

**NOTICE TO SHAREHOLDERS**  
**For the Three and Six Months Ended June 30, 2020**  
(Unaudited and Expressed in US Dollars)

**POET TECHNOLOGIES INC.**

**POET TECHNOLOGIES INC.**

**CONDENSED CONSOLIDATED STATEMENTS OF FINANCIAL POSITION**  
**(Expressed in US Dollars)**

Audited  
 June 30, December 31,  
 2020 2019

<b>Assets</b>		
Current		
Cash and cash equivalents	\$ 11,895,907	\$ 1,428,129
Receivable from the sale of discontinued operations (Notes 3 and 20)	1,000,000	18,000,000
Prepays and other current assets (Note 4)	269,038	831,265
	<b>13,164,945</b>	<b>20,259,394</b>
Property and equipment (Note 5)	3,570,678	3,143,060
Patents and licenses (Note 6)	443,658	452,384
Right of use assets (Note 7)	384,083	222,517
	<b>\$ 17,563,364</b>	<b>\$ 24,077,355</b>
<b>Liabilities</b>		
Current		
Accounts payable and accrued liabilities (Note 8)	\$ 2,394,443	\$ 1,725,708
Covid-19 government support loans (Note 21)	46,687	-
Lease liability (Note 7)	107,348	90,504
Convertible debentures (Note 9)	2,946,180	3,089,033
	<b>5,494,658</b>	<b>4,905,245</b>
Non-current covid-19 government support loans (Note 21)	169,520	-
Non-current lease liability (Note 7)	283,853	133,254
	<b>5,948,031</b>	<b>5,038,499</b>
<b>Shareholders' Equity</b>		
Share capital (Note 10(b))	113,266,705	112,144,172
Equity component of convertible debentures (Note 9)	576,223	627,511
Warrants and compensation options (Note 11)	7,940,842	8,525,358
Contributed surplus (Note 12)	40,533,864	38,799,337
Accumulated other comprehensive loss	(1,877,197)	(1,908,715)
Deficit	(148,825,104)	(139,148,807)
	<b>11,615,333</b>	<b>19,038,856</b>
	<b>\$ 17,563,364</b>	<b>\$ 24,077,355</b>

Commitments and contingencies (Note 14)

On behalf of the Board of Directors

  
 \_\_\_\_\_  
 Director

  
 \_\_\_\_\_  
 Director

**POET TECHNOLOGIES INC.**

**CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS AND DEFICIT**  
(Expressed in US Dollars)

	Three Months Ended June 30,		Six Months Ended June 30,	
	2020	2019	2020	2019
Operating expenses				
Selling, marketing and administration (Note 19)	\$ 2,098,761	\$ 1,484,440	\$ 3,807,633	\$ 3,009,313
Research and development (Note 19)	1,399,723	497,023	2,943,294	799,277
Operating expenses	<b>3,498,484</b>	1,981,463	<b>6,750,927</b>	3,808,590
Interest expense (Notes 7 and 9)	228,591	197,540	445,275	197,540
Other income, including interest	(18,543)	(1,579)	(19,905)	(4,823)
Amortization of debt issuance costs	-	101,901	-	101,901
Credit loss on receivable from the sale of discontinued operations (Note 3)	2,500,000	-	2,500,000	-
Net loss from continuing operations	<b>(6,208,532)</b>	(2,279,325)	<b>(9,676,297)</b>	(4,103,208)
Loss from discontinued operations, net of taxes (Note 20)	-	(1,500,553)	-	(2,359,212)
Net loss	<b>(6,208,532)</b>	<b>(3,779,878)</b>	<b>(9,676,297)</b>	<b>(6,462,420)</b>
Deficit, beginning of period	<b>(142,616,572)</b>	(135,878,474)	<b>(139,148,807)</b>	(133,195,932)
Net loss	<b>(6,208,532)</b>	<b>(3,779,878)</b>	<b>(9,676,297)</b>	<b>(6,462,420)</b>
Deficit, end of period	<b>\$(148,825,104)</b>	\$(139,658,352)	<b>\$(148,825,104)</b>	\$(139,658,352)
Basic and diluted loss per share, continuing operations (Note 13)	\$ (0.02)	\$ (0.01)	\$ (0.03)	\$ (0.01)
Basic and diluted loss per share, discontinued operations (Note 13)	\$ -	\$ -	\$ -	\$ (0.01)
Basic and diluted net loss per share (Note 13)	\$ (0.02)	\$ (0.01)	\$ (0.03)	\$ (0.02)

Certain reclassifications of prior years' amounts have been made to conform to the current years' presentation.

**CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE LOSS**  
(Expressed in US Dollars)

	Three Months Ended June 30,		Six Months Ended June 30,	
	2020	2019	2020	2019
Net loss	\$ (6,208,532)	\$ (3,779,878)	\$ (9,676,297)	\$ (6,462,420)
Other comprehensive (loss) income - net of income taxes				
Exchange differences on translating foreign operations, continuing operations	133,222	19,012	31,518	153,553
Exchange differences on translating foreign operations, discontinued operations	-	(84,957)	-	(127,159)
Comprehensive loss	<b>\$ (6,075,310)</b>	<b>\$ (3,845,823)</b>	<b>\$ (9,644,779)</b>	<b>\$ (6,436,026)</b>

**POET TECHNOLOGIES INC.**

**CONDENSED CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY**  
**(Expressed in US Dollars)**

<b>For the Six Months Ended June 30,</b>	<b>2020</b>	<b>2019</b>
<b>Share Capital</b>		
Beginning balance	\$ 112,144,172	\$ 112,028,194
Funds from the exercise of warrants	11,441	-
Fair value assigned to warrants exercised	5,160	-
Conversion of convertible debentures	293,675	-
Fair value of warrants issued upon the conversion of convertible debentures	(121,468)	-
Funds from the exercise of stock options	350,171	-
Fair value assigned to stock options exercised	361,934	-
Fair value of warrants issued in conjunction with debt financing	221,620	-
June 30,	<b>113,266,705</b>	112,028,194
<b>Equity Component of Convertible Debentures</b>		
Beginning balance	627,511	-
Fair value of equity component related to conversion of convertible debenture	(51,288)	557,815
June 30,	<b>576,223</b>	557,815
<b>Warrants</b>		
Beginning balance	8,525,358	8,303,738
Fair value of expired compensation options issued to brokers	(479,204)	-
Fair value of warrants issued upon the conversion of convertible debentures	121,468	-
Fair value assigned to warrants exercised	(5,160)	-
Fair value of warrants issued as cost of debt financing	(221,620)	221,620
June 30,	<b>7,940,842</b>	8,525,358
<b>Contributed Surplus</b>		
Beginning balance	38,799,337	36,042,754
Stock-based compensation	1,623,268	1,598,937
Fair value of stock options exercised	(361,934)	-
Fair value of expired warrants	479,204	-
Fair value effect of early conversion of convertible debentures	(6,011)	-
June 30,	<b>40,533,864</b>	37,641,691
<b>Accumulated Other Comprehensive Loss</b>		
Beginning balance	(1,908,715)	(2,083,514)
Other comprehensive income attributable to common shareholders - translation adjustment	31,518	153,553
June 30,	<b>(1,877,197)</b>	(1,929,961)
<b>Deficit</b>		
Beginning balance	(139,148,807)	(133,195,932)
Net loss	(9,676,297)	(6,462,420)
June 30,	<b>(148,825,104)</b>	(139,658,352)
<b>Total shareholders' equity</b>	<b>\$ 11,615,333</b>	<b>\$ 17,164,745</b>

**POET TECHNOLOGIES INC.**

**CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS**  
**(Expressed in US Dollars)**

<b>For the Six Months Ended June 30,</b>	<b>2020</b>	<b>2019</b>
CASH AND CASH EQUIVALENTS (USED IN) PROVIDED BY:		
OPERATING ACTIVITIES		
Net loss	\$ (9,676,297)	\$ (6,462,420)
Discontinued operations, net of tax (Note 20)	-	2,359,212
<b>Net loss, continuing operations</b>	<b>(9,676,297)</b>	<b>(4,103,208)</b>
Adjustments for:		
Depreciation of property and equipment (Note 5)	275,765	52,871
Amortization of patents and licenses (Note 6)	34,496	30,143
Amortization of debt issuance cost	-	101,901
Amortization of right of use asset (Note 7)	53,636	-
Accretion of debt discount on convertible debentures and non-cash interest (Notes 7 and 9)	238,209	62,483
Stock-based compensation (Note 12)	1,623,268	1,407,188
Expected credit loss on receivable from the sale of discontinued operations (Note 3)	2,500,000	-
Gain on lease modification (Note 7)	(786)	-
	<b>(4,951,709)</b>	<b>(2,448,622)</b>
Net change in non-cash working capital accounts:		
Prepaid and other current assets	539,293	52,611
Accounts payable and accrued liabilities	721,960	301,786
Cash flows from operating activities, continuing operations	<b>(3,690,456)</b>	<b>(2,094,225)</b>
Cash flows from operating activities, discontinued operations (Note 20)	-	(2,274,989)
	<b>(3,690,456)</b>	<b>(4,369,214)</b>
INVESTING ACTIVITIES		
Receivable from the sale of discontinued operations (Note 3)	14,500,000	-
Purchase of property and equipment (Note 5)	(806,175)	-
Purchase of patents and licenses (Note 6)	(25,770)	(40,035)
Cash flows from investing activities, continuing operations	<b>13,668,055</b>	<b>(40,035)</b>
Cash flow from investing activities, discontinued operations (Note 20)	-	(1,433,277)
	<b>13,668,055</b>	<b>(1,473,312)</b>
FINANCING ACTIVITIES		
Proceeds from convertible debentures, net of issue costs paid in cash	-	2,979,779
Proceeds from loan payable and promissory note, net of issue costs paid in cash	-	2,462,923
Proceeds from Covid-19 government support loans (Note 21)	216,207	-
Issue of common shares for cash from the exercise of warrants and stock options	361,612	-
Payment of lease liability (Note 7)	(66,318)	-
Cash flows from financing activities, continuing operations	<b>511,501</b>	<b>5,442,702</b>
Cash flow from financing activities, discontinued operations (Note 20)	-	(145,007)
	<b>511,501</b>	<b>5,297,695</b>
EFFECT OF EXCHANGE RATE CHANGES ON CASH, continuing operations	(21,322)	64,482
EFFECT OF EXCHANGE RATE CHANGES ON CASH, discontinued operations (Note 20)	-	1,186
TOTAL EFFECT OF EXCHANGE RATE CHANGES ON CASH	<b>(21,322)</b>	<b>65,668</b>
NET CHANGE IN CASH AND CASH EQUIVALENTS, continuing operations	<b>10,467,778</b>	<b>3,372,924</b>
NET CHANGE IN CASH AND CASH EQUIVALENTS, discontinued operations (Note 20)	-	(3,852,087)
CASH AND CASH EQUIVALENTS, beginning of period	<b>1,428,129</b>	<b>2,567,868</b>
CASH AND CASH EQUIVALENTS, end of period	<b>\$ 11,895,907</b>	<b>\$ 2,088,705</b>

## **POET TECHNOLOGIES INC.**

### **NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS** **(Expressed in US Dollars)**

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#### **1. DESCRIPTION OF BUSINESS**

POET Technologies Inc. is incorporated in the Province of Ontario. POET Technologies Inc. and its subsidiaries (the "Company") design and develop the POET Optical Interposer and Photonic Integrated Circuits for the data centre and tele-communications markets. The Company's head office is located at 120 Eglinton Avenue East, Suite 1107, Toronto, Ontario, Canada M4P 1E2. These condensed unaudited consolidated financial statements of the Company were approved by the Board of Directors of the Company on August 20, 2020.

These condensed unaudited consolidated financial statements have been prepared on the going concern basis which assumes that the Company will have sufficient cash to pay its debts, as and when they become payable, for a period of at least 12 months from the date the financial report was authorised for issue.

#### **2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

These condensed unaudited consolidated financial statements of the Company and its subsidiaries were prepared in accordance with International Financial Reporting Standards ("IFRS"), as issued by the International Accounting Standards Board ("IASB").

These condensed unaudited consolidated financial statements do not include all of the information required for full annual financial statements and should be read in conjunction with the consolidated audited financial statements as of and for the year ended December 31, 2019.

The preparation of financial statements in accordance with International Accounting Standards ("IAS") 34 Interim Financial Reporting, requires the use of certain critical accounting estimates. It also requires management to exercise judgment in applying the Company's accounting policies. The areas involving a higher degree of judgment or complexity, or areas where assumptions and estimates are significant to the financial statements are disclosed below:

##### **Basis of presentation**

These consolidated financial statements include the accounts of POET Technologies Inc. and its subsidiaries; ODIS Inc. ("ODIS"), Opel Solar Inc. ("OPEL"), BB Photonics Inc., BB Photonics UK Limited (collectively "BB Photonics") and POET Technologies Pte Ltd. ("PTS"). They also include the accounts of DenseLight Semiconductor Pte Ltd. ("DenseLight"), which the Company sold in 2019 and is reported as discontinued operations in 2019. All intercompany balances and transactions have been eliminated on consolidation.

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**(Expressed in US Dollars)**

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**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

**Foreign currency translation**

These condensed unaudited consolidated financial statements are presented in U.S. dollars ("USD"), which is the Company's presentation currency.

Items included in the financial statements of each of the Company's subsidiaries are measured using the currency of the primary economic environment in which the entity operates (the "functional currency"). Foreign currency transactions are translated into the functional currency using the exchange rates prevailing at the dates of the transaction. Foreign exchange gains and losses resulting from the settlement of such transactions and from the translation of monetary assets and liabilities not denominated in the functional currency of an entity are recognized in the statement of operations and deficit.

Assets and liabilities of entities with functional currencies other than U.S. dollars are translated into the presentation currency at the year end rates of exchange, and the results of their operations are translated at average rates of exchange for the year. The resulting translation adjustments are included in accumulated other comprehensive loss in shareholders' equity. Additionally, foreign exchange gains and losses related to certain intercompany loans that are permanent in nature are included in accumulated other comprehensive loss. Elements of equity are translated at historical rates.

**Financial Instruments**

IFRS 9 introduced new classification and measurement models for financial assets. The investment classifications held-to-maturity and available-for-sale are no longer used and financial assets at fair value through other comprehensive income ("FVTOCI") were introduced. Financial assets held with an objective to hold assets in order to collect contractual cash flows which arise on specified dates that are solely principal and interest are measured at amortised cost using the effective interest method. Debt investments held with an objective to hold both assets in order to collect contractual cash flows which arise on specified dates that are solely principal and interest as well as selling the asset on the basis of fair value are measured at FVTOCI. All other financial assets are classified and measured at fair value through profit or loss ("FVTPL"). Financial liabilities are classified as either FVTPL or other financial liabilities, and the portion of the change in fair value that relates to the Company's credit risk is presented in other comprehensive income (loss). Instruments classified as FVTPL are measured at fair value with unrealized gains and losses recognized in net income (loss). Other financial liabilities are subsequently measured at amortised cost using the effective interest method.

Transaction costs that are directly attributable to the acquisition or issuance of financial assets and financial liabilities, other than financial assets and financial liabilities classified as FVTPL, are added to or deducted from the fair value on initial recognition. Transaction costs directly attributable to the acquisition of financial assets or financial liabilities classified as FVTPL are recognized immediately in consolidated net loss.

**Financial assets**

The Company derecognizes a financial asset when the contractual rights to the cash flows from the financial asset expire, or it transfers the rights to receive the contractual cash flows in a transaction in which substantially all of the risks and rewards of ownership of the financial asset are transferred or in which the Company neither transfers nor retains substantially all of the risks and rewards of ownership and it does not retain control of the financial asset. Any interest in transferred financial assets that is created or retained by the Company is recognized as a separate asset or liability.

**Financial liabilities**

A financial liability is derecognized from the balance sheet when it is extinguished, that is, when the obligation specified in the contract is either discharged, cancelled or expires. Where there has been an exchange between an existing borrower and lender of debt instruments with substantially different terms, or there has been a substantial modification of the terms of an existing financial liability, this transaction is accounted for as an extinguishment of the original financial liability and the recognition of a new financial liability. A gain or loss from extinguishment of the original financial liability is recognized in profit or loss.

## POET TECHNOLOGIES INC.

### NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in US Dollars)

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#### 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

The Company's financial instruments include cash and cash equivalents, receivable from the sale of discontinued operations, accounts payable and accrued liabilities, convertible debentures, and covid-19 government support loans.

The following table outlines the classification of financial instruments under IFRS 9:

##### Financial Assets

Cash and cash equivalents	Amortized cost
Short-term investments	Amortized cost
Accounts receivable	Amortized cost

##### Financial Liabilities

Accounts payable and accrued liabilities	Amortized cost
Convertible debentures	Amortized cost
Covid-19 government support loans	Amortized cost

Convertible debentures are accounted for as a compound financial instrument with a debt component and a separate equity component. The debt component of these compound financial instruments is measured at fair value on initial recognition by discounting the stream of future interest and principal payments at the rate of interest prevailing at the date of issue for instruments of similar term and risk. The debt component is subsequently deducted from the total carrying value of the compound instrument to derive the equity component. The debt component is subsequently measured at amortized cost using the effective interest rate method. Interest expense based on the coupon rate of the debenture and the accretion of the liability component to the amount that will be payable on redemption are recognized through profit or loss as a finance cost.

##### Cash and cash equivalents

Cash and cash equivalents consist of cash in current accounts of \$3,733,298 (2019 - \$1,278,129) and funds invested in US Term Deposits of \$8,162,609 (2019 - \$150,000) earning interest at rates between 0.35% and 1.31% and maturing in less than 90 days.

Cash and cash equivalents include restricted funds of \$31,256 (2019 - \$93,800) which serves as a bank guarantee for the purchase of certain equipment. The bank guarantee is reduced on a monthly basis by \$10,424 which is the amount paid monthly in settlement of the outstanding balance on the equipment.

##### Property and equipment

Property and equipment are recorded at cost. Depreciation is calculated based on the estimated useful life of the asset using the following method and useful lives:

Machinery and equipment	Straight Line, 5 years
Leasehold improvements	Straight Line, 5 years or life of the lease, whichever is less
Office equipment	Straight Line, 3 - 5 years

##### Patents and licenses

Patents and licenses are recorded at cost and amortized on a straight line basis over 12 years. Ongoing maintenance costs are expensed as incurred.

##### Impairment of long-lived assets

The Company's tangible and intangible assets are reviewed for indications of impairment whenever events or changes in circumstances indicate that the carrying amounts of the assets may not be recoverable. An assessment is made at each reporting date whether there is any indication that an asset may be impaired.



**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**(Expressed in US Dollars)**

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**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

An impairment loss is recognized when the carrying amount of an asset exceeds its recoverable amount. Impairment losses are recognized in profit and loss for the year. The recoverable amount is the greater of the asset's fair value less costs to sell and value in use. 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. For an asset that does not generate largely independent cash inflows, the recoverable amount is determined for the cash-generating unit ("CGU") to which the asset belongs.

An impairment loss is reversed if there is an indication that there has been a change in the estimates used to determine the recoverable amount. An impairment loss is reversed only to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation or amortization, if no impairment loss had been recognized.

**Revenue recognition**

Revenue is measured based on the consideration specified in a contract with a customer and excludes amounts collected on behalf of third parties. The Company recognizes revenue when it transfers control over a product or service to a customer.

**Sale of goods**

Revenue from the sale of goods is recognized, net of discounts and customer rebates, at the point in time the transfer of control of the related products has taken place as specified in the sales contract and collectability is reasonably assured.

**Service revenue**

The Company provides contract services, primarily in the form of non-recurring revenue ("NRE") where control is passed to the customer over time. The contracts generally provide agreed upon milestones for customer payment which include but are not limited to the delivery of sample products, design reports and test reports. The customer makes payment when it has approved the delivery of the milestone. The Company must determine if the contract is made up of a series of independent performance obligations or a single performance obligation. Where NRE contracts contain multiple performance obligations for which a standalone transaction price can be assessed, revenue is recognized as each performance obligation is satisfied. Where NRE contracts contain a single performance obligation to be settled over time, revenue is recognized progressively based on the output method.

**Other income**

**Interest income**

Interest income on cash is recognized as earned using the effective interest method.

**Wage subsidies**

Wages subsidies received from the Singaporean government are netted against payroll costs on the consolidated statements of operations and deficit.

**Intangible assets**

**Research and development costs**

Research costs are expensed in the year incurred. Development costs are also expensed in the year incurred unless the Company believes a development project meets IFRS criteria as set out in IAS 38, *Intangible Assets*, for deferral and amortization. IAS 38 requires all research costs be charged to expense while development costs are capitalised only after technical and commercial feasibility of the asset for sale or use have been established. This means that the entity must intend and be able to complete the intangible asset and either use it or sell it and be able to demonstrate how the asset will generate future economic benefits. Development costs are tested for impairment whenever events or changes indicate that its carrying amount may not be recoverable.

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**(Expressed in US Dollars)**

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**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

**Stock-based compensation**

Stock options and warrants awarded to non employees are measured using the fair value of the goods or services received unless that fair value cannot be estimated reliably, in which case measurement is based on the fair value of the stock options. Stock options and warrants awarded to employees are accounted for using the fair value method. The fair value of such stock options and warrants granted is recognized as an expense on a proportionate basis consistent with the vesting features of each tranche of the grant. The fair value is calculated using the Black-Scholes option pricing model with assumptions applicable at the date of grant.

**Loss per share**

Basic loss per share for both continuing operations and discontinued operations, net of taxes is calculated by dividing net loss by the weighted average number of common shares outstanding during the year. Diluted loss per share is calculated by dividing net loss by the weighted average number of common shares outstanding during the period after giving effect to potentially dilutive financial instruments. The dilutive effect of stock options and warrants is determined using the treasury stock method.

**3. RECEIVABLE FROM THE SALE OF DISCONTINUED OPERATIONS**

On November 8, 2019, the Company sold 100% of the issued and outstanding shares of DenseLight for \$26,000,000. The Company received \$8,000,000 upon the consummation of the sale with the remaining \$18,000,000 expected over three tranche payments in 2020. Payments received in the first quarter were as follows: \$4,750,000 received on February 14, 2020 and \$8,250,000 received on March 30, 2020.

During the second quarter, after taking into consideration the length of time it had taken the Buyer to make the foregoing payments and the Company's expectations regarding the likelihood of receiving an additional payment, the Company determined that it was in its best interest to accept partial payments as final payment on the Company's remaining \$5,000,000 receivable. The Company determined, after negotiating payments of \$1,500,000, received on June 29, 2020 and \$1,000,000, received on July 3, 2020 (subsequent to the quarter end, see Note 23), that the remaining \$2,500,000 was not collectible. As a result, the Company recognized a credit loss of \$2,500,000 during the period ended June 30, 2020 (nil - 2019).

**4. PREPAIDS AND OTHER CURRENT ASSETS**

The following table reflects the details of prepaids and other current assets:

	<b>June 30, 2020</b>	December 31, 2019
Sales tax recoverable and other current assets	<b>\$ 148,588</b>	\$ 81,265
Prepaid expenses	<b>120,450</b>	750,000
	<b>\$ 269,038</b>	\$ 831,265

**POET TECHNOLOGIES INC.**

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**(Expressed in US Dollars)**

**5. PROPERTY AND EQUIPMENT**

	Equipment not in service	Leasehold improvements	Machinery and equipment	Office equipment	Total
<b>Cost</b>					
Balance, January 1, 2019	\$ 3,142,153	\$ 667,342	\$ 11,017,985	\$ 621,441	\$ 15,448,921
Additions	1,986,210	-	39,260	19,480	2,044,950
Disposals <sup>(1)</sup>	(4,388,762)	(667,342)	(8,198,519)	(555,688)	(13,810,311)
Effect of changes in foreign exchange rates	24,741	-	14,529	-	39,270
Balance, December 31, 2019	764,342	-	2,873,255	85,233	3,722,830
Additions	605,666	68,000	111,326	21,183	806,175
Reclassification	(82,031)	-	78,822	3,209	-
Effect of changes in foreign exchange rates	(21,964)	-	(84,487)	(198)	(106,649)
Balance, June 30, 2020	1,266,013	68,000	2,978,916	109,427	4,422,356
<b>Accumulated Depreciation</b>					
Balance, January 1, 2019	-	350,497	5,411,757	387,154	6,149,408
Depreciation	-	-	144,337	22,005	166,342
Disposals <sup>(1)</sup>	-	(350,497)	(5,044,288)	(341,195)	(5,735,980)
Balance, December 31, 2019	-	-	511,806	67,964	579,770
Depreciation for the period	-	3,388	267,759	4,618	275,765
Effect of changes in foreign exchange rates	-	-	(3,857)	-	(3,857)
Balance, June 30, 2020	-	3,388	775,708	72,582	851,678
<b>Carrying Amounts</b>					
At December 31, 2019	\$ 764,342	\$ -	\$ 2,361,449	\$ 17,269	\$ 3,143,060
At June 30, 2020	\$ 1,266,013	\$ 64,612	\$ 2,203,208	\$ 36,845	\$ 3,570,678

(1) On November 8, 2019, the Company disposed of property and equipment used in the operations of DenseLight

**6. PATENTS AND LICENSES**

<b>Cost</b>	
Balance, January 1, 2019	\$ 737,686
Additions	77,037
Disposals	(29,696)
Balance, December 31, 2019	785,027
Additions	25,770
Balance, June 30, 2020	810,797
<b>Accumulated Depreciation</b>	
Balance, January 1, 2019	270,972
Amortization	61,671
Balance, December 31, 2019	332,643
Amortization during the period	34,496
Balance, June 30, 2020	367,139
<b>Carrying Amounts</b>	
At December 31, 2019	\$ 452,384
At June 30, 2020	\$ 443,658

**POET TECHNOLOGIES INC.**

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**(Expressed in US Dollars)**

**7. RIGHT OF USE ASSET AND LEASE LIABILITY**

On January 1, 2019, the Company adopted IFRS 16, Leases. Upon adoption of IFRS 16, the Company recognized an operating lease liability and right of use asset relating to new leases entered into on February 15, 2019 related to DenseLight, November 1, 2019 related to PTS and April 1, 2020 related to ODIS. The lease liability was measured at the present value of the remaining lease payments, discounted using the Company's incremental borrowing rate of 12%.

<b>Right of use asset</b>	<b>Building</b>
<b>Cost</b>	
Balance, January 1, 2019	\$ -
Additions	1,127,534
Disposal	(892,300)
Effect of changes in foreign exchange rates	2,966
Balance, December 31, 2019	238,200
Additions	271,935
Lease modification	(47,939)
Effect of changes in foreign exchange rates	(9,567)
Balance, June 30, 2020	\$ 452,629
<b>Accumulated Amortization</b>	
Balance, January 1, 2019	-
Amortization	15,683
Balance, December 31, 2019	15,683
Amortization during the period	53,636
Effect of changes in foreign exchange rates	(773)
Balance, June 30, 2020	68,546
<b>Carrying Amounts</b>	
At December 31, 2019	\$ 222,517
At June 30, 2020	\$ 384,083
<b>Lease liability</b>	
Balance, January 1, 2019	\$ -
Additions	1,127,534
Interest expense	4,705
Interest included in discontinued operations	74,494
Lease payments	(19,162)
Lease payments included in discontinued operations	(258,460)
Disposal	(695,733)
Effect of changes in foreign exchange rates	(9,620)
Balance, December 31, 2019	223,758
Interest expense	19,381
Lease modification	(48,725)
Additions	271,935
Lease payments	(66,318)
Effect of changes in foreign exchange rates	(8,830)
Balance, June 30, 2020	\$ 391,201

During the period ending June 30, 2020, the Company modified its lease resulting in reducing the space it leased for the operations at PTS. The Company recognized a gain of \$786 on the lease modification which is included selling, general and marketing on the consolidated statements of operations and deficit.

## POET TECHNOLOGIES INC.

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Expressed in US Dollars)

#### 8. ACCOUNTS PAYABLE AND ACCRUED LIABILITIES

	June 30, 2020	December 31, 2019
Trade payable	\$ 2,119,833	\$ 1,507,644
Payroll related liabilities	160,885	44,677
Accrued liabilities	113,725	173,387
	<b>\$ 2,394,443</b>	<b>\$ 1,725,708</b>

#### 9. CONVERTIBLE DEBENTURES

##### Convertible Debentures

In 2019, Management approved the issuance of up to \$10.5 million of unsecured convertible debentures (the "Convertible Debentures") of the Company. The Convertible Debentures were sold in multiple tranches, on a brokered private placement basis through the Company's financial advisors, IBK Capital. In 2019, the Company closed five tranches of the private placement of the Convertible Debentures that raised gross proceeds of \$3,729,921 (CAD\$4,983,000). The Convertible Debentures, bear interest at 12% per annum, compounded annually with 1% payable at the beginning of each month and mature two years from the date of issue. The Company paid \$377,072 (CAD\$499,462) in brokerage fees and other costs related to the closing of these five tranches.

The Convertible Debentures are convertible at the option of the holders thereof into units at any time after October 31, 2019 at a conversion price of CAD\$0.40 per unit for a total 12,457,500 units of the Company. Each unit will consist of one common share and one common share purchase warrant. Each common share purchase warrant will entitle the holder to purchase one common share of the Company at a price of CAD\$0.50 per share for a period of two years from the date upon which the convertible debenture is converted into units. Upon completing the sale of DenseLight, holders of Convertible Debentures will have the right to cause the Company to repurchase the Convertible Debentures at face value, subject to certain restrictions. The Convertible Debentures are governed by a trust indenture between the Company and TSX Trust Company as trustee.

Insiders of the Company subscribed for 14.3% or \$535,000 (CAD\$710,000) of the Convertible Debentures, including the Company's board of directors and senior management team. Insiders of IBK Capital subscribed for 4% or \$146,000 (CAD\$200,000) of the Convertible Debentures.

*IAS 32 Financial Instruments: Presentation* define these debt securities as compound financial instruments made up of both a liability component and an equity component. The debt component of the Convertible Debentures were fair valued using effective discount rates ranging from 28.74% to 29.71% which the Company determined would be the interest rate of the debts without a conversion feature. The difference between the fair value of the debt component and the loan is allocated to the equity component and is included in shareholders' equity. Interest expense on convertible debentures was \$425,894 during the period (2019 - \$197,540).

Because the Convertible Debentures are denominated in Canadian dollars and the conversion price is also denominated in Canadian dollars, the number of equity instruments that would be issued upon exercise of the convertible debentures are fixed. As a result, the equity component of the convertible debentures will not be periodically remeasured.

During the period, holders of certain convertible debentures converted \$293,675 worth of convertible debentures into 985,000 units of the Company.

**POET TECHNOLOGIES INC.**

**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**  
**(Expressed in US Dollars)**

**9. CONVERTIBLE DEBENTURES, LOAN PAYABLE AND PROMISSORY NOTE (Continued)**

The following table reflects the details of convertible debentures at June 30, 2020:

Convertible Debentures	Loan	Equity Component	Accretion	Debt Component
Issued April 3, 2019 (net of issue costs)	\$ 1,293,519	\$ (242,004)	\$ 225,006	\$ 1,276,521
Issued May 3, 2019 (net of issue costs)	862,876	(160,418)	146,366	848,824
Issued June 3, 2019 (net of issue costs)	496,995	(93,276)	75,925	479,644
Issued August 2, 2019 (net of issue costs)	305,273	(57,506)	39,198	286,965
Issued September 19, 2019 (net of issue costs)	122,965	(23,019)	13,125	113,071
Effect of foreign exchange rate changes	-	-	-	(58,845)
<b>Balance June 30, 2020</b>	<b>\$ 3,081,628</b>	<b>\$ (576,223)</b>	<b>\$ 499,620</b>	<b>\$ 2,946,180</b>

The following table reflects the details of convertible debentures at December 31, 2019:

Convertible Debentures	Loan	Equity Component	Accretion	Debt Component
Issued April 3, 2019 (net of issue costs)	\$ 1,293,519	\$ (242,004)	\$ 128,240	\$ 1,179,755
Issued May 3, 2019 (net of issue costs)	979,256	(183,317)	84,708	880,647
Issued June 3, 2019 (net of issue costs)	582,356	(109,017)	42,855	516,194
Issued August 2, 2019 (net of issue costs)	374,753	(70,154)	19,690	324,289
Issued September 19, 2019 (net of issue costs)	122,965	(23,019)	5,336	105,282
Effect of foreign exchange rate changes	-	-	-	82,866
<b>Balance December 31, 2019</b>	<b>\$ 3,352,849</b>	<b>\$ (627,511)</b>	<b>\$ 280,829</b>	<b>\$ 3,089,033</b>

**10. SHARE CAPITAL**

- (a) AUTHORIZED  
 Unlimited number of common shares  
 One special voting share

- (b) COMMON SHARES ISSUED

	Number of Shares	Amount
Balance, January 1, 2019	288,082,303	\$ 112,028,194
Funds from the exercise of stock options	281,250	60,028
Fair value of stock options exercised	-	55,950
<b>Balance, December 31, 2019</b>	<b>288,363,553</b>	<b>112,144,172</b>
Funds from the exercise of stock options	1,629,271	350,171
Fair value of stock options exercised	-	361,934
Funds from the exercise of warrants	30,000	11,441
Fair value of exercised warrants (Notes 12 and 13)	-	5,160
Issued on the conversion of convertible debentures (Note 9)	985,000	293,675
Fair value of warrants issued on conversion of convertible debentures	-	(121,468)
Exercise of warrants issued in conjunction with debt financing	942,448	221,620
<b>Balance, June 30, 2020</b>	<b>291,950,272</b>	<b>\$ 113,266,705</b>

During the period, holders of certain convertible debentures converted \$293,675 worth of convertible debentures into 985,000 units of the Company. Each unit consists of one common share and one common share purchase warrant. Each common share purchase warrant entitles the holder to purchase one common share of the Company at a price of \$0.38 (CAD\$0.50) per share for a period of two years from the date upon which the convertible debenture is converted into units.

## POET TECHNOLOGIES INC.

### NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in US Dollars)

#### 10. SHARE CAPITAL (Continued)

The fair value of the share purchase warrants was estimated using the Black-Scholes option pricing model with the following weighted average assumptions: dividend yield of 0%, risk-free interest rate of 1.43%, volatility of 86.75%, and estimated life of 2 years. The estimated fair value assigned to the warrants was \$121,468.

#### 11. WARRANTS AND COMPENSATION OPTIONS

The following table reflects the continuity of warrants and compensation options:

	Historical Average Exercise Price	Number of Warrants/ Compensation options	Historical Fair value
Balance, January 1, 2019	\$ 0.43	46,250,292	\$ 8,303,738
Fair value of warrants issued as cost of debt financing	0.27	3,289,500	221,620
Balance, December 31, 2019	0.43	49,539,792	8,525,358
Fair value of warrants issued on conversion of convertible debentures (Notes 9 and 10)	0.38	985,000	121,468
Fair value of expired compensation options issued to brokers	0.43	(1,505,442)	(479,204)
Fair value related to the exercise of warrants issued as cost of debt financing	0.27	(3,289,500)	(221,620)
Historical fair value assigned to warrants exercised	0.39	(30,000)	(5,160)
Balance, June 30, 2020	\$ 0.44	45,699,850	\$ 7,940,842

The holder of 3,289,500 warrants that were issued as a cost of debt financing exercised all the warrants during the period using a cashless exercise feature. The cashless exercise resulted in the Company issuing 942,448 common shares to the warrant holder.

During the period, the Company extended 12,545,350 warrants from its original expiry date of March 21, 2020 to July 23, 2020. The expiry of these warrants were subsequently extended to September 30, 2020. The warrant extension had no impact on the Company's consolidated statements of financial position or operations and deficit.

#### 12. STOCK OPTIONS AND CONTRIBUTED SURPLUS

##### Stock Options

On June 21, 2018, shareholders of the Company approved amendments to the Company's fixed 20% stock option plan (as amended, previously referred to as the "2016 plan", now referred to as the "2018 Plan"). Under the 2018 Plan, the board of directors may grant options to acquire common shares of the Company to qualified directors, officers, employees and consultants. The 2018 Plan provides that the number of common shares issuable pursuant to options granted under the 2018 Plan and pursuant to other previously granted options is limited to 57,611,360 (the "Number Reserved"). Any subsequent increase in the Number Reserved must be approved by shareholders of the Company and cannot, at the time of the increase, exceed 20% of the number of issued and outstanding shares. The stock options vest in accordance with the policies determined by the Board of Directors from time to time consistent with the provisions of the 2018 Plan which grants discretion to the Board of Directors.

**POET TECHNOLOGIES INC.**

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**(Expressed in US Dollars)**

**12. STOCK OPTIONS AND CONTRIBUTED SURPLUS (Continued)**

Stock option transactions and the number of stock options outstanding were as follows:

	Number of Options	Historical Weighted average Exercise Price
Balance, January 1, 2019	44,463,729	\$ 0.58
Expired/cancelled <sup>(1)</sup>	(8,707,811)	0.90
Exercised	(281,250)	0.22
Granted	17,785,670	0.27
Balance, December 31, 2019	53,260,338	0.43
Expired/cancelled	(7,357,000)	1.16
Exercised	(1,629,271)	0.23
Granted	9,250,326	0.35
Balance, June 30, 2020	53,524,393	\$ 0.30

(1) 2,277,186 cancelled options related to staff employed at DenseLight

During the six months ended June 30, 2020, the Company granted 9,250,326 (six months ended June 30, 2019 - 10,662,848) stock options to employees and consultants of the Company to purchase common shares at an average price of \$0.35 (six months ended June 30, 2019 - \$0.28) per share.

During the six months ended June 30, 2020, the Company recorded stock-based compensation of \$1,623,268 (six months ended June 30, 2019 - \$1,598,937) relating to stock options that vested during the period. The stock-based compensation during the six months ended June 30, 2019, applicable to employees of DenseLight in the amount of \$191,749 was reclassified to discontinued operations. (See note 20).

The stock options granted were valued using the Black-Scholes option pricing model using the following assumptions:

Six Months Ended June 30,	2020	2019
Weighted average exercise price	<b>\$0.35</b>	\$0.28
Weighted average risk-free interest rate	<b>0.52 - 1.52%</b>	1.57%
Weighted average dividend yield	<b>0%</b>	0%
Weighted average volatility	<b>94.77%</b>	95.48%
Weighted average estimated life	<b>10 years</b>	10 years
Weighted average share price	<b>\$0.35</b>	\$0.28
Share price on the various grant dates:	<b>\$0.22 - \$0.39</b>	\$0.24 - \$0.28
Weighted average fair value	<b>\$0.30</b>	\$0.24

The underlying expected volatility was determined by reference to the Company's historical share price movements, its dividend policy and dividend yield and past experience relating to the expected life of granted stock options.



**POET TECHNOLOGIES INC.**

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**(Expressed in US Dollars)**

**12. STOCK OPTIONS AND CONTRIBUTED SURPLUS (Continued)**

The weighted average remaining contractual life and weighted average exercise price of options outstanding and of options exercisable as at June 30, 2020 are as follows:

Options Outstanding				Options Exercisable		
Exercise Range	Number Outstanding	Historical Weighted Average Exercise Price	Weighted Average Remaining Contractual Life (years)	Number Exercisable	Historical Weighted Average Exercise Price	
\$0.11 - \$0.20	543,750	\$ 0.18	6.74	543,750	\$ 0.18	
\$0.21 - \$0.24	9,803,125	\$ 0.22	7.61	6,479,688	\$ 0.22	
\$0.25 - \$0.29	10,944,926	\$ 0.26	8.76	3,212,427	\$ 0.25	
\$0.30 - \$0.86	31,776,342	\$ 0.36	8.33	14,213,013	\$ 0.37	
\$0.87 - \$1.64	456,250	\$ 0.97	1.99	448,438	\$ 0.97	
	53,524,393	\$ 0.30	8.21	24,897,316	\$ 0.32	

**Contributed Surplus**

The following table reflects the continuity of contributed surplus:

	Amount
Balance, January 1, 2019	\$ 36,042,754
Stock-based compensation	2,812,533
Fair value of stock options exercised	(55,950)
Balance, December 31, 2019	38,799,337
Stock-based compensation	1,623,268
Fair value of stock options exercised	(361,934)
Fair value of expired compensation options issued to brokers	479,204
Fair value effect of early conversion of convertible debentures (Note 9)	(6,011)
Balance, June 30, 2020	\$ 40,533,864

**POET TECHNOLOGIES INC.**

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
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**13. LOSS PER SHARE**

	Three Months Ended June 30,		Six Months Ended June 30,	
	2020	2019	2020	2019
<b>Numerator</b>				
Net loss from continuing operations	\$ (6,208,532)	\$ (2,279,325)	\$ (9,676,297)	\$ (4,103,208)
Net loss from discontinued operations	\$ -	\$ (1,500,553)	\$ -	\$ (2,359,212)
<b>Net loss</b>	<b>\$ (6,208,532)</b>	<b>\$ (3,779,878)</b>	<b>\$ (9,676,297)</b>	<b>\$ (6,462,420)</b>
<b>Denominator</b>				
Weighted average number of common shares outstanding - basic and diluted	<b>291,174,505</b>	288,082,303	<b>290,278,652</b>	288,082,303
Basic and diluted loss per share, continuing operations	\$ (0.02)	\$ (0.01)	\$ (0.03)	\$ (0.01)
Basic and diluted loss per share, discontinued operations	\$ -	\$ -	\$ -	\$ (0.01)
<b>Basic and diluted loss per share</b>	<b>\$ (0.02)</b>	<b>\$ (0.01)</b>	<b>\$ (0.03)</b>	<b>\$ (0.02)</b>

The effect of common share purchase options, warrants and compensation options on the net loss in 2020 and 2019 is not reflected as they are anti-dilutive.

**14. COMMITMENTS AND CONTINGENCIES**

The Company has operating leases on three facilities; head office located in Toronto, Canada, design and testing operations located in Allentown, Pennsylvania (formerly in San Jose, California) and operating facilities located in Singapore. The Company's design and testing operations terminated a lease on January 31, 2020. A new lease was initiated on April 1, 2020 and expires on June 30, 2025. The lease on the Company's operating facilities was initiated on November 1, 2019 and expires April 30, 2022. As at June 30, 2020, the Company's head office was on a month to month lease term.

Remaining minimum annual rental payments to the lease expiration dates are as follows:

June 1, 2020 to January 1, 2021	\$ 78,950
2021 and beyond	452,768
	<b>\$ 531,718</b>

**15. RELATED PARTY TRANSACTIONS**

Compensation to key management personnel were as follows:

	Three Months Ended June 30,		Six Months Ended June 30,	
	2020	2019	2020	2019
Salaries	\$ 418,475	\$ 334,173	\$ 836,950	\$ 705,006
Share-based payments (1)	524,928	477,764	1,009,770	1,025,055
<b>Total</b>	<b>\$ 943,403</b>	<b>\$ 811,937</b>	<b>\$ 1,846,720</b>	<b>\$ 1,730,061</b>

(1) Share-based payments are the fair value of options granted to key management personnel and expensed during the various periods as calculated using the Black-Scholes model.

All transactions with related parties have occurred in the normal course of operations and are measured at the exchange amounts, which are the amounts of consideration established and agreed to by the related parties.

**POET TECHNOLOGIES INC.**

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**(Expressed in US Dollars)**

**16. SEGMENT INFORMATION**

The Company and its subsidiaries operate in a single segment; the design, manufacture and sale of semiconductor products and services for commercial applications. The Company's operating and reporting segment reflects the management reporting structure of the organization and the manner in which the chief operating decision maker regularly assesses information for decision making purposes, including the allocation of resources. A summary of the Company's operations is below:

**OPEL, ODIS and PTS**

OPEL, ODIS and PTS are the developers of the POET platform semiconductor process IP for monolithic fabrication of integrated circuit devices containing both electronic and optical elements on a single die.

**BB Photonics**

BB Photonics develops photonic integrated components for the datacom and telecom markets utilizing embedded dielectric technology that enables the low-cost integration of active and passive devices into photonic integrated circuits.

On a consolidated basis, the Company operates geographically in Singapore, the United States and Canada. Geographical information is as follows:

2020

As of June 30,	Singapore	US	Canada	Consolidated
Current assets	\$ 227,180	\$ 237,366	\$ 12,700,399	\$ 13,164,945
Property and equipment	3,461,342	109,336	-	3,570,678
Patents and licenses	-	443,658	-	443,658
Right of use assets	125,745	258,338	-	384,083
<b>Total Assets</b>	<b>\$ 3,814,267</b>	<b>\$ 1,048,698</b>	<b>\$ 12,700,399</b>	<b>\$ 17,563,364</b>

For the Six Months Ended June 30,	Singapore	US	Canada	Consolidated
Selling, marketing and administration	\$ 549,268	\$ 2,426,398	\$ 831,967	\$ 3,807,633
Research and development	796,992	622,258	1,524,044	2,943,294
Interest expense	11,223	8,158	425,894	445,275
Credit loss on receivable from the sale of discontinued operations	-	-	2,500,000	2,500,000
Other income, including interest	-	-	(19,905)	(19,905)
<b>Net loss</b>	<b>\$ 1,357,483</b>	<b>\$ 3,056,814</b>	<b>\$ 5,262,000</b>	<b>\$ 9,676,297</b>

**POET TECHNOLOGIES INC.**

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**(Expressed in US Dollars)**

**16. SEGMENT INFORMATION (Continued)**

2019

As of December 31,	Singapore	US	Canada	Consolidated
Current assets	\$ 86,849	\$ 22,523	\$ 20,150,022	\$ 20,259,394
Property and equipment	3,055,906	87,154	-	3,143,060
Patents and licenses	-	452,384	-	452,384
Right of use assets	222,517	-	-	222,517
<b>Total Assets</b>	<b>\$ 3,365,272</b>	<b>\$ 562,061</b>	<b>\$ 20,150,022</b>	<b>\$ 24,077,355</b>

  

For the Six Months Ended June 30,	Singapore	US	Canada	Consolidated
Selling, marketing and administration	\$ -	\$ 2,507,991	\$ 501,322	\$ 3,009,313
Research and development	-	435,255	364,022	799,277
Interest expense	-	-	197,540	197,540
Amortization of debt issuance costs	-	-	101,901	101,901
Other income, including interest	-	-	(4,823)	(4,823)
<b>Net loss from continuing operations</b>	<b>\$ -</b>	<b>\$ 2,943,246</b>	<b>\$ 1,159,962</b>	<b>\$ 4,103,208</b>
Loss from discontinued operations, net of taxes	\$ 2,359,212	\$ -	\$ -	\$ 2,359,212
<b>Net loss</b>	<b>\$ 2,359,212</b>	<b>\$ 2,943,246</b>	<b>\$ 1,159,962</b>	<b>\$ 6,462,420</b>

**17. FINANCIAL INSTRUMENTS AND RISK MANAGEMENT**

The Company's financial instruments consist of cash and cash equivalents, accounts receivable, receivable from the sale of discontinued operations, convertible debentures, and accounts payable and accrued liabilities. Unless otherwise noted, it is management's opinion that the Company is not exposed to significant interest risk arising from these financial instruments. The Company estimates that the fair value of these instruments approximates fair value due to their short term nature.

The Company has classified financial assets and (liabilities) as follows:

	June 30, 2020	December 31, 2019
Cash and cash equivalents, measured at amortized cost:		
Cash and cash equivalents	\$ 11,895,907	\$ 1,428,129
Receivables, measured at amortized cost:		
Receivable from the sale of discontinued operations	\$ 1,000,000	\$ 18,000,000
Other liabilities, measured at amortized cost:		
Accounts payable and accrued liabilities	\$ (2,394,443)	\$ (1,725,708)
Convertible debentures	\$ (2,946,180)	\$ (3,089,033)
Covid-19 government support loans	\$ (169,520)	\$ -

**Exchange Rate Risk**

The functional currency of each of the entities included in the accompanying consolidated financial statements is the local currency where the entity is domiciled. Functional currencies include the US, Singapore and Canadian dollar. Most transactions within the entities are conducted in functional currencies. As such, none of the entities included in the consolidated financial statements engage in hedging activities. The Company is exposed to a foreign currency risk with the Canadian and Singapore dollar. A 10% change in the Canadian and Singapore dollar would increase or decrease other comprehensive loss or discontinued operations by \$778,000.

**Liquidity Risk**

The Company currently does not maintain credit facilities. The Company's existing cash and cash resources are considered sufficient to fund operating and investing activities beyond one year from the issuance of these unaudited condensed consolidated financial statements.

**POET TECHNOLOGIES INC.**

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**(Expressed in US Dollars)**

**18. CAPITAL MANAGEMENT**

In the management of capital, the Company includes shareholders' equity (excluding accumulated other comprehensive loss and deficit) and cash and cash equivalents. The components of capital on June 30, 2020 were:

Cash and cash equivalents	\$ 11,895,907
Shareholders' equity	\$ 162,317,634

The Company's objective in managing capital is to ensure that financial flexibility is present to increase shareholder value through growth and responding to changes in economic and/or market conditions; to maintain a strong capital base so as to maintain investor, creditor and market confidence and to sustain future development of the business and to safeguard the Company's ability to obtain financing should the need arise.

In maintaining its capital, the Company has a strict investment policy which includes investing its surplus capital only in highly liquid, highly rated financial instruments. The Company reviews its capital management approach on an ongoing basis.

**19. EXPENSES**

Research and development costs can be analysed as follows:

	Three Months Ended June 30,		Six Months Ended June 30,	
	2020	2019	2020	2019
Wages and benefits <sup>(1)</sup>	\$ 357,565	\$ 177,919	\$ 744,947	\$ 369,112
Subcontract fees	813,762	240,387	1,689,384	259,059
Stock-based compensation	149,248	74,753	273,075	163,180
Supplies	79,148	3,964	235,888	7,926
	<b>\$ 1,399,723</b>	<b>\$ 497,023</b>	<b>\$ 2,943,294</b>	<b>\$ 799,277</b>

Selling, marketing and administration costs can be analysed as follows:

Stock-based compensation	\$ 697,237	\$ 610,108	\$ 1,350,193	\$ 1,244,008
Wages and benefits	475,114	403,387	1,018,685	802,577
General expenses	557,561	211,956	754,793	436,119
Professional fees	177,149	174,296	302,150	342,919
Depreciation and amortization	189,582	34,798	363,899	83,014
Management and consulting fees	-	30,834	-	61,867
Rent and facility costs	2,118	19,061	17,913	38,809
	<b>\$ 2,098,761</b>	<b>\$ 1,484,440</b>	<b>\$ 3,807,633</b>	<b>\$ 3,009,313</b>

(1) Wages and benefits in 2020 are net of wage subsidies totaling \$32,889 received from the Singaporean government under wage subsidy programs in connection with COVID-19

**20. DISCONTINUED OPERATIONS**

On February 3, 2019, management committed to a plan to sell its subsidiary, DenseLight. The decision was taken in line with a strategy to focus on the Company's opportunities related to its Optical Interposer. Management determined that the divestiture of DenseLight would immediately reduce the Company's operating losses and cash burn, while allowing the Company to pursue a "fab-light" strategy with a less capital-intensive business model that is focused on growing the Optical Interposer business through targeted investments in the design, development and sale of vertical market solutions. Consequently, after the plan and prior to the actual sale, all saleable assets and liabilities relating to DenseLight were classified as "Non-current assets held for sale" or "disposal group liabilities". An impairment assessment was done on the assets that were held for sale. It was determined that no assets were impaired either on the date management committed to a plan of sale or on November 8, 2019 when the sale was consummated.

**POET TECHNOLOGIES INC.****NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**(Expressed in US Dollars)****20. DISCONTINUED OPERATION (Continued)**

On November 8, 2019, the Company sold 100% of the issued and outstanding shares of DenseLight for \$26,000,000. The Buyer assumed control of DenseLight on November 8, 2019 and is responsible for all operations of DenseLight. Upon closing, the Company recognized a gain on the sale of \$8,707,280. The sale proceeds were to be paid over multiple tranches. The first tranche payment was received on November 8, 2019 in the amount of \$8,000,000. The second tranche payment was payment was made in two installments, with first paid on February 14, 2020 in the amount of \$4,750,000 and the second on March 30, 2020 in the amount of \$8,250,000.

During the second quarter, after taking into consideration the length of time it had taken the Buyer to make the foregoing payments and the Company's expectations regarding the likelihood of receiving an additional payment, the Company determined that it was in its best interest to accept partial payments as final payment on the Company's remaining \$5,000,000 receivable. The Company determined, after negotiating payments of \$1,500,000, received on June 29, 2020 and \$1,000,000, received on July 3, 2020 (subsequent to the quarter end, see Note 23), that the remaining \$2,500,000 was not collectible. As a result, the Company recognized a credit loss of \$2,500,000 during the period ended June 30, 2020 (nil - 2019).

The Company received an additional \$2,000,000, in excess of the sale proceeds which was immediately paid to Oak Capital on behalf of the Buyer for due diligence, legal and other expenses.

Revenue and expenses, and gains and losses relating to the discontinued operations were removed from the results of continuing operations for the six months ended June 30, 2019 and are shown as a single line item on the face of the consolidated statement of comprehensive loss. The operating results of the discontinued operations can be analysed as follows:

**Results of discontinued operations**

	Three Months Ended		Six Months Ended	
	2020	June 30, 2019	2019	June 30, 2019
Revenue	\$ -	\$ 1,358,473	\$ -	\$ 3,190,714
Cost of revenue	-	410,447	-	773,424
Gross margin	-	948,026	-	2,417,290
Operating expenses				
Research and development	-	1,872,883	-	3,621,702
Selling, marketing and administration	-	575,696	-	1,231,739
Other income	-	-	-	(76,939)
Operating expenses	-	2,448,579	-	4,776,502
Net loss before income tax recovery	-	(1,500,553)	-	(2,359,212)
Income tax recovery	-	-	-	-
Net loss	\$ -	\$ (1,500,553)	\$ -	\$ (2,359,212)

**POET TECHNOLOGIES INC.**

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**(Expressed in US Dollars)**

**20. DISCONTINUED OPERATION (Continued)**

**Disaggregated Revenues**

The Company disaggregates revenue by timing of revenue recognition, that is, at a point in time and revenue over time. Disaggregated revenue is as follows:

	Three Months Ended June 30,		Six Months Ended June 30,	
	2020	2019	2019	2019
Non-contract revenue (at a point in time) <sup>(1)(3)</sup>	\$ -	\$ 803,115	\$ -	\$ 1,412,142
Contract revenue (revenue over time) <sup>(2)(3)</sup>	-	555,358	-	1,666,072
Contract revenue (at a point in time) <sup>(2)(3)</sup>	-	-	-	112,500
	\$ -	\$ 1,358,473	\$ -	\$ 3,190,714

(1) Revenue from the sale of products.

(2) Revenue from long-term projects or non-recurring engineering (NRE).

(3) All revenue was generated from the Singapore geographic region.

Research and development costs included in discontinued operations can be analysed as follows:

	Three Months Ended June 30,		Six Months Ended June 30,	
	2020	2019	2019	2019
Wages and benefits	\$ -	\$ 1,124,652	\$ -	\$ 2,129,285
Supplies	-	423,138	-	884,785
Subcontract fees	-	263,238	-	469,037
Stock-based compensation	-	61,855	-	138,595
	\$ -	\$ 1,872,883	\$ -	\$ 3,621,702

Selling, marketing and administration costs included in discontinued operations can be analysed as follows:

Wages and benefits	\$ -	\$ 253,852	\$ -	\$ 460,493
Rent and facility costs	-	160,055	-	378,786
General expenses	-	96,052	-	265,432
Interest expense	-	26,215	-	39,599
Stock-based compensation	-	19,787	-	53,154
Professional fees	-	19,735	-	34,275
	\$ -	\$ 575,696	\$ -	\$ 1,231,739

**POET TECHNOLOGIES INC.**

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**(Expressed in US Dollars)**

**20. DISCONTINUED OPERATION (Continued)**

**Cash flows from (used in) discontinued operations**

	<b>Six Months Ended</b>	
	<b>June 30,</b>	
	<b>2020</b>	<b>2019</b>
<b>CASH (USED IN) PROVIDED BY:</b>		
<b>OPERATING ACTIVITIES</b>		
Net loss	\$ -	\$ (2,359,212)
Adjustments for:		
Interest expense	-	39,599
Stock-based compensation	-	191,749
Deferred rent	-	(1,825)
	-	(2,129,689)
Net change in non-cash working capital accounts:		
Accounts receivable	-	(459,478)
Prepaid and other current assets	-	1,001,038
Inventory	-	(101,175)
Accounts payable and accrued liabilities	-	(585,685)
Deferred contract revenue	-	-
Cash flows from operating activities	-	(2,274,989)
<b>INVESTING ACTIVITIES</b>		
Purchase of property and equipment	-	(1,422,000)
Purchase of patents and licenses	-	(11,277)
Cash flows from investing activities	-	(1,433,277)
<b>FINANCING ACTIVITIES</b>		
Payment of lease liability	-	(145,007)
Cash flows from financing activities	-	(145,007)
EFFECT OF EXCHANGE RATE CHANGES ON CASH	-	1,186
<b>NET CHANGE IN CASH</b>	<b>\$ -</b>	<b>\$ (3,852,087)</b>

**21. COVID-19 GOVERNMENT SUPPORT LOANS**

In March 2020, the United States Congress passed the Paycheck Protection Program ("PPP"), authorizing loans to small businesses for use in paying employees that they continue to employ throughout the COVID-19 pandemic and for rent, utilities and interest on mortgages. Loans obtained through the PPP are eligible to be forgiven as long as the proceeds are used for qualifying purposes and certain other conditions are met. On May 3, 2020, the Company received a loan in the amount of \$186,747 through the PPP. Management expects that the entire loan will be used for payroll, utilities and interest; therefore, management anticipates that the loan will be substantially forgiven. To the extent it is not forgiven, the Company would be required to repay that portion at an interest rate of 1% over a period of two years, beginning December 2020 with a final installment in May 2022. The Company may prepay the PPP loan at any time prior to maturity with no penalty.



## POET TECHNOLOGIES INC.

### NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in US Dollars)

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#### 21. COVID-19 GOVERNMENT SUPPORT LOANS (Continued)

On April 9, 2020, the Canadian government launched the Canada Emergency Business Account ("CEBA") which is intended to support businesses during COVID-19 by providing interest free financing of up to \$29,336 (CA\$40,000) until December 31, 2022. If 75% of the loan is repaid by December 31, 2022, the loan recipient will be eligible for a loan forgiveness of the remaining 25% of the amount loaned. On April 15, 2020, the Company received a loan in the amount of \$29,460 through the CEBA. If the loan has not been repaid by December 31, 2022, the outstanding amount will be automatically extended for an additional three years at 5% interest per annum payable monthly and maturing on December 31, 2025. The Company expects to repay 75% of the amount borrowed prior to December 31, 2022.

#### 22. LETTER OF INTENT

On June 30, 2020, the Company signed a Letter of Intent to establish a joint venture with Xiamen Sanan Integrated Circuit Co. Ltd. ("Sanan IC") to manufacture cost-effective, high-performance optical engines based on POET's proprietary CMOS compatible Optical Interposer platform technology.

The proposed joint venture ("JV") will be formed with contributions of US\$50 million based on a combined commitment of cash and intellectual property from Sanan IC and intellectual property and know-how from POET. Sanan IC is a world-class wafer foundry service company with an advanced compound semiconductor technology platform, serving the optical, RF microelectronics and power electronics markets.

#### 23. SUBSEQUENT EVENTS

On July 3, 2020, the Company received \$1,000,000 from the Buyer of DenseLight for a total received of \$23,500,000. Taking into consideration the length of time it had taken the Buyer to make the foregoing payments and the Company's expectations regarding the likelihood of receiving an additional payment, the Company determined, and the Buyer accepted, that it was in the Company's best interest to accept the partial payment as final payment on the Company's receivable and to restructure its relationship with DenseLight to better accommodate the Company's current supply needs.