ZENTEK LTD.

CONSOLIDATED FINANCIAL STATEMENTS

For the years ended March 31, 2024 and 2023

(Expressed in Canadian Dollars)

ZENTEK LTD.

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Report of Independent Registered Public Accounting Firm

Shareholders and Board of Directors Zentek Ltd. Thunder Bay, Ontario

Opinion on the Consolidated Financial Statements

We have audited the accompanying consolidated statements of financial position of Zentek Ltd. (the "Company") as of March 31, 2024 and 2023, the related consolidated statements of loss and comprehensive loss, changes in equity and cash flows, for each of the years then ended, and the related notes (collectively referred to as the "consolidated financial statements"). In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of the Company at March 31, 2024 and 2023, and the results of its operations and its cash flows for the each of the years then ended in conformity with International Financial Reporting Standards as issued by the International Accounting Standards Board.

Substantial Doubt About the Company's Ability to Continue as a Going Concern

The accompanying consolidated financial statements have been prepared assuming that the Company will continue as a going concern. As discussed in Note 1 to the consolidated financial statements, the Company has suffered recurring losses from operations and has an accumulated deficit that raise substantial doubt about its ability to continue as a going concern. Management's plans in regard to these matters are also described in Note 1. The consolidated financial statements do not include any adjustments that might result from the outcome of this uncertainty.

Basis for Opinion

These consolidated financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on the Company's consolidated financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) ("PCAOB") and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement, whether due to error or fraud. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audits we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control over financial reporting. Accordingly, we express no such opinion.



Our audits included performing procedures to assess the risks of material misstatement of the consolidated financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. We believe that our audits provide a reasonable basis for our opinion.

BDO Canada LLP

Chartered Professional Accountants

We have served as the Company's auditor since 2022.

Vancouver, Canada June 26, 2024

ZENTEK LTD. CONSOLIDATED STATEMENTS OF FINANCIAL POSITION

	As at March 31, 2024	As at March 31, 2023
(Stated in Canadian Dollars)	\$	\$
ASSETS		
Current assets		
Cash and cash equivalents [note 13]	3,521,420	10,357,317
Accounts and other receivables - net [note 4]	296,530	569,008
Loan receivable [note 5]	543,263	2,983,642
Inventories [note 6]	1,421,982	2,849,073
Prepaids and deposits [note 6]	465,758	1,193,969
Total current assets	6,248,953	17,953,009
Non-current assets		
Inventories [note 6]	1,293,789	-
Property and equipment - net [note 7]	7,770,457	8,335,867
Exploration and evaluation assets [note 8]	7,271,857	7,000,000
Total non-current assets	16,336,103	15,335,867
Total assets	22,585,056	33,288,876
	,,	,,
LIABILITIES		
Current liabilities		
Accounts payable and accrued liabilities [note 9]	1,169,262	1,292,474
Current portion of lease liability [note 10]	151,129	129,264
Current portion of long-term debt [note 11]	498,613	998,080
Total current liabilities	1,819,004	2,419,818
Non-current liabilities		
Lease liability [note 10]	333,727	484,856
Long-term debt [note 11]	259,114	-
Total non-current liabilities	592,841	484,856
Total liabilities	2,411,845	2,904,674
SHAREHOLDERS' EQUITY		
Share capital [note 12(a)]	86,105,945	85,754,399
Share-based payment reserve [note 12(c)]	10,216,329	10,355,611
Shares to be issued [note 8(a)]	472,500	472,500
Deficit	(76,621,563)	(66,198,308)
Total shareholders' equity	20,173,211	30,384,202
Total shareholders' equity and liabilities	22,585,056	33,288,876
	22,303,030	33,200,070
Nature of Business and Going Concern [note 1]		

Commitments and Contingencies [note 18] Subsequent Events [note 22]

The accompanying notes are an integral part of these consolidated financial statements

These consolidated financial statements were authorised for issue by the Board of Directors on June 26, 2024. Approved on behalf of the Board of Directors:

> "Greg Fenton" , Director

<u>"Ilse Treurnicht"</u>, Director

ZENTEK LTD.

(Stated in Canadian Dollars) FOR THE YEARS ENDED MARCH 31	2024 \$	2023 \$
REVENUE	20.010	70.05
Sales	29,816	72,85
EXPENSES		
Depreciation and amortisation [note 7]	613,714	539,69
Bad debts	-	134,48
Consulting fees	629,655	1,036,26
Directors fees [note 14]	173,125	140,62
Insurance	396,657	358,41
Investor relations and promotion	199,131	307,92
Listing and filing fees	180,495	147,24
Office expenses	142,822	182,03
Professional fees	1,380,611	1,904,67
Rent	359,651	362,37
Research and development	1,775,495	1,646,06
Salaries and benefits [note 14]	3,819,843	3,598,24
Share-based compensation [notes 12(c) and 14]	1,786,453	3,203,40
Supplies and materials	331,080	853,33
Travel	137,833	213,54
Other expenses [note 21]	504,680	416,28
	12,431,245	15,044,61
Loss before other income (expenses)	(12,401,429)	(14,971,758
	405 483	F10.2F
Interest income Interest expense	405,483 (107,373)	510,25 (120,62
Loss on disposal of equipment	(107,373)	(120,02
Other income (expense)	37,863	
Income tax credit received	99,784	(2,01
	418,213	- 179,49
Government grants [note 20] Total other income	-	
	697,439	557,49
Net loss and comprehensive loss for the year	(11,703,990)	(14,414,26
Basic and diluted net loss per share [note 19]	(0.12)	(0.14

CONSOLIDATED STATEMENTS OF LOSS AND COMPREHENSIVE LOSS

The accompanying notes are an integral part of these consolidated financial statements

ZENTEK LTD.
CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY

(Stated in Canadian Dollars)	Number of Shares	Share Capital \$	Share-Based Payment Warrants \$	Reserve \$	Shares to be Issued \$	Deficit \$	Total Shareholders' Equity \$
Balance as at March 31, 2022	99,248,058	85,494,266	-	7,761,541	472,500	(52,179,246)	41,549,061
Stock options exercised [note 12(a)]	285,924	260,133	-	(214,133)	-	-	46,000
Stock options expired [note 12(c)]	-	-	-	(395,204)	-	395,204	-
Recognition of share-based compensation [note 12(c)]	-	-	-	3,203,407	-	-	3,203,407
Net loss and comprehensive loss for the year	-	-	-	-	-	(14,414,266)	(14,414,266)
Balance as at March 31, 2023	99,533,982	85,754,399	-	10,355,611	472,500	(66,198,308)	30,384,202
Stock options exercised [note 12(a)]	1,527,696	758,000	-	(645,000)	-	-	113,000
Stock options expired [note 12(c)]	-	-	-	(1,280,735)	-	1,280,735	-
Shares purchased for cancellation [note 12(a)]	(245,100)	(408,853)	-	-	-	-	(408,853)
Shares issued	2,999	2,399	-	-	-	-	2,399
Recognition of share-based compensation [note 12(c)]	-	-	-	1,786,453	-	-	1,786,453
Net loss and comprehensive loss for the year	-	-	-	-	-	(11,703,990)	(11,703,990)
Balance as at March 31, 2024	100,819,577	86,105,945	-	10,216,329	472,500	(76,621,563)	20,173,211

The accompanying notes are an integral part of these consolidated financial statements

ZENTEK LTD. CONSOLIDATED STATEMENTS OF CASH FLOWS

(Stated in Canadian Dollars)	2024	2023
FOR THE YEARS ENDED MARCH 31	\$	\$
OPERATING ACTIVITIES		
Loss for the year	(11,703,990)	(14,414,266)
Items not affecting cash		
Depreciation and amortisation [note 7]	613,714	539,693
Loan receivable accrued interest	(22,739)	-
Loss on disposal of equipment	156,531	9,624
Share-based compensation [note 12(c)]	1,786,453	3,203,407
Valuation allowance on accounts receivable	-	100,000
Valuation allowance on inventory [note 6]	203,553	-
Net change in non-cash working capital balances [note 13]	914,889	(2,395,328)
Cash flows used in operating activities	(8,051,589)	(12,956,870)
INVESTING ACTIVITIES		
Loan receivable advanced	(36,882)	(33,642)
Loan receivable repayment	2,500,000	-
Mineral exploration and evaluation expenditures capitalised	(271,857)	-
Proceeds on sale of property and equipment	10,000	-
Purchase of property and equipment [notes 7 and 13]	(320,099)	(2,272,934)
Cash flows from (used in) investing activities	1,881,162	(2,306,576)
FINANCING ACTIVITIES		
Payments on lease liability [note 10]	(129,264)	(149,317)
Payments on long-term debt [note 11]	(240,353)	(950,920)
Proceeds from stock options exercised [note 12(a)]	113,000	46,000
Shares purchased for cancellation [note 12(a)]	(408,853)	-
Cash flows used in financing activities	(665,470)	(1,054,237)
	(303,470)	(1)00 ()207)
Change in cash and cash equivalents during the year	(6,835,897)	(16,317,683)
Cash and cash equivalents, beginning of year	10,357,317	26,675,000
Cash and cash equivalents, end of year	3,521,420	10,357,317

Supplementary disclosures - see note 13

The accompanying notes are an integral part of these consolidated financial statements

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

1. NATURE OF BUSINESS AND GOING CONCERN

Zentek Ltd. (the "Company") was incorporated on July 29, 2008 under the laws of the province of Ontario, Canada. The principal business of the Company is to develop opportunities in the graphene and related nano-materials industry based on its intellectual property, patents and Albany graphite. The address of the Company's executive office is 24 Corporate Court, Guelph, Ontario, N1G 5G5, Canada.

On June 12, 2023, the Company incorporated a wholly-owned subsidiary named Triera Biosciences Ltd. that owns the exclusive, global licensing rights for all aptamer-based technology from the collaboration with McMaster University. The Company and McMaster University entered into a standard license agreement dated June 11, 2021 pursuant to which McMaster agreed to license certain intellectual property. All rights and obligations under this licensing agreement were assigned to this subsidiary subsequent to incorporation.

The Company is an emerging high-tech nano-graphite and graphene materials company based in Thunder Bay, Ontario, Canada. The current focus is to bring to market innovative products including surgical masks and HVAC filters with the Company's ZenGUARD[™] coating, Rapid Detection Point of Care diagnostics tests and continue to develop potential pharmaceutical products based on its patent-pending graphene-based compound.

These consolidated financial statements of the Company for the year ended March 31, 2024 were approved and authorised for issue by the Board of Directors on June 26, 2024.

The technology industry presents a high degree of risk and there can be no assurance that the Company's research and development will result in profitable operations. The Company's ability to meet its obligations arising from normal business operations, continue its research and development, and generate future profits is dependent upon its ability to obtain necessary financing. While the Company has been successful at raising funds in the past, there can be no assurance that it will be able to do so in the future.

As at March 31, 2024, the Company had not yet achieved profitable operations and had an accumulated deficit of \$76,621,563 and expects to incur further losses in the development of its business. These events and conditions indicate that a material uncertainty exists that cast substantial doubt on the Company's ability to continue as a going concern. The ability to continue as a going concern is dependent on obtaining continued financial support, obtaining financing, or generating profitable operations in the future. Management is committed to raising additional capital to meet its obligations; however, additional debt and/or equity financing is subject to the global financial markets and economic conditions.

These consolidated financial statements do not reflect the adjustments to the carrying value of assets and liabilities, the reported revenues and expenses, and the statement of financial position classifications that would be necessary if the going concern assumption was not appropriate. Any adjustments necessary to the consolidated financial statements if the Company ceases to be a going concern could be material.

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023 2. MATERIAL ACCOUNTING POLICY INFORMATION

Statement of Compliance

These consolidated financial statements have been prepared in accordance with International Financial Reporting Standards and Interpretations ("IFRS") as issued by the International Accounting Standards Board ("IASB").

Basis of Presentation

The consolidated financial statements have been prepared using the measurement bases specified by IFRS for each type of asset, liability, income and expense. The measurement bases are more fully described in the accounting policies below. The consolidated financial statements are prepared on the historical cost basis. In addition, these consolidated financial statements are prepared bases of accounting, except for cash flow information.

The preparation of consolidated financial statements in conformity with IFRS requires management to make judgements, estimates, and assumptions that affect the application of policies and reported amounts of assets and liabilities and disclosures of contingent assets and contingent liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the year.

The consolidated financial statements consolidate the accounts of the Company and all of its subsidiaries. The Company has the following wholly owned subsidiaries: Triera Biosciences Ltd., 1000114904 Ontario Inc., Zentek USA Inc. and Albany Graphite Corp.

Foreign Currency Translation

The consolidated financial statements are presented in Canadian dollars, which is the functional currency of the Company and its subsidiaries. In preparing the consolidated financial statements, transactions in currencies other than the entity's functional currency are recognised at the rates of exchange prevailing at the dates of the transactions. At the end of each reporting period, monetary items denominated in foreign currencies are retranslated at the rates prevailing at that date. Non-monetary items that are denominated in foreign currencies are retranslated at the rates prevailing at the date when the fair value was determined. Gains/losses on translation are recorded in profit or loss.

Financial Instruments

Financial assets

Initial recognition and measurement

Non-derivative financial assets within the scope of IFRS 9 are classified and measured as "financial assets at fair value", as either Fair Value Through Profit or Loss ("FVPL") or Fair Value Through Other Comprehensive Income ("FVOCI"), and "financial assets at amortised costs", as appropriate. The Company determines the classification of financial assets at the time of initial recognition based on the Company's business model and the contractual terms of the cash flows.

All financial assets are recognised initially at fair value plus, in the case of financial assets not at FVPL, directly attributable transaction costs on the trade date at which the Company becomes a party to the contractual provisions of the instrument.

Financial assets with embedded derivatives are considered in their entirety when determining their classification at FVPL or at amortised cost. Cash and amounts receivable held for collection of contractual cash flows are measured at amortised cost.

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

2. MATERIAL ACCOUNTING POLICY INFORMATION (continued)

Subsequent measurement – financial assets at amortised cost

After initial recognition, financial assets measured at amortised cost are subsequently measured at the end of each reporting period at amortised cost using the Effective Interest Rate ("EIR") method. Amortised cost is calculated by taking into account any discount or premium on acquisition and any fees or costs that are an integral part of the EIR. The Company's financial assets measured at amortised cost correspond to cash, accounts and other receivables and loan receivable and their nominal value is similar to their amortised cost.

Subsequent measurement – financial assets at FVPL

Financial assets measured at FVPL include financial assets management intends to sell in the short term and any derivative financial instrument that is not designated as a hedging instrument in a hedge relationship. Financial assets measured at FVPL are carried at fair value in the statements of financial position with changes in fair value recognised in other income or expense in the statements of loss. The Company does not measure any financial assets at FVPL.

Subsequent measurement – financial assets at FVOCI

Financial assets measured at FVOCI are non-derivative financial assets that are not held for trading and the Company has made an irrevocable election at the time of initial recognition to measure the assets at FVOCI. The Company does not measure any financial assets at FVOCI.

After initial measurement, investments measured at FVOCI are subsequently measured at fair value with unrealised gains or losses recognised in other comprehensive income or loss in the statements of comprehensive loss. When the investment is sold, the cumulative gain or loss remains in accumulated other comprehensive income or loss and is not reclassified to profit or loss.

Dividends from such investments are recognised in other income in the statements of loss when the right to receive payments is established.

Derecognition

A financial asset is derecognised when the contractual rights to the cash flows from the asset expire, or the Company no longer retains substantially all the risks and rewards of ownership.

Impairment of financial assets

The Company's only financial assets subject to impairment are accounts and other receivables and loan receivable, which are measured at amortised cost. The Company has elected to apply the simplified approach to impairment as permitted by IFRS 9, which requires the expected lifetime loss to be recognised at the time of initial recognition of the receivable. To measure estimated credit losses, accounts receivable have been grouped based on shared credit risk characteristics, including the number of days past due. An impairment loss is reversed in subsequent periods if the amount of the expected loss decreases and the decrease can be objectively related to an event occurring after the initial impairment was recognised.

Financial liabilities

Initial recognition and measurement

Financial liabilities are measured at amortised cost, unless they are required to be measured at FVPL as is the case for held for trading or derivative instruments, or the Company has opted to measure the financial liability at FVPL. The Company's financial liabilities include accounts payable and accrued liabilities and long-term debt which are measured at amortised cost. All financial liabilities are recognised initially at fair value and in the case of long-term debt, net of directly attributable transaction costs.

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

2. MATERIAL ACCOUNTING POLICY INFORMATION (continued)

Subsequent measurement – financial liabilities at amortised cost

After initial recognition, financial liabilities measured at amortised cost are subsequently measured at the end of each reporting period at amortised cost using the EIR. Amortised cost is calculated by taking into account any discount or premium on acquisition and any fees or costs that are an integral part of the EIR. The Company's financial liabilities measured at amortised cost correspond to accounts payable, lease liability and long-term debt and their nominal value is similar to their amortised cost.

Derecognition

A financial liability is derecognised when the obligation under the liability is discharged, cancelled or expires with any associated gain or loss recognised in other income or expense in the statements of loss.

Exploration and Evaluation Assets

Exploration and evaluation assets include the costs of acquiring licenses, costs associated with exploration and evaluation activity (e.g. geological, geophysical studies, exploratory drilling and sampling), and the fair value (at acquisition date) of exploration and evaluation assets acquired in a business combination or asset purchase. The Company follows the practice of capitalizing all costs related to the acquisition of, exploration for and evaluation of mineral claims and crediting all revenue, including government assistance, received against the cost of related claims. Costs incurred before the Company has obtained the legal rights to explore an area are recognised as expenses of the Company.

Capitalised costs are only allocated to the extent that these costs can be related directly to operational activities in the relevant area of interest where it is considered likely to be recoverable by future exploitation or sale or where the activities have not reached a stage which permits a reasonable assessment of the existence of reserves.

Exploration and evaluation assets are assessed for impairment at each financial reporting date or when facts and circumstances suggest that the carrying amount exceeds the recoverable amount. The aggregate costs related to abandoned mineral claims are charged to operations at the time of any abandonment or when it has been determined that there is evidence of a permanent impairment.

Once the technical feasibility and commercial viability of the extraction of mineral resources in an area of interest are demonstrable, exploration and evaluation assets attributable to that area of interest are first tested for impairment and then reclassified to mining property and development assets within property, plant and equipment.

Recoverability of the carrying amount of the exploration and evaluation assets is dependent on successful development and commercial exploitation, or alternatively, sale of the respective areas of interest.

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

2. MATERIAL ACCOUNTING POLICY INFORMATION (continued)

Property and Equipment

Equipment is carried at acquisition cost less subsequent depreciation and impairment losses. Depreciation is recognised on a declining balance basis over the estimated useful lives of the equipment less estimated residual value. The rates applicable are:

Buildings	4%
Equipment	20%
Equipment - Manufacturing	Straight-line over 20 years
Signage	20%
Computers	20%
Computer software	100%
Leasehold improvements	Straight-line over lower of term of lease or economic life
Right of Use Assets	Straight-line over lower of term of lease or economic life

Material residual value estimates and estimates of useful life are updated as required, but at least annually.

Gains or losses arising on the disposal of equipment are determined as the difference between the disposal proceeds and the carrying amount of the assets and are recognised in profit or loss.

Impairment of Non-Financial Assets

At each financial reporting date, the carrying amounts of the Company's non-financial assets are reviewed to determine whether there is any indication that those assets are impaired. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment, if any. The recoverable amount is the higher of fair values less costs to sell, and value in use.

Fair value is determined as the amount that would be obtained from the sale of the asset in an arm's length transaction between knowledgeable and willing parties. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset. If the recoverable amount of an asset is estimated to be less than its carrying amount, the carrying amount of the asset is reduced to its recoverable amount and the impairment loss is recognised in the profit or loss for the period.

For the purposes of impairment testing, exploration and evaluation assets are allocated to cash-generating units to which the exploration activity relates. For an asset that does not generate largely independent cash inflows, the recoverable amount is determined for the cash-generating unit to which the asset belongs. When an impairment loss subsequently reverses, the carrying amount of the asset (or cash-generating unit) is increased to the revised estimate of its recoverable amount, but so that the increased carrying amount does not exceed the carrying amount that would have been determined had no impairment loss been recognised for the asset (or cash-generating unit) in prior years. A reversal of an impairment loss is recognised immediately in profit or loss.

Tangible assets that have been impaired in prior periods are tested for possible reversal of impairment whenever events or changes in circumstances indicate that the impairment has reversed. If the impairment has reversed, the carrying amount of the asset is increased to its recoverable amount but not beyond the carrying amount that would have been determined had no impairment loss been recognized for the asset in the prior periods. A reversal of an impairment loss is recognized into earnings immediately.

(Stated in Canadian Dollars)

AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

2. MATERIAL ACCOUNTING POLICY INFORMATION (continued)

Share Capital

Share capital represents the fair value of consideration received, less related costs.

Warrants

Warrants are recorded at their fair value on the date of issue, net of issue costs. The Company uses the Black-Scholes option pricing model to estimate the fair value of warrants issued. On the exercise of warrants, consideration received and the accumulated warrant value attributed to the portion exercised is credited to share capital. For those warrants that expire after vesting, the recorded value is transferred to deficit. The Company has no warrants outstanding as of March 31, 2024

Share-Based Payments

Equity-settled share-based payments to employees and others providing similar services are measured at the fair value of the equity instruments at the grant date. Details regarding the determination of the fair value of equity-settled share-based transactions are set out in the share-based payment note. See note 12(c).

The fair value determined at the grant date of the equity-settled share-based payments is expensed over the period during which the employee becomes unconditionally entitled to equity instruments, based on the Company's estimate of equity instruments that will eventually vest. At the end of each reporting period, the Company revises its estimate of the number of equity instruments expected to vest. The impact of the revision of the original estimates, if any, is recognised in profit or loss such that the cumulative expense reflects the revised estimate, with a corresponding adjustment to the equity-settled employee benefits reserve.

Equity-settled share-based payment transactions with parties other than employees are measured at the fair value of the goods or services received, except where that fair value cannot be estimated reliably, in which case they are measured at the fair value of the equity instruments granted, measured at the date the entity obtains the goods or the counterparty renders the service.

Charges for options that are forfeited before vesting are reversed from share-based payment reserve. For those options that expire after vesting, the recorded value is transferred to deficit.

On the exercise of options, consideration received and the accumulated option value attributed to the portion exercised is credited to share capital.

Cash and Cash Equivalents

The Company's policy is to disclose cash, bank account balances, cashable investment-grade deposit certificates and noncashable investment-grade deposit certificates that are readily convertible to a known amount of cash and be subject to an insignificant risk of changes in value as cash and cash equivalents. Cash and cash equivalents are held in Canadian chartered banks or financial institutions controlled by a Canadian chartered bank.

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023 2. MATERIAL ACCOUNTING POLICY INFORMATION (continued)

Loss per Share

Basic loss per share is calculated using the weighted average number of shares outstanding. In order to determine diluted loss per share, any proceeds from the exercise of dilutive stock options and warrants would be used to repurchase common shares at the average market price during the period, with the incremental number of shares being included in the denominator of the diluted loss per share calculation. The diluted loss per share calculation excludes any potential conversion of warrants and options that would increase earnings per share or decrease loss per share. The outstanding stock options and warrants to purchase common shares disclosed in note 12 were not included in the computation of the diluted loss per share for the periods presented because the effect would be anti-dilutive.

Income Taxes

Tax expense recognised in profit or loss comprises the sum of deferred tax and current tax not recognised in other comprehensive income or directly in equity. Current income tax assets and/or liabilities comprise those obligations to, or claims from, fiscal authorities relating to the current or prior reporting periods, that are unpaid at the reporting date. Current tax is payable on taxable profit, which differs from profit or loss in the consolidated financial statements. Calculation of current tax is based on tax rates and tax laws that have been enacted or substantively enacted by the end of the reporting period, adjusted for amendments to tax payable with regards to previous years.

Deferred income taxes are calculated using the liability method on temporary differences between the carrying amounts of assets and liabilities and their tax bases. However, deferred tax is not provided on the initial recognition of goodwill, or on the initial recognition of an asset or liability unless the related transaction is a business combination or affects tax or accounting profit.

Deferred tax assets and liabilities are calculated, without discounting, at tax rates that are expected to apply to their respective period of realization, provided they are enacted or substantively enacted by the end of the reporting period. Deferred tax liabilities are always provided for in full. Deferred tax assets are recognised to the extent that it is probable that they will be able to be utilised against future taxable income. The Company has not recognised deferred tax assets to the extent that the Company does not consider it probable that a deferred tax asset will be recovered.

Deferred tax assets and liabilities are offset only when the Company has a right and intention to offset current tax assets and liabilities from the same taxation authority.

Changes in deferred tax assets or liabilities are recognised as a component of taxable income or expense in profit or loss, except where they relate to items that are recognised in other comprehensive income or directly in equity, in which case the related deferred tax is also recognised in other comprehensive income or equity, respectively.

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

2. MATERIAL ACCOUNTING POLICY INFORMATION (continued)

Restoration, Rehabilitation, and Environmental Obligations

An obligation to incur restoration, rehabilitation and environmental costs arises when the Company has a present legal or constructive obligation caused by the exploration, development or ongoing production of a mineral property interest. Such costs arising from the decommissioning of plant and other site preparation work, discounted to their net present value, are provided for and capitalised at the start of each project to the carrying amount of the asset, as soon as the obligation to incur such costs arises. Discount rates using a pre-tax rate that reflect the time value of money are used to calculate the net present value. These costs are charged against profit or loss over the economic life of the related asset, through amortization using either the units-of-production or the straight-line method. The related liability is adjusted for each period for the unwinding of the discount rate and for changes to the current market-based discount rate, amount or timing of the underlying cash flows needed to settle the obligation. Costs for restoration of subsequent site damage which is created on an ongoing basis during production are provided for at their net present values and charged against profits as extraction progresses. The Company had no material restoration, rehabilitation and environmental obligations as at March 31, 2024 or 2023 as the disturbance to date is minimal.

Interest

Interest income and expenses are reported on an accrual basis using the effective interest method.

Leases

The Company assesses at inception of a contract, whether the contract is, or contains a lease. A contract is, or contains, a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration. To assess whether a contract conveys the right to control the use of an identified asset for a period of time, the Company assesses whether the customer has the following through the period of use:

- The right to obtain substantially all of the economic benefits from use of the identified asset; and
- The right to direct the use of the identified asset.

At the lease commencement date, the Company recognises a right-of-use asset and a lease liability. The right-of-use asset is initially measured at cost. The cost of the right-of-use asset is comprised of the initial amount of the lease liability, any lease payments made at or before the commencement date less any lease incentives received, initial direct costs incurred by the Company, and an estimate of the costs to be incurred by the Company in dismantling and removing the underlying asset and restoring the site on which it is located or restoring the underlying asset to the condition required by the terms and conditions of the lease.

After the commencement date, the Company measures right-of-use assets related to property and equipment by applying the cost model, whereby the right-of-use asset is measured at cost less accumulated depreciation and impairment losses and adjusted for any remeasurement of the lease liability. The right-of-use asset is depreciated using the straight-line method from the commencement date to the end of the lease term or the end of the useful life of the right-of-use asset. The estimated useful life of the right-of-use assets are determined on the same basis as those of property, plant and equipment. The determination of the depreciation period is dependent on whether the Company expects that the ownership of the underlying asset will transfer to the Company by the end of the lease term or if the cost of the right-of-use asset reflects that the Company will exercise a purchase option.

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

2. MATERIAL ACCOUNTING POLICY INFORMATION (continued)

Leases (continued)

The lease liability is initially measured at the present value of the lease payments not paid at the lease commencement date, discounted using the interest rate implicit in the lease or the Company's incremental borrowing rate, if the interest rate implicit in the lease cannot be readily determined. The lease payments included in the measurement of the lease liability comprise of fixed payments (including in-substance fixed payments) less any lease incentives receivable, variable lease payments that depend on an index or rate, amounts expected to be payable by the Company under a residual value guarantee, the exercise price of a purchase option that the Company is reasonably certain to exercise, and payment of penalties for terminating the lease if the lease term reflects the Company exercising an option to terminate the lease. After the commencement date, the Company measures the lease liability at amortised cost using the effective interest method.

The Company remeasures the lease liability when there is a change in the lease term, a change in the Company's assessment of an option to purchase the underlying asset, a change in the Company's estimate of amounts expected to be payable under a residual value guarantee, or a change in future lease payments resulting from a change in an index or a rate used to determine those payments. On remeasurement of the lease liability, a corresponding adjustment is made to the carrying amount of the right-of-use asset, or is recorded in profit or loss if the carrying amount of the right-of-use asset has been reduced to zero.

The Company has elected to not recognise right-of-use assets and lease liabilities for short-term leases of property and equipment and low value leases of property and equipment. Short-term leases are leases with a term of twelve months or less. The Company recognises the lease payments associated with these leases as an expense on either a straight-line basis over the lease term or another systematic basis if that basis is more representative of the pattern of the lessee's benefit.

Inventories

Inventories are comprised of raw materials. Inventories are recorded at the lower of cost and net realizable value. Cost is determined on a standard cost basis, and includes the purchase price and other costs, such as import duties, taxes and transportation costs. Inventory cost is determined on a first-in, first-out basis and any trade discounts and rebates are deducted from the purchase price. Raw material costs include the purchase cost of the materials and freight-in.

Where inventory is not expected to be sold within a year of the date of statement of financial position, it is presented as a noncurrent asset.

Government grants

Government grants are recognised in profit or loss on a systematic basis over the periods in which the Company recognises expenses as related costs for which funded expenditures are incurred. Government grants are recognised when there is reasonable assurance that the Company will comply with the terms and conditions associated with the grants and the grants will be received. An unconditional government grant is recognised in profit or loss when the Company is entitled to receive the grant funding.

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

2. MATERIAL ACCOUNTING POLICY INFORMATION (continued)

Revenue Recognition

The Company's accounting policy for revenue recognition under IFRS 15, Revenue from Contracts with Customers, follows a five-step model to determine the amount and timing of revenue to be recognized:

- 1. Identifying the contract with a customer;
- 2. Identifying the performance obligations within the contract;
- 3. Determining the transaction price;
- 4. Allocating the transaction price to the performance obligations; and
- 5. Recognizing revenue when/as performance obligation(s) are satisfied.

The Company enters into sales contracts with its customers that outline the payment, shipping and return policies under these commercial arrangements. The performance obligation within the sales contracts is primarily the delivery of the Company's proprietary graphene oxide solution ("Solution") and / or masks. These products are sold for contractually determined prices that include consideration for the products delivered and variable consideration consisting of royalties for masks sold by the Company's customers that have been coated with the Solution. The transaction price is allocated to the Solution and the masks based on their standalone selling price and is recognized when the control of these products is obtained by the Company's customers which is generally upon delivery. Royalty revenue is recognized when the Company is entitled to these royalties which is when the coated masks are sold by the Company's customers.

Where the consideration payable by the Company's customers includes volume rebates and merchandise discounts, they are considered in determining the transaction price and are estimated and recognised at the time of the sale as a deduction against recognized revenue. To date, these rebates and discounts have been immaterial.

New Standards, Interpretations and Amendments Adopted from April 1, 2023

Certain IFRS pronouncements were issued that were mandatory for accounting periods beginning on or after April 1, 2023. Many have been excluded as management does not expect them to have a material effect. The following amendments are effective for the year beginning April 1, 2023:

IAS 1 – Presentation of Financial Statements ("IAS 1") and IFRS Practice Statement 2 Making Material Judgements. In February 2021, the IASB issued amendments to IAS 1 and IFRS Practice Statement 2. The amendments aim to make accounting policy disclosures more informative by replacing the requirement to disclose 'significant accounting policies' with 'material accounting policy information'. The amendments also provide guidance under what circumstance, the accounting policy information is likely to be considered material and therefore requiring disclosure. These amendments have no effect on the measurement or presentation of any items in the consolidated financial statements of the Company but effect the disclosure of accounting policies of the Company.

IAS 8 - Accounting Policies, Changes in Accounting Estimates and Errors (IAS 8). The amendments to IAS 8, which added the definition of accounting estimates, clarify that the effects of a change in an input or measurement technique are changes in accounting estimates, unless resulting from the correction of prior period errors. These amendments clarify how entities make the distinction between changes in accounting estimate, changes in accounting policy and prior period errors. These amendments had no effect on the consolidated financial statements of the Company.

IAS 12 - Income Taxes ("IAS 12"). In May 2021, the IASB issued amendments to IAS 12, which clarify whether the initial recognition exemption applies to certain transactions that result in both an asset and a liability being recognised simultaneously (e.g. a lease in the scope of IFRS 16). The amendments introduce an additional criterion for the initial recognition exemption, whereby the exemption does not apply to the initial recognition of an asset or liability which at the time of the transaction, gives rise to equal taxable and deductible temporary differences. These amendments had no effect on the consolidated financial statements of the Company.

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

2. MATERIAL ACCOUNTING POLICY INFORMATION (continued)

New Standards, Interpretations and Amendments not yet Effective

There are a number of standards, amendments to standards, and interpretations which have been issued by the IASB that are effective in future accounting periods that the Company has decided not to adopt early.

The following amendments are effective for the year beginning April 1, 2024:

Liability in a Sale and Leaseback (Amendments to IFRS 16 Leases); Classification of Liabilities as Current or Non-Current (Amendments to IAS 1 Presentation of Financial Statements); Non-Current Liabilities with Covenants (Amendments to IAS 1 Presentation of Financial Statements); and Supplier Finance Arrangements (Amendments to IAS 7 Statement of Cash Flows and IFRS 7 Financial Instruments: Disclosures)

The following amendments are effective for the year beginning April 1, 2025:

Lack of Exchangeability (Amendments to IAS 21 The Effects of Changes in Foreign Exchange Rates)

The Company is currently assessing the impact of these new accounting standards and amendments. The Company does not expect any of the standards issued by the IASB, but are yet to be effective, to have a material impact on the Company.

3. CRITICAL JUDGEMENTS AND ESTIMATION UNCERTAINTIES

The preparation of consolidated financial statements in conformity with IFRS requires the Company's management to make judgements, estimates and assumptions about future events that affect the amounts reported in the consolidated financial statements and related notes. Although these estimates are based on management's best knowledge of the amount, event or actions, actual results may differ from those estimates and these differences could be material.

The areas which require management to make significant judgements, estimates and assumptions in determining carrying values include, but are not limited to:

Inventory

judgement is required in determining whether net realizable value should be evaluated on a product by product basis or if products cannot be evaluated separately from other products in inventory and should be grouped with similar products.

Expected credit loss allowance and provision

The Company determines an expected credit loss allowance for trade receivables based on the estimated expected lifetime credit loss, considering the actual credit loss in prior years and forward-looking estimates of expected collections. This estimate varies depending on the nature of the trade receivables, the majority of which are associated with the health sciences business; however, also includes receivables from government agencies. The loss allowance is reviewed on a quarterly basis and any change in estimate is accounted for prospectively. Collectivity of customer balances classified as trade receivables may vary from the Company's estimation. The Company also assesses the expected credit loss of non-trade financial assets, such as the loan receivable which is secured by property mortgages, to determine if an allowance is required.

(Stated in Canadian Dollars)

AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

3. CRITICAL JUDGEMENTS AND ESTIMATION UNCERTAINTIES (continued)

Impairment (impairment reversal) of exploration and evaluation assets

While assessing whether any indications of impairment or impairment reversal exist for exploration and evaluation assets, consideration is given to both external and internal sources of information. Information the Company considers includes changes in the market, economic and legal environment in which the Company operates that are not within its control that could affect the recoverable amount of exploration and evaluation assets. Internal sources of information include the manner in which exploration and evaluation assets are being used or are expected to be used and indications of expected economic performance of the assets. Estimates include but are not limited to estimates of the discounted future pre-tax cash flows expected to be derived from the Company's mineral exploration properties, costs to sell the properties and the appropriate discount rate. Reductions in metal price forecasts, increases in estimated future costs of production, increases in estimated future capital costs, reductions in the amount of recoverable mineral reserves and mineral resources and/or adverse current economics can result in a write-down of the carrying amounts of the Company's exploration and evaluation assets.

Impairment (impairment reversal) of property and equipment

judgements are required to assess when internal or external indicators of impairment or impairment reversal exist, and impairment testing is required. Management considers internal and external sources of information including forecasted sales, cashflows and expected production volumes. judgement is required to assess these internal and external factors when determining if the carrying amount of an asset is impaired, or in the case of a previously impaired asset, whether the carrying amount of the asset has been restored.

Share-based payments

Management determines costs for share-based payments using market-based valuation techniques. The fair value of the market-based and performance-based share awards are determined at the date of grant using generally accepted valuation techniques. Assumptions are made and judgement used in applying valuation techniques. These assumptions and judgements include estimating the future volatility of the stock price, expected dividend yield, future employee turnover rates and future employee stock option exercise behaviors and corporate performance. Such judgements and assumptions are inherently uncertain. Changes in these assumptions affect the fair value estimates.

Contingencies

By their nature, contingencies will only be resolved when one or more future events transpire. The assessment of contingencies inherently involves estimating the outcomes of future events. The Company has disclosed its disputes and was required to exercise judgement in assessing the recorded amounts.

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

4. ACCOUNTS AND OTHER RECEIVABLES

	March 31, 2024 \$	March 31, 2023 \$
Trade receivables	1,439	106,458
Other receivables	27,292	-
Government grants receivable	60,850	151,440
HST recoverable	174,158	172,496
Accrued interest receivable on guaranteed investment certificates	32,791	238,614
Less: valuation allowance on trade receivables	-	(100,000)
Total accounts and other receivables	296,530	569,008

5. LOAN RECEIVABLE

In March 2022, a loan was advanced to a third party, who is an insignificant shareholder of the Company and not an insider nor an employee of the Company, earning 6% interest per annum, calculated and payable monthly. The loan was originally secured by mortgages against two properties held by the borrower. The original maturity date was July 1, 2022 and an amended and restated promissory note was completed in 2023 with a revised maturity date of September 29, 2023. As a result of the sale of one property held as security in June 2023, a partial payment of \$2,500,000 was applied against the loan receivable. The security against this property was released accordingly.

On November 9, 2023, an amended and restated promissory note for the remaining balance was completed with a new maturity date of March 29, 2024.

Subsequent to year end, the Company entered into an amended and restated promissory note with a revised maturity date of October 31, 2024.

The Company performed an analysis of collectivity and based on the collateral against the loan, determined that no provision was required. A continuity of the loan principal and interest balances is presented below:

	March 31, 2024 \$	March 31, 2023 \$
Loan balance, beginning of year Loans advanced	2,983,642 36,882	2,950,000 33,642
Principal payments received	(2,500,000)	-
Interest earned	72,739	180,000
Interest payments received	(50,000)	(180,000)
Loan balance, end of year	543,263	2,983,642

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

6. INVENTORIES

	March 31, 2024 \$	March 31, 2023 \$
Raw materials	2,513,413	2,418,530
Finished goods	405,911	430,543
Allowance for impairment	(203,553)	-
Total inventories	2,715,771	2,849,073
Less: non-current portion	(1,293,789)	-
Total current portion of inventories	1,421,982	2,849,073

The cost of inventories recognized as an expense and included in supplies and materials amounted to \$44,474 (March 31, 2023: \$50,067).

An allowance for impairment of inventory in the amount of \$203,553 (March 31, 2023: \$nil) was recognized as an expense and included in supplies and materials.

Included in prepaids and deposits are \$nil (March 31, 2023: \$114,725) of prepayments made for inventory to be delivered subsequent to period end. A continuity of prepaid inventory is presented below:

	March 31, 2024 \$	March 31, 2023 \$
Prepaid inventory, beginning of year	114,725	855,415
Inventory received	(114,725)	(740,690)
Prepaid inventory, end of year	-	114,725

(Stated in Canadian Dollars)

AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

7. PROPERTY AND EQUIPMENT

	Land and	Plant and	Office furniture	Leasehold		Under	
	Building	Equipment	and Equipment	Improvement	Right of Use	Construction	Total
Cost					-		
Balance at April 1, 2022	2,064,993	1,305,960	321,457	258,831	478,223	2,439,710	6,869,174
Additions	-	689,765	18,019	95,874	481,565	1,574,540	2,859,763
Disposals	-	(36,983)	(95,977)	-	-	-	(132,960)
Transfers	-	2,068,202	-	-	-	(2,068,202)	-
Balance at March 31, 2023	2,064,993	4,026,944	243,499	354,705	959,788	1,946,048	9,595,977
Additions	-	103,651	4,033	-	-	107,151	214,835
Disposals	-	(278,242)	-	-	-	-	(278,242)
Transfers	-	2,000,490	-	-	-	(2,000,490)	-
Balance at March 31, 2024	2,064,993	5,852,843	247,532	354,705	959,788	52,709	9,532,570
Accumulated Depreciation Balance at April 1, 2022 Depreciation for the year	61,950 48,574	334,157 171,734	,	123,340 122,852	185,175 159,407	-	843,753 539,693
Disposals	-0,57	(33,669)	,	-		-	(123,336)
Transfers	-	-	-	-	-	-	-
Balance at March 31, 2023	110,524	472,222	86,590	246,192	344,582	-	1,260,110
Depreciation for the year	44,313	348,822	31,911	28,348	160,320	-	613,714
Disposals	-	(111,711)	-	-	-	-	(111,711)
Transfers	-	-	-	-	-	-	-
Balance at March 31, 2024	154,837	709,333	118,501	274,540	504,902	-	1,762,113
Carrying Amounts							
Balance at March 31, 2023	1,954,469	3,554,722	156,909	108,513	615,206	1,946,048	8,335,867
Balance at March 31, 2024	1,910,156	5,143,510	129,031	80,165	454,886	52,709	7,770,457

The Company's property and equipment includes an asset under construction in the amount of \$52,709 (March 31, 2023: \$1,946,048) related to costs incurred for a production line at the silver-graphene oxide pilot plant. Depreciation was not recorded on assets under construction until they were put into use. In the year ended March 31, 2024, substantially all the assets under construction were put into use and depreciation on those assets commenced at that time.

The Company's right-of-use asset includes its manufacturing facility located in Guelph, Ontario. It is the Company's policy to depreciate the right-of-use asset using the straight-line method from the lease commencement date to the earlier of the end of the useful life of the right-of-use asset or the end of the lease term.

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

8. EXPLORATION AND EVALUATION PROPERTY

The 100%-owned Albany Graphite Deposit (the "Albany Property") is located in Northern Ontario, Canada. During the year ended March 31, 2013, the Company reached an agreement with the optionor pursuant to the following terms and conditions:

- a) The Company will issue to the optionor a total of 1,250,000 common shares. Total shares remaining to be issued are 750,000 common shares valued at \$472,500 based on their fair market value on the date of the agreement;
- b) The Company granted the optionor a net smelter return royalty of 0.75% on the 4F claim block, of which 0.5% can be purchased at any time for \$500,000; and
- c) The agreement provides a clawback right that allows the optionor to reduce the Company's interest in the other claims to 30% subsequent to the exercise of the second option by giving notice within 30 days that the optionor intends to commence sole funding up to completion of a feasibility study within 48 months and within 30 days deliver a payment of \$27,500,000.

Albany Property

Balance at March 31, 2022	7,000,000
Expenditures	-
Impairment	-
Balance at March 31, 2023	7,000,000
Expenditures	271,857
Impairment	-
Balance at March 31, 2024	7,271,857

In February 2023, a new subsidiary corporation, Albany Graphite Corp. ("Albany"), was incorporated for the purpose of holding the Albany Property and on May 23, 2023, the Company transferred to Albany the ownership of the Albany Project.

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

9. ACCOUNTS PAYABLE AND ACCRUED LIABILITIES

	March 31, 2024 \$	March 31, 2023 \$
Trade payables	541,311	911,477
Accrued liabilities	627,951	380,997
otal accounts payable and accrued liabilities	1,169,262	1,292,474

10. LEASE LIABILITY

During the year ended March 31, 2021, the Company entered into a lease agreement for its manufacturing facility in Guelph, Ontario. The initial term of the lease was for three years commencing on February 1, 2021, subject to a right of extension as described herein. In July 2023, the Company acted upon the renewal option for an additional 36 months, extending to January 31, 2027.

The lease liability relates to the above noted agreement. The lease liability as at March 31, 2024 and March 31, 2023 is as follows:

	March 31, 2024	March 31, 2023	
	\$	\$	
Lease liability	484,856	614,120	
Less: current portion	(151,129)	(129,264)	
Long-term portion	333,727	484,856	

Interest expense recognised on the lease liability for the year ended March 31, 2024 was \$65,476 (2023: \$43,283).

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

11. LONG-TERM DEBT

Pursuant to an asset purchase agreement dated February 10, 2022, the Company acquired the land, building and chattels at 24 Corporate Court in Guelph, Ontario for cash consideration of \$351,000 and assumed a mortgage of \$1,949,000. The mortgage was assumed in a vendor-take-back agreement with the seller of the property who is an insignificant shareholder and not an insider of the Company. There are no financial covenants associated with this agreement. On April 1, 2023, the repayment terms were renegotiated to extend the amortisation period by an additional 12 months to March 1, 2025 and reduce the monthly installment from \$85,504 to \$43,764, including interest at 5% per annum. On October 1, 2023, the repayment terms were amended with payments moving to interest only for the next six months ending March 1, 2024. As a result, the loan repayment was further extended by four months with a new maturity date of October 1, 2025. The Company does not consider this extension to be a substantial modification to the vendor-take-back agreement.

	March 31, 2024 \$	March 31, 2023 \$
First mortgage payable in monthly installments of \$43,764 (2023 - \$85,504) ncluding interest at 5% per annum, due October 1, 2025, with land and		
building, having a net book value of \$1,910,158 (March 31, 2023:		
\$2,012,414), pledged as collateral.	757,727	998,080
Less current portion	(498,613)	(998,080)
Total long-term debt	259,114	-

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

12. SHARE CAPITAL

(a) Share Capital

The Company is authorised to issue an unlimited number of common shares, with no par value.

During the year ended March 31, 2024, the Company issued 1,527,696 common shares in connection with the exercise of 2,000,000 options (2023: 285,924 common shares on exercise of 348,333 options). The carrying value of the options, being \$645,000 (2023: \$214,133), was removed from share-based payment reserve and added to share capital. Of the 2,000,000 (2023: 348,333) options exercised, 1,900,000 (2023: 233,333) were exercised using a "cashless" exercise method whereby 472,304 (2023: 62,409) fewer shares were issued than exercised as compensation for the \$958,000 (2023: \$153,666) that would have otherwise been received by the Company upon exercise.

During the year ended March 31, 2024, the Company also purchased, and subsequently cancelled, 245,100 (2023: nil) of its own common shares at a cost of \$408,853 (2023: nil).

(b) Share Purchase Warrants

The Company had no share purchase warrants outstanding as of March 31, 2024 and March 31, 2023.

(c) Stock Options and Share-Based Payment Reserve

During the year ended March 31, 2024, the Company issued 1,250,000 stock options to a number of employees and directors at exercise prices ranging from \$1.75 to \$2.24. The grant date fair value of these stock options was \$1,545,175. The vesting period for the stock options issued was as follows: 416,667 at the date of issuance; 350,000 after 6 months from the date of issuance; 416,667 after 12 months from the date of issuance; and 66,667 after 24 months from the date of issuance.

In addition, on December 14, 2023, the Company's subsidiary, Triera Biosciences Ltd. ("Triera"), issued 195,000 stock options to a number of directors and officers at an exercise price of \$5.00. The grant date fair value of these stock options was determined to be trivial and no stock-based compensation was recorded in relation to these options. The vesting period for the Triera stock options issued was as follows: 65,000 at the date of issuance; 65,000 after 6 months from the date of issuance; and 65,000 after 12 months from the date of issuance. In February 2024, the Company repriced the Triera stock options, reducing the exercise price from \$5.00 per share to \$1.00 per share. All other terms and conditions of these options remained unchanged. The change in the fair value of the Triera stock option grant was trivial and as such, no amount was recorded upon modification.

During the year ended March 31, 2023, the Company issued 600,000 stock options to a number of consultants, employees and directors at exercise prices ranging from \$1.93 to \$2.59. The grant date fair value of these stock options was \$913,000. The vesting period for the stock options issued was as follows: 200,000 at the date of issuance; 83,333 after 6 months from the date of issuance; 200,000 after 12 months from the date of issuance; and 116,667 after 24 months from the date of issuance.

The grant date fair value of the stock options was calculated using the Black-Scholes option pricing model. A summary of the inputs used to value the options issued during the years ended March 31 is presented below:

	Triera		The Company		
	Mar 31, 2024 Ma	ar 31, 2023	Mar 31, 2024	Mar 31, 2023	
Expected dividend yield	0%	N/A	0%	0%	
Expected volatility	98% to 120%	N/A	70% to 90%	88% to 95%	
Expected forfeiture rate	0%	N/A	5%	0%	
Risk-free interest rate	3.90%	N/A	3.6% to 4.5%	2.5% to 3.9%	
Expected life	3 to 5 years	N/A	3 to 5 years	3 to 5 years	

The Company's computation of expected volatility for the years ended March 31, 2024 and 2023 is based on the Company's market close price over a prior period equal to the expected life of the options.

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

12. SHARE CAPITAL

(c) Stock Options and Share-Based Payment Reserve (continued)

The Company applies the fair value method of accounting for share-based payment awards to directors, officers, employees and non-employees. Accordingly, the following amounts have been recognised as compensation expense and under capital stock as share-based payment reserve:

	Year	Year
	Ended	Ended
	March 31,	March 31,
	2024	2023
	\$	\$
Share-based compensation expense	1,786,453	3,203,407

Stock option and share-based payment activity for the years ended March 31, 2024 and March 31, 2023 are summarised as follows:

		Year ended March 31, 2024		ir ended h 31, 2023
	Number	Weighted average Number exercise price		Weighted average exercise price
		\$	Number	\$
Balance, beginning of year	8,673,334	2.03	8,692,334	2.01
Granted	1,445,000	1.89	600,000	2.36
Exercised	(2,000,000)	0.54	(348,333)	0.58
Expired	(825,000)	2.72	(270,667)	3.87
Balance, end of year	7,293,334	2.33	8,673,334	2.03

At March 31, 2024, outstanding options to acquire common shares of the Company were as follows:

	Opt	Options Outstanding			ercisable
Range of exercise Prices CADS	Number Outstanding as at Mar 31, 2024	Weighted Average Remaining Contractual Life (years)	Weighted Average Exercise Price CADS	Number Outstanding as at Mar 31, 2024	Weighted Average Exercise Price CAD\$
\$0.40 - \$1.00	2,528,334	1.06 \$	0.55	2,398,334 \$	0.50
\$1.01 - \$4.00	3,025,000	2.52 \$	2.63	2,316,667 \$	2.81
<u> \$4.01 - \$5.67</u>	1,740,000	2.04 \$	4.46	1,740,000 \$	4.46
Totals	7,293,334	1.90 \$	2.33	6,455,001\$	2.40

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

12. SHARE CAPITAL

(c) Stock Options and Share-Based Payment Reserve (continued)

At March 31, 2023, outstanding options to acquire common shares of the Company were as follows:

	Opt	Options Outstanding			ercisable
Range of exercise Prices CAD\$	Number Outstanding as at Mar 31, 2023	Weighted Average Remaining Contractual Life (years)	Weighted Average Exercise Price CAD\$	Number Outstanding as at Mar 31, 2023	Weighted Average Exercise Price CAD\$
\$0.40 - \$1.00	4,283,334	1.12 \$	0.49	4,283,334 \$	0.49
\$1.01 - \$4.00	2,575,000	2.16 \$	2.87	2,116,667 \$	2.95
\$4.01 - \$5.67	1,815,000	2.98 \$	4.47	1,610,000 \$	4.44
Totals	8,673,334	1.82 \$	2.03	8,010,001 \$	1.93

13. SUPPLEMENTAL DISCLOSURES ON STATEMENTS OF CASH FLOWS

Changes in non-cash working capital balances consist of:

	March 31, 2024	March 31, 2023
	\$	\$
Accounts and other receivables	272,478	(12,844)
Inventories	(70,251)	(2,183,501)
Prepaids and deposits	728,211	(181,606)
Accounts payable and accrued liabilities	(15,549)	(17,377)
Total change in non-cash working capital balances	914,889	(2,395,328)

Supplementary disclosures:

Change in accounts payable relating to property and equipment	\$	(105,264)	\$ 105,264
Cash and cash equivalents are comprised of:		March 31, 2024 \$	March 31, 2023 \$
Cash in bank Cashable guaranteed investment certificate, variable rate, maturing January 2025 Cashable guaranteed investment certificate, variable rate, redeemed December 20 Total cash and cash equivalents	23	521,420 ,000,000 - ,521,420	157,317 10,000,000 200,000 10,357,317

The guaranteed investment certificate of \$200,000 was held as collateral by the Company's primary financial institution against corporate credit cards and was no longer required and therefore was redeemed on December 22, 2023.

During the year ended March 31, 2024, 1,900,000 (2023: 233,333) stock options were exercised using a "cashless" exercise method whereby 472,304 (2023: 62,409) fewer shares were issued than options exercised as compensation for the \$958,000 (2023: \$153,666) in cash that would have otherwise been received by the Company upon exercise.

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(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

14. RELATED PARTY TRANSACTIONS

Key management personnel are those persons having authority and responsibility for planning, directing and controlling the activities of the Company directly or indirectly, including any directors (executive and non-executive) of the Company.

The Company defines key management personnel as its key executive management and Board of Directors. In addition to their salaries, the Company provides a benefit plan and other allowances to its key management personnel. Key management personnel are also granted stock options at the discretion of the Board of Directors.

The remuneration of key management personnel during the years ended March 31, 2024 and 2023 were as follows:

	2024	2023
	\$	\$
Directors fees	173,125	140,625
Salaries and benefits	1,441,458	1,215,625
Share-based compensation	1,408,778	1,694,284
Total remuneration of key management personnel	3,023,361	3,050,534

15. INCOME TAXES

(a) Provision for Income Taxes

Major items causing the Company's effective income tax rate to differ from the combined Canadian federal and provincial statutory rate of 26.5% (2023 - 26.5%) were as follows:

	2024	2023
	\$	\$
Loss before income taxes	(11,703,990)	(14,414,266)
Expected income tax recovery based on statutory rate Adjustments to expected income tax benefit:	(3,102,000)	(3,820,000)
Share-based compensation	473,000	849,000
Non-deductible expenses and other	(33,000)	4,000
Change in benefit of tax assets not recognised	2,662,000	2,967,000
Deferred income tax provision (recovery)	-	-

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

15. INCOME TAXES (continued)

b) Deferred Income Tax

The components of deferred tax are summarised below. Deferred tax assets and liabilities have been offset where they relate to income taxes levied by the same taxation authority and the Company has the legal right and intent to offset.

	2024 \$	2023 \$
Recognised deferred tax assets and liabilities		
Non-capital losses carry-forwards	-	12,000
Interest in exploration and evaluation property	507,635	-
Property and equipment	(515,160)	151,000
Right-of-use assets	(121,000)	(163,000)
Lease liability	128,525	-
Net deferred tax assets	-	-

Deferred income tax assets have not been recognised in respect of the following deductible temporary differences:

	2024 \$	2023 \$
Non-capital loss carry-forwards	29,628,000	19,444,000
Equipment	-	569,000
Interest in exploration and evaluation property	26,340,000	28,256,000
Scientific research and development	580,000	580,000
Share issue costs	675,000	1,033,000
Lease liability	-	614,000
Deductible temporary differences	57,223,000	50,496,000

Deferred tax assets have not been recognised in respect of these temporary differences because it is not probable that future taxable profits will be available against which the Company can utilise the benefits.

c) Loss Carry-Forwards

The Company has available non-capital losses for Canadian income tax purposes which may be carried forward to reduce taxable income in future years. If not utilised, the non-capital losses of approximately \$29,630,000 will expire between the fiscal years ending March 31, 2031 and March 31, 2044.

The Company has approximately \$35,530,000 of Canadian development and exploration expenditures as at March 31, 2024 (2023: \$35,250,000), which under certain circumstances may be utilised to reduce the taxable income of future years.

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

16. FINANCIAL INSTRUMENTS AND RELATED RISKS

The Company's operations include the acquisition and commercialization of intellectual property in Canada and foreign jurisdictions. The Company examines the various financial risks to which it is exposed and assesses the impact and likelihood of occurrence. These risks may include credit risk, liquidity risk, currency risk, interest rate risk and other risks. Where material, these risks are reviewed and monitored by the Board of Directors. The Company's counterparty credit risk increased from the prior year as a result of the trade receivables and loan receivable in existence at year end.

a) Credit Risk

Counterparty credit risk is the risk that the financial benefits of contracts with a specific counterparty will be lost if a counterparty defaults on its obligations under the contract. This includes any cash amounts owed to the Company by those counterparties, less any amounts owed to the counterparty by the Company where a legal right of set-off exists and also includes the fair values of contracts with individual counterparties which are recorded in the consolidated financial statements.

i) Accounts receivable, other receivables and loan receivable

As the Company has commenced production and sales, it is exposed to credit risk with respect to its accounts receivable. The Company also issued a loan receivable during the prior year further increasing its exposure to credit risk. The Company manages its credit risk by reviewing and assessing credit exposure prior to facilities being committed to customers. Overall the Company's credit risk has not changed from the prior period. The Company's accounts and other receivables and loan receivable total \$839,793 (2023: \$3,552,649), representing the maximum exposure to credit risk from those financial assets. The loan receivable is secured by mortgages against properties held by the borrower which lowers the maximum exposure to credit risk.

ii) Cash and Cash Equivalents

In order to manage credit and liquidity risk, the Company's cash is held through a large Canadian Financial Institution and the Company invests only in highly rated investment grade instruments that are cashable or have maturities of three months or less. The investments are readily convertible to a known amount of cash and are subject to an insignificant risk of change in value.

b) 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 liquidity risk through the management of its capital structure. Accounts payable and accrued liabilities are due within the current operating period.

The following are the undiscounted amounts and contractual maturities of the Company's long-term debt and anticipated timing of settlements of its other financial liabilities as at March 31, 2024 and 2023:

Balance, as at March 31, 2024	< 1 year	1-2 years	> 2 years
	\$	\$	\$
Accounts payable and accrued liabilities	1,169,262	-	-
Lease liability	151,129	171,990	161,737
Debt	498,613	259,114	-
Balance, as at March 31, 2023	< 1 year	1-2 years	> 2 years
	\$	\$	\$
Accounts payable and accrued liabilities	1,292,474	-	-
Lease liability	129,264	151,129	333,727
Long-term debt	998,080	-	-

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

16. FINANCIAL INSTRUMENTS AND RELATED RISKS (continued)

c) Interest Rate Risk

Interest rate risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates. The risk that the Company will realise a significant loss as a result of a decline in the fair market value of investments or items held within cash and cash equivalents is limited given that the majority have a relatively short maturity. The Company manages its interest rate risk with investments by investing the majority of funds in short-term investments and therefore is not exposed to significant fluctuations in interest rates. The Company believes that its interest rate risk is minimal.

d) Currency Risk

The Company is exposed to the financial risk related to the fluctuation of foreign exchange rates. The functional and reporting currency of the Company is the Canadian dollar. The Company is involved with a number of foreign vendors in the United States of America. Changes in the currency exchange rates between the Canadian dollar relative to the U.S. dollar could have an effect on the Company's results of operations, financial position or cash flows. As a result, the Company is exposed to currency risk on these transactions. A 1% strengthening of the US dollar would affect net loss by approximately \$5,000. The Company has not hedged its exposure to currency fluctuations as the exposure has been deemed to be minimal.

e) Fair Value of Financial Instruments

IFRS 13 establishes a fair value hierarchy that prioritizes the input to valuation techniques used to measure fair value as follows:

Level 1 - quoted prices (unadjusted) in active markets for identical assets or liabilities;

Level 2 - inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly (i.e., as prices) or indirectly (i.e., derived from prices); and

Level 3 - inputs for the asset or liability that are not based on observable market data (unobservable inputs).

As at March 31, 2024, the Company does not have any financial instruments recorded at fair value and that require classification within the fair value hierarchy.

The fair values of all of the Company's financial instruments approximate their carrying values.

f) Sensitivity Analysis

Based on management's knowledge and experience in the financial markets, the Company believes the following movements are "reasonably possible" over a twelve month period:

Temporary investments are invested in guaranteed investment certificates. Sensitivity to a plus or minus 1% change in rates, based on the current balance of temporary investments, would affect the net loss by approximately plus or minus \$30,000 during a twelve-month period.

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

17. MANAGEMENT OF CAPITAL

The Company's objective when managing capital is to safeguard the entity's ability to continue as a going concern. In the management of capital, the Company monitors its adjusted capital which comprises all components of shareholders' equity. The Company's capital management objectives, policies and processes have remained unchanged during the years ended March 31, 2024 and 2023.

The Company sets the amount of capital in proportion to risk. The Company manages the capital structure and makes adjustments to it in the light of changes in economic conditions and the risk characteristics of the underlying assets. In order to maintain or adjust the capital structure, the Company may issue common shares through private placements.

18. COMMITMENTS AND CONTINGENCIES

a) Environmental Contingencies

The Company's activities are subject to various laws and regulations governing the protection of the environment. These laws and regulations are continually changing and generally becoming more restrictive. The Company believes its operations are materially in compliance with all applicable laws and regulations.

b) Research Agreements

The Company has entered various agreements with arms' length parties pertaining to ongoing science efforts in pursuit of research and/or development and intellectual property with the objective of profitably bringing products to market. Many of the counterparties to these agreements are Canadian universities and affiliated individuals. These agreements can be generalized as having 'no fault' termination clauses regarding ongoing commitments and future liability when the Company determines that the pursuit becomes ineffective or unlikely to result in a profitable or commercially-viable product.

Under certain of these technology license agreements with Canadian universities, the Company has an obligation to pay royalties on revenues from any subject technologies. No such revenues have been earned to date.

c) Contingent liabilities

In September 2018, the Company received a statement of claim from a former employee. The Company is in the process of defending the claim, but views the claim as unmeritorious. On March 24, 2020, the Company commenced an action claim against the former employee for relief relating to contracts and transactions between that employee and the Company, seeking to set aside those agreements and, where applicable, seeking disgorgement of unspecified amounts relating to benefits obtained under those agreements. Although there can be no assurance that any particular claim will be resolved in the Company's favour, management does not believe that the outcome of any claim or potential claims of which it is currently aware will have a material adverse effect on the Company. A trial date has been set to commence on October 21, 2024.

The Company is currently undergoing a Canada Revenue Agency ("CRA") audit of approximately \$4 million flow-through share ("FTS") expenditures made and renounced during the fiscal years ended March 31, 2019 through March 31, 2022. The CRA audit may result in amendments to the FTS expenditures renounced during the foregoing period. Such CRA amendments could result in a Company obligation to indemnify certain of the flow through shareholders as a result of reductions in previously flowed through expenditures. The CRA audit may also result in a Company obligation for penalties and interest related to reductions in prior-year FTS eligible expenditures and flow through.

As the resolution of the CRA audit is subject to many uncertainties, it is not possible to predict the ultimate outcome or to estimate the Company's potential obligation to indemnify flow through shareholders for amended flow through expenditures or for related penalties and interest, if any, which may result.

No provision has been made for this contingent liability and the amount of any future payment, if any, will be recorded in the period in which such a payment is measurable.

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

19. NET LOSS PER SHARE

Basic net loss per share figures are calculated using the weighted average number of common shares outstanding. The weighted average number of common shares issued and outstanding for the year ended March 31, 2024 is 100,503,442 (2023: 99,436,264). Diluted net loss per share figures are calculated after taking into account all warrants and stock options granted. For the years ended March 31, 2024 and March 31, 2023, all stock options and warrants were excluded from the diluted per share amounts as their effect is anti-dilutive in loss periods.

20. GOVERNMENT GRANTS

The Company has entered into agreements with various government agencies under which the Company is entitled to receive assistance and cost recoveries for specific research and development activities. The Company was successful in securing funding with the National Research Council for the Industrial Research Assistance Program for an HVAC project which included funding to offset both labour and third-party testing costs. The Company has also secured funding for ZENArmor Pigment Synthesis, Substrate Preparation and Coating from Public Works and Government Services Canada. Lastly, the Company has secured funding from Downsview Aerospace Innovation & Research Centre ("DAIR") Green Fund for passive icephobic coating testing.

Government grants received or receivable during the years ended March 31, 2024 and 2023 were as follows:

	2024	2023
	\$	\$
National Research Council	46,322	151,440
Public Works and Government Services Canada	304,391	-
DAIR Green Fund	67,500	7,500
Innovation, Science and Economic Development Canada	-	20,558
Total government grants received	418,213	179,498

21. OTHER EXPENSES

	Year	Year Ended March 31, 2023 \$
	Ended	
	March 31,	
	2024	
	\$	
Automotive	22,540	30,339
Bank fees	4,698	4,833
Dues and subscriptions	49,590	55,799
Freight and delivery	176,423	60,446
Meals and entertainment	49,591	60,863
Other expenses	41,826	41,096
Property taxes	31,862	31,666
Repairs and maintenance	83,795	76,529
Telephone	23,507	19,679
Utilities	20,848	35,039
Total other expenses	504,680	416,289

(Stated in Canadian Dollars) AS AT AND FOR THE YEARS ENDED MARCH 31, 2024 AND 2023

22. SUBSEQUENT EVENTS

On May 3, 2024, the Company announced the resignation of Dr. Francis Dube as Chief Operating Officer effective May 1, 2024 and the resignation of Brian Bosse as director effective May 3, 2024. Brian Bosse was appointed to the Company's advisory board effective May 3, 2024 and was granted 40,000 stock options at an exercise price of \$1.42 per common share. The options vest on May 3, 2025 and expire on May 3, 2027.

On May 21, 2024, a total of 250,000 stock options were exercised at \$0.40 per option resulting in proceeds of \$100,000 to the Company.

On June 14, 2024, 300,000 stock options were exercised using a "cashless" exercise method whereby 80,000 fewer shares were issued than options exercised as compensation for the \$120,000 in cash that traditionally would have been received by the Company upon exercise.

On June 20, 2024, 1,935,000 stock options were issued to a number of directors, officers and employees of the Company. The stock options have an exercise price of \$1.52 per common share. The options granted to the directors and officers, will vest one third on the date of grant, one third on the first anniversary of the grant, and one third on the second anniversary of the grant. For employees, the options will vest one quarter on the date of grant, and one quarter on each anniversary thereafter.