This presentation contains "forward-looking information" within the meaning of applicable Canadian securities legislation and United States federal securities laws. forward-looking information includes, but are not limited to, estimates and statements with respect to Zenyatta Ventures Ltd. future exploration and development plans, objectives or goals, to the effect that Zenyatta or management expects a stated condition or result to occur, including the FDA, expected timing for release of sample analyses and a resource estimate, the expected use for graphite in the future, and the future uses of the graphite from Zenyatta's Mount Polley deposit, the adequacy of Zenyatta's financial resources, business plans and strategy, and other events or conditions that may occur in the future. Generally, forward-looking information can be identified by the use of forward-looking terminology such as "potential", "plans", "expects", or "does not expect", "is expected", "budget", "scheduled", "estimates", "forecasts", "indicates", "anticipates", or "does not anticipate", or "believes" or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might", or "will be taken", "occur", or "be achieved". The following table outlines certain significant forward-looking information contained on this website provides the material assumptions used to develop such forward-looking statements and material risk factors that could cause actual results to differ materially from the forward looking statements.

Forward Looking Statements

Zenyatta’s properties may contain economic deposits of graphite and/or other metals financing will be available for future exploration and development of Zenyatta’s properties; the actual results of Zenyatta’s exploration and development; graphite & graphite price volatility; uncertainties involved in interpreting geological data and confirming title to acquired properties; activities will be favourable; operating, exploration and development costs will not exceed Zenyatta’s expectations; the Company will be able to retain and attract skilled staff; all applicable regulatory and government exploration & processing results will not be consistent with Zenyatta’s expectations; increases in costs; environmental compliance and changes in applicable environmental laws; Zenyatta’s ability to retain and attract skilled staff; Zenyatta’s properties will be carried at the lower of cost or estimated fair value.

Zenyatta will be able to carry anticipated business plans, including costs and timing for future exploration on its properties. Zenyatta’s exploration activities, and the costs associated therewith; Zenyatta’s current expectations; debt and equity markets; exchange; graphite & graphite price volatility; changes in debt and equity markets; timing and availability of external financing on acceptable terms and interest rates and other applicable economic conditions are favourable to Zenyatta; financing will be available for Zenyatta’s exploration and development; the uncertainties involved in interpreting geological data and confirming title to acquired properties; the possibility that future activities and the results thereof will be favourable; the Company will be able to retain and attract skilled staff; all applicable regulatory and government exploration & processing results will not be consistent with Zenyatta’s expectations; increases in costs; environmental compliance and changes in applicable environmental laws; Zenyatta’s properties will be carried at the lower of cost or estimated fair value.

Management’s outlook regarding future trends financing will be available for Zenyatta’s exploration and operating activities; global demand for the use and application of graphite will increase; the price of graphite & graphite price volatility; changes in debt and equity markets; interest rate and exchange rate fluctuations; changes in economic and political conditions; Zenyatta’s ability to retain and attract skilled staff; Zenyatta’s properties will be carried at the lower of cost or estimated fair value.

Statements relating to "reserves" or "resources" in this Presentation are deemed to be forward-looking statements, based on certain assumptions and information that the reserves and resources described can be profitably produced in the future. Inherent in forward-looking statements are risks, uncertainties and other factors beyond Zenyatta’s ability to predict or control. Readers are cautioned that the above short does not contain an exhaustive list of the factors or assumptions that may affect the forward-looking statements, and that the assumptions underlying such statements may prove to be incorrect. Actual results and developments are likely to differ, and may differ materially, from those expressed or implied by the forward-looking statements contained in this Presentation. Forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause Zenyatta’s actual results, performance or achievements to be materially different from any of its future results, performance or achievements expressed or implied by forward-looking statements. All forward-looking statements herein are qualified by this cautionary statement. Zenyatta disclaims any intention or obligation to update, change, or correct any forward-looking statements whether as a result of new information, future events or otherwise, except to the extent required by applicable laws.

Cautionary Note Regarding Mineral Reserve and Resource Estimates

See "Technical Report on the Abitibi Deposits, Northern Ontario, Canada", authored by David Ross, P.Geo., and Katherine M. Mason, P.Geo., of Roscoe Postle Associates Inc. who are independent "qualified persons" as defined by National Instrument 43-101. The Technical Report was issued on January 16, 2004 and may be found under the Company’s profile on SEDAR at www.sedar.com and at www.zenyatta.ca. This presentation has been prepared in accordance with the requirements of Canadian securities legislation and is not affected by the requirements of United States securities laws. Unless otherwise indicated, all mineral reserve and resource estimates included in this presentation have been prepared in accordance with the requirements of the Canadian Securities Administrators' National Instrument 43-101 and the Canadian Institute of Mining and Metallurgy Classification System. NI 43-101 is a rule developed by the Canadian securities regulatory authorities that establishes standards for all public disclosure an issuers’ investment in scientific and technical information concerning mineral projects. Canadian standards, including NI 43-101, differ significantly from the requirements of the U.S. Securities and Exchange Commission ("the SEC") and resource and reserve information contained herein may not be comparable to similar information disclosed by U.S. companies. In particular, and without limiting the generality of the foregoing, the term "mineral resource" does not have a standardized definition under NI 43-101. Therefore, the term "mineral resource" can have meanings that are different from those generally used in the United States. Accordingly, there may be a significant risk that investors are exposed to a potential conflict of interest in reliance on Zenyatta’s "mineral resources" that may not be comparable to similar information disclosed by U.S. companies. In addition, the SEC allows disclosures of "reserves" under certain circumstances where such "reserves" would not otherwise be permitted under NI 43-101. The SEC's disclosure standards normally do not permit the inclusion of information concerning "measured mineral resources," "indicated mineral resources," or "inferred mineral resources" or other descriptions of the amount of mineralization in mineral deposits that do not constitute "reserves" by U.S. standards in documents filed with the SEC. U.S. investors should also understand that "inferred mineral resources" have a great amount of uncertainty as to their existence and great uncertainty as to their economic and legal feasibility. It cannot be assumed that all or any part of an "inferred mineral resource" will ever be upgraded to a higher category. The reserve definitions under National Instrument 43-101 – Standards of Disclosure for Mineral Projects and has reviewed and approved the technical information contained in this presentation.
An emerging graphene technology company with a unique graphite resource

- 100% control of the Albany Project - a unique microcrystalline graphite deposit
- Albany Project yields a significant advantage in the graphene market
- Participating in Innovative Graphene R&D and Product Marketing
Development of market potential for graphene derived from Albany Graphite

Focus on graphite markets:

2013: Initial resource estimate announced

2015: PEA completed on high purity graphite model

Focus on graphene markets:

2018: Shareholders elect new board with focus on high value graphene products

2019: Bulk sample program, graphene conversion testing, product and market development

Focus on graphite markets:
# 2019-2020: Path towards graphene commercialization

<table>
<thead>
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<th></th>
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<tbody>
<tr>
<td>Complete metallurgical studies and purification, plant design and engineering</td>
<td>Collect Bulk Sample</td>
<td>Continue graphene product R&amp;D and market development</td>
<td>Produce 99.8% pure graphite concentrate Initiate environmental baseline studies</td>
<td>Establish graphene pilot-scale production facility</td>
<td>Begin offering graphene products for revenue and price discovery</td>
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## Albany Graphite Deposit – Graphene Precursor Material

<table>
<thead>
<tr>
<th></th>
<th>Tonnes (Mt)</th>
<th>Grade (% Cg)</th>
<th>Contained Graphitic Carbon (t)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Above Sill Mineralization</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Indicated</td>
<td>24.3</td>
<td>3.98</td>
<td>968,000</td>
</tr>
<tr>
<td>Inferred</td>
<td>5.4</td>
<td>2.58</td>
<td>138,000</td>
</tr>
<tr>
<td><strong>Below Sill Mineralization</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Indicated</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Inferred</td>
<td>11.5</td>
<td>2.67</td>
<td>307,000</td>
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<tr>
<td><strong>Total Indicated</strong></td>
<td>24.3</td>
<td>3.98</td>
<td>968,000</td>
</tr>
<tr>
<td><strong>Total inferred</strong></td>
<td>16.9</td>
<td>2.64</td>
<td>445,000</td>
</tr>
</tbody>
</table>

### 3D Deposit Model
Deposit open at depth

*Per RPA 2015 PEA Report (This does not include mineralization below the sill)*

(see July 9, 2015 PEA report at www.zenyatta.ca)
Albany Graphite Advantage

- Albany’s unique deposit, resulting in very fine grained graphite crystallites, yields an ideal graphite product for conversion to graphene and graphene oxide

- High Value Graphene productivity improved up to 1500% with Albany Graphite versus flake graphite (Tokyo Tech Research)

- The optical absorbance of the ZEN graphene dispersion was 2-10 times better than the other 3 tested reference samples (Tokyo Tech Research)
Albany graphite conversion to Graphene and Graphene Oxide

Dr. Arao from Tokyo Tech
“We have tested many types of natural graphite but found ZEN’s graphite material to have better exfoliation performance and produce better graphene particles than the reference materials.”

High-Purity Carbon

Mechanical (sonication)
Graphene (Israel, Japan, UK, USA, Canada)
Easily dispersible in water

High-Purity Carbon

Chemical (modified hummers method)
Graphene Oxide (Canada)
Excellent yields, powder or dispersion
Immediate Opportunity in Concrete

High strength concrete using graphene enhanced admixtures

Work at University of Toronto
- Increased Compressive Strength by 39% with a low loading of 0.02% Graphene
- Increased Flexural Strength by 81% with a low loading of 0.02% Graphene Oxide

Work at Ben-Gurion University
- Faster curing time - from 28 to 8 days
- Use 25% less cement therefore reduce CO₂ by same amount
- Increased compressive strength by 34% and tensile strength by 62%

- Applications work on Albany tailings as a partial cement replacement and filler material for the concrete industry
- Currently seeking industrial partnerships focusing initially on large volume markets for graphene
Other Potential Graphene Markets

- Composites for vehicle manufacturing
- Additive to jet fuels, bio-diesel (reduces CO2 emissions)
- Aerospace applications
- Silicon graphene batteries
- Military applications
- Fuel cells
- Applications yet to be discovered
Albany Graphene Value Proposition

2019 Updated PEA based on Graphene will be based on:
• Higher pricing for Graphene and Graphene Oxide
• Increased recoveries from 75% to 90%
• Simplified, lower cost process flowsheet
The strategic vision for the Company is to become a technology company built on the unique Albany graphite resource.
Strong Management
with a focus on business development

Management and Board
Dr. Francis Dubé OD, BSc
CEO and Chairman
Brian Bosse CFA
CFO, Director
Peter Wood MSc, P.Eng., P.Geo.
President & COO
James Jordan BSc, P.Eng.
Project Manager
Greg Fenton CFA
Director
Frank Klees
Director
Eric Wallman CPA, CA
Director

Consultants and Advisors
Dr. Bharat Chahar PhD, P.E.
Don Hains BSc, MBA, P.Geo.
Tadashi Yamashita MSc
Dr. Andrew Conly PhD
Donald Bubar MSc, P.Geo.

Graphene Product Development Team
Dr. Colin van der Kuur BSc, Mdiv, DMin
Philippe Chataigneau
Monique Manaigre
<table>
<thead>
<tr>
<th>Capital Structure</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Shares Issued</td>
<td>74,333,569 (as at December 31, 2018)</td>
</tr>
<tr>
<td>Warrants</td>
<td>982,567 @ $0.83 (expiry 11 Jun 2019)</td>
</tr>
<tr>
<td>Warrants</td>
<td>845,000 @ $1.65 (expiry 11 Aug 2019)</td>
</tr>
<tr>
<td>Warrants</td>
<td>368,157 @ $1.00 (expiry 17 Dec 2019)</td>
</tr>
<tr>
<td>Warrants</td>
<td>655,848 @ $0.80 (expiry 22 Jun 2020)</td>
</tr>
<tr>
<td>Options</td>
<td>4,440,000 @ avg. weighted price $0.69</td>
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<tr>
<td>Fully Diluted</td>
<td>81,624,984</td>
</tr>
</tbody>
</table>

TSXV: ZEN
OTCQB: ZENYF
All The Right Parameters

- An emerging high tech graphene materials company with a strong competitive advantage
- Large supply of graphene precursor material from the globally unique Albany deposit
- Focus on the high growth graphene market while developing innovative applications
- Albany graphite converts easily to high value graphene due to its unique characteristics
- Solid business plan to rapidly enter the graphene market by Q4 2019
- Focus on finding industry partners
- Strong management team
- Solid relationship with Constance Lake First Nation - signed an MOU toward creating a new business partnership for project development
- Commitment to high environmental and socially responsible standards