 31, 2021, the Company recognized revenue of \$840,338, compared to the \$990,752 revenue recognised in the three month period ended June 30, 2021, representing a 18% increase.

The revenue increase in the three month period ended March 31, 2021 was impeded by sales lost due to two main issues associated with delays in receiving lithium cells and the reduced availability of AGM batteries. The delays in receiving lithium cells was attributed to shipment transportation logistics. The Company's operations continue to be impacted by these shipping delays, however, it is mitigating by ordering more lithium cells in advance. This increased the inventory at June 30, 2021 to \$325,401 from \$270,794 at March 31, 2021, representing a 20% increase. The reduced availability of AGM batteries continues to be directly attributed to manufacturing delays. These issues with manufacturing are still expected to be resolved by the end of the fiscal year in September 2021.

The COVID-19 pandemic continues to impact the global economy, so its full impact remains to be determined. As a result, the exact effects of the pandemic maybe difficult to assess or predict with meaningful precision both generally and for the Company.

## **Results of Operations for the Three and Nine Month Period Ended June 30, 2021**

During the three and nine month period ended June 30, 2021, the Company realized a net profit of \$42,827 and a net loss of \$271,313 respectively (compared to net losses of \$156,189 and \$487,508 in the three and nine month period ended June 30, 2020).

During the three and nine month period ended June 30, 2021, the Company's operating expenses were \$435,190 and \$1,546,266 respectively (compared to \$411,061 and \$1,364,891 in the three and nine month period ended June 30, 2020).

The increase in net loss recognised in the three and nine months period ended June 30, 2021 was attributed to the following:

- Consulting fees incurred during the three and nine month periods ended June 30, 2021 were \$106,012 and \$467,762 respectively (compared to \$78,431 and \$200,252 incurred during the three and nine month periods ended June 30, 2020). The increase was attributed to the Company continuing to increase the size of its team of consultants, and commencing paying for services provided by the CFO
- Travel and Promotion expense incurred during the three and nine month periods ended June 30, 2021 were \$35,229 and \$117,934 respectively (compared to \$28,554 and \$60,710 incurred during the three and nine month periods ended June 30, 2020). The increase was attributed to the Company participating in an event with a client to promote Braille Battery's product offerings
- Stock based compensation expense incurred during the three and nine month periods ended June 30, 2021 were \$64,824 and \$132,516 respectively (compared to \$1,605 and \$1,605 incurred during the three and nine month periods ended June 30, 2020). The increase was attributed to the Company recognising contributed surplus associated with the quarterly vesting of 5% of the 3,000,000 options granted in the quarter to directors, officers, employees, and consultants, officers, at an exercise price of \$0.24 per share over 5 years

The Company recognised a total comprehensive profit of \$55,763 for the three month period ended June 30, 2021, representing a profit of \$0.001 per share, and a total comprehensive loss of \$258,377

for the nine month period ended June 30, 2021, presenting a loss of \$0.003 per share. This is compared to a total comprehensive loss of \$156,189 and \$487,441 recognized in the three and nine month period ended June 30, 2020 representing a loss of \$0.005 and \$0.01 per share respectively.

### **Cost of Goods Sold and Operating Expenses and Other Expenses**

During the three and nine month periods ended June 30, 2021, the Company's cost of goods sold were \$512,735 and \$1,471,803 with gross profits of \$478,017 and \$1,174,512 respectively. This represents gross profit margins of 48.2% and 44.4% respectively.

This is compared to cost of goods sold of \$402,405 and \$1,229,492 recognized in the three and nine month periods ended June 30, 2020, with gross profits of \$254,872 and \$899,624 respectively representing gross profit margins of 38.8% and 42.3%. The Company's gross profit margin is forecasted to continue to increase as it incorporates more automation processes into its battery assembly system in the next few quarters.

### **Quarterly Information**

The following selected financial data is derived from the unaudited interim financial statements of the Company, which were prepared in accordance with IFRS.

Period Ended	Other Income	Net Income (Loss)	Loss per share
	\$	\$	\$
30/06/21	-	42,827	0.001
31/03/21	97,850	(253,620)	(0.003)
31/12/20	(9,307)	(67,544)	(0.001)
30/09/20	(4,596)	65,788	0.001
30/06/20	-	(156,189)	(0.0033)
31/03/20	2,067	(133,733)	(0.003)
31/12/19	2,067	(199,581)	(0.001)
30/09/19	(2,416,486)	(2,491,686)	(0.03)
30/06/19	(68,051)	(18,394)	(0.0004)
31/03/19	(38,776)	(163,914)	(0.004)

- During the quarter ended September 30, 2019, the Company wrote-off \$2,285,641 of its goodwill and intangible assets resulting in the recognition of a net loss of \$2,491,686.
- During the quarter ended March 31, 2021, the Company recognized other income of \$97,850 attributed to the forgiveness of a US\$77,250 loan the Company secured under the Payment Protection Program. The purpose of this loan was for the federal government to provide payroll support to companies in response to the economic difficulties caused by COVID-19.

### **Liquidity and Capital Resources**

The Company has a working capital of \$4,110,909 at June 30, 2021 (working capital deficiency of \$1,527,603 at September 30, 2020), including \$4,161,313 in cash and current liabilities totalling \$1,098,189 due within the next 12 months, as compared to a working capital deficiency of \$1,284,469 at June 30, 2020.

BESI's budget, on a consolidated basis with Braille Holdings (following the close of the transaction whereby the Company purchased 89.95% interest in Braille Holdings from Grafoid) for the 12 months is \$2.8M. The budget covers the operation expenditures of Braille Battery, Braille Holdings' wholly owned subsidiary. The Company's ability to continue as a going concern is dependent on Braille

Battery's revenues generated from the battery sales, as well as additional financing, through various means including but not limited to equity financing and the exercise of convertible securities, to operate its battery company, discharge its current liabilities, meet its corporate administrative expenses.

### Contractual Obligations and Off-Balance Sheet Arrangements

As of June 30, 2021, the Company has no off balance sheet arrangements and no contractual obligations.

### Commitment and Proposed Transactions

As of March 31, 2021, and as of the date of this report the Company did not have any commitments outstanding except for the following;

- US\$135,000 penalty payable to the Federal Aviation Administration (FAA) following the assessment of a civil penalty. The penalty is interest free and payable in installments and the final installment of US\$50,000 is due to be paid in full to the FAA by September 30, 2021.

There are no undisclosed pending proposed transactions that would materially affect the performance or operation of the Company.

### Related Party Transactions

<b>Amount Due from related parties</b>	<b>June 30, 2021</b>	<b>September 30, 2020</b>
	\$	\$
Focus Graphite	2,500	2,500
JAG Equipment	10,000	10,000
Officer of the company	2,467	2,366
	<b>14,967</b>	<b>14,866</b>

<b>Amount Due to related parties</b>	<b>June 30, 2021</b>	<b>September 30, 2020</b>
	\$	\$
<b>Current</b>		
Grafoid Inc.	6,510	683,641
9174893 Canada Inc	129,274	125,875
Focus Graphite	37,732	36,737
Fabracor Inc	151	151
GGTC Inc.	123,366	88,018
JAGAL	27,628	31,640
Director of the Company	1,284	-
Muanalysis	1,356	1,356
Officer of the company	-	2,819
Thombeth Holding Inc	7,094	152,631
	<b>334,395</b>	<b>1,122,868</b>

Long Term		
9174893 Canada Inc.	<b>40,000</b>	40,000
9174893 Canada Inc.	<b>43,439</b>	43,439
	<b>83,439</b>	83,439

#### Other Officers of the Company

As at June 30, 2021, included in amounts due from related party is a corporate travel advance of \$2,467 (2020 - \$2,366) made to an Officer of the Company.

#### 9174893 Canada Inc.

As at June 30, 2021, included in amounts due to related parties is an amount of \$129,274 (2020 - \$125,875) due to an Officer of the Company. The amount relates to a loan of \$85,327 (2020 - \$85,327), accrued interest of \$43,946 (2020 - \$37,532) and loss on foreign exchange of \$Nil (2020 - \$Nil). The loan provided in US dollars, was given to the Company to provide working capital and was payable on May 31, 2019. The loan bears interest at a rate of 10% per annum. The loan has been extended to a maturity date of May 31, 2020. During the quarter ended June 30, 2021, the Officer charged the Company interest \$Nil (2020 - \$18,371). During the period ended June 30, 2021, the Company made \$Nil loan repayments (2020 - \$Nil).

As at June 30, 2021, included in amounts due to related parties is an amount of \$40,000 (2020 - \$40,000) due to an Officer of the Company. The amount relates to a loan of \$40,000. The loan agreement entered by the Company and the Officer on April 10, 2018. The loan is repayable on Feb 1, 2023. The Company was charged one time 10% setup fee due on the inception of the loan agreement. During the period ended June 30, 2021, the officer charged the Company interest of \$Nil (2020 - \$Nil).

As at June 30, 2021, included in amounts due to related parties is an amount of \$43,439 (2020 - \$43,439) due to an Officer of the Company. The amount relates to a loan of \$50,992. The loan agreement entered by the Company and the Officer on February 1, 2018 from converting an outstanding balance of consulting fees of \$50,992 as at January 31, 2018 in consulting fees due to the Officer. The loan is repayable on February 1, 2023. The loan bears interest at a rate of 10% per annum and one time 2% setup fee due on the inception of the loan agreement. During the period ended June 30, 2021, the Officer charged the Company interest of \$Nil (2020 - \$3,736). During the period ended June 30, 2021, the Company made loan repayments of \$Nil (2020 - \$Nil).

#### Focus Graphite Inc.

During the period ended June 30, 2021, the Company was charged \$Nil (2020 - \$3,469) by Focus Graphite Inc. ("Focus"), which shares common management, for accounting and administrative services and other administrative expenses. During the period ended June 30, 2021, the Company was charged \$Nil (2020 - \$Nil) by Focus for a portion of a salary expenses in relation to time spent by Focus employee on the Braille Battery purchase by the Company. As at June 30, 2021, an amount of \$37,732 (2020 - \$36,737) is included in amounts due to related parties

#### GGTC Inc. (formerly 9229205 Ontario Inc.)

The Company currently leases space on a monthly basis from GGTC Inc. (formerly 9229205 Ontario Inc.) ("GGTC"), a privately-held company owned by two Directors of the Company. This lease arrangement started in July 2018 for approximately two years, the Company is charged \$2,483 per month (net of taxes) as effective from October 01, 2019. During the period ended June 30, 2021, GGTC charged the Company \$8,412 (2020 - \$22,035) in rent expenses. As at June 30, 2021, included in amounts due to related parties was an amount of \$123,366 (2020 - \$ 88,018).

### Grafoid Inc.

On June 21, 2018, the Company acquired Braille Battery from Grafoid. As a part of consideration, \$499,157 (US\$500,000) is due in the form of an interest free promissory note due on January 1, 2020. During the quarter Grafoid has participated \$1,000,000 in BESl's equity financing at \$0.32 per unit and purchased 3,125,000 units which consist of 3,125,000 shares and 1,562,500 warrants at \$0.50 per share over 2 years.

As at June 30, 2021, an amount of \$6,510 (2020 - \$683,641) is included in the amounts due to related parties.

### JAG Equipment Leasing Inc. (formerly 2395141 Ontario Inc.)

The Company used to lease equipment on a monthly basis from JAG Equipment Leasing Inc. (formerly 2395141 Ontario Inc). ("JAG Equipment"), a privately-held company owned by two Directors of BESl. This lease ended in July 2017. As at June 30, 2021, included in amounts due from related parties was an amount of \$10,000 (2020 - \$10,000) due to JAG Equipment.

### JAGAL

During the period ended June 30, 2021, the Company was charged \$0 (including HST) (2020 - \$13,560) for equipment rental fees. As at June 30, 2021, included in accounts payable and accrued liabilities is \$27,628 (2020 - \$31,640).

### MuAnalysis

As at June 30, 2021, included in amounts due to related parties is an amount of \$1,356 (2020 - \$1,356) which shares common management with the Company. During the period ended June 30, 2021, Muanalysis charged the Company \$Nil (2020 - \$Nil) in rent expenses.

### Thombeth Holdings Inc.

During the period ended June 30, 2021, the Company was charged \$18,415.5 (2020 - \$39,691) by Thombeth Holdings Inc. ("Thombeth"), a privately held company owned by a Director of the Company, for consulting fees. As at June 30, 2021, an amount of \$7,094 (2020 - \$152,631) is included in amounts due to related parties.

## **Financial Instruments**

The table below summarizes the carrying values of the Company's financial assets and financial liabilities

	<b>June 30, 2021</b>	September 30, 2020
	<b>\$</b>	\$
Assets - based on amortized cost (1)	<b>4,436,103</b>	289,737
Liabilities - based on amortized cost (2)	<b>1,774,360</b>	1,918,704

(1) Includes cash, trade and other receivables and amounts due from related parties

(2) Includes accounts payable and accrued liabilities, line of credit, long term debt, penalty payable, lease obligation and amounts due to related parties.

The carrying values of cash, trade and other receivables, amounts due from related parties, accounts payable and accrued liabilities, penalty payable, amounts due to related parties approximate their fair values due to their relatively short periods to maturity.

## Outstanding Share Data

Common shares and convertible securities outstanding at August 30, 2021 consist of the following:

Securities	Expiry Date	Exercise Price	Number of Securities Outstanding
Common shares	-	-	80,939,747
Warrants	12 July 2023	\$0.50	3,197,250
Options	February 8, 2026	\$0.05 to \$0.24	8,667,273

## Subsequent Events

[Braille Energy Systems Inc. Signs MOU With Australian Battery Casing Technology Company Vaulta](#)

Refer to the “Corporate Development Highlights”

[Braille Energy Systems Inc. Announces Non-Brokered Private Placement](#)

Refer to the “Corporate Development Highlights”

[Braille Energy Systems Inc. Announces Appointment of Ivan Gissing to Management Team](#)

Refer to the “Corporate Development Highlights”

## Risk management

The Company thoroughly examines the various financial risks to which it is exposed and assesses the impact and likelihood of those risks. These main types of risk are market risk, credit risk and liquidity risk. Where material, these risks are reviewed and monitored by the Board of Directors.

### Market risk

The Company is exposed to market risk through its use of financial instruments and specifically to currency risk and other price risks, which result from its operating activities. Foreign exchange gains and losses resulting from the settlement of foreign currency transactions and from the remeasurement of monetary items denominated in foreign currency at period-end exchange rates are recognized in profit or loss.

### Credit risk

Credit risk is the risk of an unexpected loss if a party to its financial instruments fails to meet its contractual obligations. The Company’s only significant financial asset exposed to credit risk is cash and maximum exposure is equal to the carrying value of this asset. The Company’s cash is held at a Canadian chartered bank. It is Management’s opinion that the Company is not exposed to significant credit risk. There has been no change to Management’s assessment of credit risk compared with prior year.

### Liquidity risk

Liquidity risk is the risk that the Company will not be able to meet its financial obligations as they fall due. The Company manages its liquidity needs by carefully monitoring cash outflows due in day-to-day business as well as any anticipated transactions. The Company has working capital of \$4,110,909 at June 30, 2021 including \$4,161,313 in cash and current liabilities totaling \$1,098,189 due within the

next twelve months. Liquidity risk has gone down based on Management's assessment of liquidity risk as compared with the prior year.

### **Capital management**

The Company manages its capital to ensure its ability to continue as a going concern and to provide an adequate return to its shareholders. In the management of capital, the Company includes the components of shareholders' equity. The Company manages the capital structure and makes adjustments to it in light of changes in economic conditions and the risk characteristics of the underlying assets. To maintain or adjust the capital structure, the Company may attempt to issue new shares or acquire or dispose of assets. The Company is not subject to any external capital requirements, neither regulatory nor contractual. In order to facilitate the management of its capital requirements, the Company prepares annual budgets that are updated as necessary depending on various factors, including successful capital deployment and general industry conditions.

### **Interest Rate Risk**

Interest rate risk is the risk that the future cash flows of a financial instrument will fluctuate because of changes in market interest rates. The Company's financial assets exposed to interest rate risk include any cash held in investment savings accounts bearing variable interest rates. The Company has not entered into any derivative contracts to manage this risk. The Company's policy as it relates to its cash balances is to invest excess cash in savings bank account.

The Company has limited exposure to financial risk arising from fluctuations in variable interest rates earned on cash given the low interest rates currently in effect and the low volatility of these rates.

### **Currency Risk**

Prior to the acquisition with Grafoid, the Company's mineral interest is located in Quebec, Canada as such the Company's exposure to foreign exchange fluctuation is minimal and the associated risk is also minimal as most of the Company's activities are transacted in Canada.

Following the acquisition of Braille Battery, the Company's foreign currency transactions are translated into the presentation currency of the respective entity, using the exchange rates prevailing at the dates of the transactions (spot exchange rate). Foreign exchange gains and losses resulting from the settlement of such transactions and from the remeasurement of monetary items denominated in foreign currency at year-end exchange rates are recognised in profit or loss.

### **Risk Factors for Braille Battery Business**

Risk factors for Braille Battery include, but are not limited to; the reliance on intellectual property, costs of production, production capacity and supply chain risks, regulatory burdens and compliance with law regulating the manufacture or transportation of batteries, dependence on a single assembly facility for the near-term, risks related to international sales, warranty claims and product liability, adverse business or financial conditions affecting the automobile and energy storage industries, unprofitable operating history, regulatory investigations and reliance on key personnel.

### **Reliance on Patent License**

The products made by Braille Battery rely on intellectual property. The terms of the license may change or be subject to expiry or termination challenged by a third party at any time. The ownership of intellectual property licensed under a license agreement may be challenged or disputed by a third party at any time. Grafoid holds the patents on which Braille Battery relies.

### **Commodities Markets and Production Cost**

The Company may face rising prices of raw materials necessary to produce the products it sells. The result could include higher cost of production, inability to produce its products in sufficient quantity and quality, inability to sell its technology and products, inability to produce in large enough quantities, and

the possibility of technology obsolescence such that licensing interests disappear. BESI depends on certain raw materials for the manufacture of anodes, cathode and separators. Such raw materials, especially lithium salts may be in short supply. As Lithium-ion battery demands escalates there could be significant raw material shortage and BESI may be unable to produce or deliver products to its customers or meet its cost targets due to escalation of prices of its raw materials.

### **Production Capacity**

The Company may not be able to meet its targets which includes the inability to convert pipeline to purchase orders or if such purchase orders are received, the inability to deliver on those purchase orders or the inability to collect on those purchase orders, even if the product is delivered. BESI may not be able to establish anticipated levels of high-volume production on a timely, cost-effective basis or at all. It has never assembled batteries in substantially large quantities and it may not be able to maintain future commercial production at planned levels.

### **Laws Regulating the Manufacture or Transportation of Batteries**

Laws regulating the manufacture or transportation of batteries may be enacted which could result in a delay in the production of batteries or the imposition of additional costs that could harm BESI's ability to be profitable. Laws and regulations exist today, and additional laws and regulations may be enacted in the future, which impose environmental, health and safety controls on the storage, use and disposal of certain chemicals and metals used in the manufacturing and assembly of lithium-ion batteries. Complying with any laws or regulations could require significant time and resources from its technical staff and possible redesign of one or more of Braille Battery's products, which may result in substantial expenditures and delays in the production of one or more of its products, all of which could harm the Resulting Issuer's business and reduce its future profitability. The transportation of lithium and lithium-ion batteries is regulated both domestically and internationally. Compliance with these regulations, when applicable, increases the cost of producing and delivering products.

### **Supply Chain Risks**

The Company may be exposed to supply chain risks. If the supply chain cannot deliver the amount of products required or fails to deliver the products with sufficient quality, BESI will not be able to assemble and deliver its products.

### **Risks of Industry That Produces Devices Or Products Containing Energy**

BESI may be exposed to certain risks as a result of being in an industry that produces devices or products containing energy. Lithium-ion polymer batteries can become hazardous under some circumstances. In the event of a short circuit or other physical, electrical or thermal damage to these batteries, chemical reactions may occur that release excess heat or gases, which could create dangerous situations, including fire, explosions and releases of toxic fumes. The Company's batteries may emit smoke, catch fire or emit gas, any of which may expose the Company to product liability litigation. In addition, these batteries incorporate potentially hazardous materials, which may require special handling, and safety problems may develop in the future. Product failure or improper use of lithium-ion polymer battery products, such as the improper management of the charging/discharging system, may also result in dangerous situations. The raising of any health or safety concerns could affect BESI's reputation and sales. Moreover, changes in environmental or other regulations affecting the assembly, transportation or sale of the Company's products could adversely affect its ability to assemble or sell its products or result in increased costs or liability.

### **Resources to Process and Remedy Warranty Claims**

BESI may be required to devote significant financial and management resources to processing and remedying warranty claims. If product liability issues arise, the Company could incur significant expenses and suffer damage to its reputation and the market acceptance of its products.

## **Pandemic Risk**

The outbreak and spread of COVID-19, declared a pandemic by the World Health Organization, has already had significant human, political, and economic consequences around the world. COVID-19 is still evolving, and its full impact remains to be determined. However, its effects include financial market volatility, interest rate cuts, disrupted movement of people and diminished consumer confidence. The effects of the coronavirus may be difficult to assess or predict with meaningful precision both generally and as an industry- or issuer-specific basis. This is an uncertain issue where actual effects will depend on many factors beyond the control of the Company.

## **International Operations and Sales Subject To Certain Risks**

The Company's international operations and sales subject the entity to a number of risks, including unfavorable political, regulatory, labor and tax conditions. Risks inherent to international operations and sales, include, but are not limited to, the following:

- difficulty in enforcing agreements, judgments and arbitration awards in foreign legal systems;
- fluctuations in exchange rates may affect product demand and may adversely affect our profitability in U.S. dollars to the extent the cost of raw materials and labor is denominated in a foreign currency;
- impediments to the flow of foreign exchange capital payments and receipts due to exchange controls instituted by certain foreign governments and the fact that the local currencies of these countries are not freely convertible;
- inability to obtain, maintain or enforce intellectual property rights;
- changes in general economic and political conditions;

## **Additional Information and Continuous Disclosure**

This Management's Discussion and Analysis has been prepared as of August 30, 2021. Additional information on the Company is available through regular filings on SEDAR ([www.sedar.com](http://www.sedar.com)).

(s) Lindsay Weatherdon

Chief Executive Officer

(s) Judith T. Mazvihwa-MacLean

Chief Financial Officer