Condensed Consolidated Financial Statements of

MICROMEM TECHNOLOGIES INC.

For the three and nine months ended July 31, 2015 and 2014 (Expressed in United States Dollars)

MICROMEM TECHNOLOGIES INC. NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

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MICROMEM TECHNOLOGIES INC. CONDENSED CONSOLIDATED STATEMENTS OF FINANCIAL POSITION

(Expressed in United States dollars)

See accompanying notes.

| | | July 31, 2015 | October 31, 2014 |
|---|------|------------------|---------------------|
| Assets | | | |
| Current assets: | | | |
| Cash and short term investments (Note 15) | \$ | | \$ 935,987 |
| Deposits and other receivables (Note 5) | | 137,438 | 872,766 |
| | | 212,246 | 1,808,753 |
| Property and equipment, net (Note 6) | | 16,197 | 21,483 |
| Deferred development costs (Note 7) | | 4,900,327 | 3,525,456 |
| Intangible assets, net (Note 8) | | 62,895 | 77,409 |
| Patents, net (Note 8) | | 269,090 | 203,504 |
| | \$ | 5,460,755 | \$ 5,636,605 |
| Liabilities and Shareholders' Equity | | | |
| Current liabilities: | _ | | |
| Accounts payable and accrued liabilities | _ | 1,565,334 | 773,832 |
| | \$ | 1,565,334 | \$ 773,832 |
| Shareholders' Equity | | | |
| Share capital: (Notes 9 and 15) | | | |
| Authorized: | | | |
| 2,000,000 special preference shares, redeemable, voting | | | |
| Unlimited common shares without par value | | | |
| Issued and outstanding: | | | |
| 194,738,368 common shares (2014: 188,436,724) (Note 9 |) \$ | 73,102,919 | \$ 70,802,776 |
| Contributed surplus (Note 9) | | 27,085,641 | 27,436,678 |
| Deficit | | (96,293,139) | (93,376,681) |
| | | 3,895,421 | 4,862,773 |
| | \$ | 5,460,755 | \$ 5,636,605 |
| | | | |
| "Joseph Fuda" (Signed) | | | |
| Joseph Fuda, Director | | | |
| "David Sharpless" (Signed) | | | |
| David Sharpless, Director | | | |

MICROMEM TECHNOLOGIES INC. CONDENSED STATEMENTS OF CONSOLIDATED LOSS AND COMPREHENSIVE LOSS (Expressed in United States dollars)

For the three and nine months ended July 31

| | Three Months | Ended July 31 | Nine Months | Ended July 31 |
|---|----------------------|----------------|----------------|---------------|
| | 2015 | 2014 | 2015 | 2014 |
| Costs and expenses (income): | | | | |
| Administration | \$ 56,288 \$ | 68,884 \$ | 298,866 \$ | 251,351 |
| Professional, other fees and salaries (Note 11) | 367,306 | 728,112 | 1,552,178 | 1,459,782 |
| Stock - based compensation (Note 9 (b)) | 603,687 | - | 603,687 | 379,253 |
| Development costs (Note 7) | 755 | 670,242 | 199,391 | 682,990 |
| Travel and entertainment | 58,529 | 121,945 | 133,224 | 273,517 |
| Amortization of property and equipment | 1,737 | 1,869 | 5,286 | 5,521 |
| Amortization of intangible assets and patents | 67,262 | - | 67,262 | - |
| Foreign exchange loss | 20,142 | 11,359 | 56,564 | 24,303 |
| Net loss before income taxes | (1,175,706) | (1,602,411) | (2,916,458) | (3,076,717) |
| Income taxes (Note10) | - | - | - | <u>-</u> |
| Net loss and comprehensive loss | \$ (1,175,706) \$ | (1,602,411) \$ | (2,916,458) \$ | (3,076,717) |
| Loss per share - basic and diluted | \$ (0.01) \$ | (0.01) \$ | (0.02) \$ | (0.02) |
| Weighted average number of shares | 194,069,303 | 174,799,523 | 191,454,573 | 168,351,746 |

See accompanying notes.

MICROMEM TECHNOLOGIES INC. CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (Expressed in United States dollars)

For the three and nine months ended July 31, 2015 and 2014

| | Three Months En | ded July 31 | Nine Months Ende | ed July 31 |
|---|-----------------|-------------|------------------|-------------|
| Cash flows from operating activities: | | | | |
| Net loss | (1,175,706) | (1,602,411) | (2,916,458) | (3,076,717) |
| Adjustments to reconcile loss for | | | | |
| the period to net cash used in operating activities: | | | | |
| Amortization of patents and intangible assets | 67,262 | - | 67,262 | - |
| Amortization of property and equipment | 1,737 | 1,869 | 5,286 | 5,521 |
| Stock based compensation | 603,687 | - | 603,687 | 379,253 |
| Increase (Decrease) in deposits and other receivables | 150,922 | (191,975) | 735,328 | (311,672) |
| (Decrease) Increase in accounts payable and accrued liabilities | 183,387 | 597,386 | 791,501 | 566,533 |
| Net cash used in operating activities | (168,711) | (1,195,131) | (713,394) | (2,437,082) |
| Cash flows from investing activities: | | | | |
| Purchase of property and equipment | - | (962) | - | (16,808) |
| Patents | (68,483) | (21,101) | (158,384) | (148,206) |
| Deferred development costs | (861,804) | (529,481) | (3,117,453) | (1,631,896) |
| Deferred development costs billed | 423,358 | - | 1,782,632 | _ |
| Net cash used in investing activities | (506,929) | (551,544) | (1,493,205) | (1,796,910) |
| Cash flows from financing activities: | | | | |
| Issue of common shares | 580,142 | 1,090,889 | 1,345,419 | 3,976,991 |
| Bridge loans advances | - | - | - | 29,157 |
| Bridge loan repayments | | - | - | (17,071) |
| Net cash provided by financing activities | 580,142 | 1,090,889 | 1,345,419 | 3,989,077 |
| Increase (decrease) in cash | (95,498) | (655,786) | (861,180) | (244,915) |
| Cash, beginning of period | 170,306 | 1,232,454 | 935,987 | 821,283 |
| Cash, end of period | \$ 74,808 \$ | 576,668 | \$ 74,807 \$ | 576,368 |
| Supplemental cash flow information: | | | | |
| Interest paid (classified in operating activities) | - | - | - | 28,640 |

MICROMEM TECHNOLOGIES INC.
Condensed Consolidated Statements of Changes in Shareholders' Equity (Expressed in United States dollars)

| | Number of Shares | Share capital | Contributed Surplus | Equity component Of Bridge loan | Deficit | Total |
|--|---------------------|---------------|------------------------|------------------------------------|-------------------|-------------|
| Balance as at November 1, 2013 | 158,491,425 | \$ 57,755,613 | \$ 32,822,327 | \$ 1,557 | \$(89,043,178) \$ | 1,536,319 |
| Stock based compensation | | • | 379,253 | | | 379,253 |
| Warrants extended | • | • | 168,632 | • | (168,632) | 1 |
| Warrants exercised | 27,410,717 | 6,801,619 | | | | 6,801,619 |
| Fair value of warrants exercised | • | 6,078,497 | (6,078,497) | , | , | 1 |
| Bridge loan converted | 2,517,501 | 302,100 | 1,557 | (1,557) | , | 302,100 |
| Warrants issued on conversion of bridge loan | 1 | (143,406) | 143,406 | • | , | 1 |
| Shares issued on conversion of bridge loan | 17,081 | 8,353 | 1 | • | , | 8,353 |
| Net loss and comprehensive loss | | • | • | | (4,164,871) | (4,164,871) |
| Balance at October 31, 2014 | 188,436,724 | 70,802,776 | 27,436,678 | | (93,376,681) | 4,862,773 |
| Balance as at November 01, 2014 | 188,436,724 | 70,802,776 | 27,436,678 | | (93,376,681) | 4,862,773 |
| Private placement of units for cash | 122,768 | 25,000 | | | , | 25,000 |
| Warrants exercised | 2,988,876 | 565,777 | ı | ı | | 565,777 |
| Fair value of warrants exercised | | 271,553 | (271,553) | 1 | | ı |
| Options exercised | 2,740,000 | 724,642 | , | • | | 724,642 |
| Fair value of options exercised | • | 462,671 | (462,671) | • | | ı |
| Stock based compensation and options | 450,000 | 220,500 | 383,187 | 1 | | 603,687 |
| Net loss and comprehensive loss | 1 | ı | • | | (2,916,458) | (2,916,458) |
| Balance at July 31, 2015 | 194,738,368 | 73,102,919 | 27,085,641 | | (96,293,139) | 3,895,421 |

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in United States dollars)

For the three and nine months ended July 31, 2015 and 2014

1. REPORTING ENTITY AND NATURE OF BUSINESS

Micromem Technologies Inc. ("Micromem" or the "Company") is incorporated under the laws of the Province of Ontario, Canada. The principal business address of the Company is 121 Richmond Street West, Suite 304, Toronto, Ontario, Canada.

The Company develops, based upon proprietary technology, customized sensor applications for companies operating internationally in a variety of industries.

These condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries:

- (i) Micromem Applied Sensors Technology, Inc. ("MAST") incorporated in November 2007 and domiciled in Delaware, United States. MAST has the primary responsibility for the exploitation of the Company's technologies in conjunction with various strategic partners and customers.
- (ii) 7070179 Canada Inc., incorporated in October 2008 under the Canada Business Corporations Act in Ontario, Canada. The Company has assigned to this entity its rights, title and interests in certain patents which it previously held, directly in exchange for common shares of this entity.
- (iii) Memtech International Inc., Bahamas; Memtech International (USA) Inc., Delaware, United States; Pageant Technologies (USA) Inc., United States; Pageant Technologies Inc., Barbados; and Micromem Holdings (Barbados) Inc., Barbados. All of these entities are inactive.

These consolidated financial statements were authorized for issuance and release by the Company's Board of Directors on September 29, 2015.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in United States dollars)

For the three and nine months ended July 31, 2015 and 2014

2. GOING CONCERN

These consolidated financial statements have been prepared on the "going concern" basis in accordance with International Financial Reporting Standards ("IFRS"), which presumes that the Company will be able to realize its assets and discharge its liabilities in the normal course of business for the foreseeable future.

There are uncertainties related to conditions and events that cast doubt about the Company's ability to continue as a going concern for a reasonable period of time in future. During the nine months ended July 31, 2015, the Company reported a loss from operations of \$2,916,458 (2014: \$3,076,717).

The Company reports working capital of \$(1,353,088) at July 31, 2015 compared to \$1,034,921 at October 31, 2014.

The Company's future success depends on the profitable commercialization of its proprietary sensor technology. Based upon its current operating and financial plans, management of the Company believes that it will have sufficient access to financial resources to fund the Company's planned operations through fiscal 2015; however, if the Company is not able to complete its financial plans and/or is not able to profitably commercialize its technology, then there is doubt the Company can continue as a going concern.

If the "going concern" assumption were not appropriate for these consolidated financial statements then adjustments would be necessary to the carrying value of assets and liabilities, the reported expenses and the balance sheet classifications used; in such cases, these adjustments would be material.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in United States dollars)

For the three and nine months ended July 31, 2015 and 2014

3. BASIS OF PRESENTATION

a) Statement of compliance:

These condensed interim quarterly consolidated financial statements have been prepared in accordance with IFRS and its interpretations adopted by International Accounting Standards Board ("IASB") and comply with the requirements of IAS standard 34, Interim Financial Reporting.

b) Basis of measurement:

The consolidated financial statements have been prepared on the historical cost basis, except for financial instruments designated at fair value through profit and loss, which are stated at their fair value.

c) Functional and presentation currency:

These consolidated financial statements are presented in United States dollars ("U.S. dollars"), which is also the Company's functional currency.

d) Use of estimates and judgments:

The preparation of the consolidated financial statements in conformity with IFRS requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised and in any future periods affected.

Information about assumptions and estimation uncertainties that have a risk of resulting in a material adjustment are as follows:

i) The Company makes estimates and utilizes assumptions in determining the fair value for stock based compensation expense, warrants and unit private placements.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in United States dollars)

For the three and nine months ended July 31, 2015 and 2014

3. BASIS OF PRESENTATION (Cont'd)

- d) Use of estimates and judgments: (Cont'd)
 - ii) The Company makes estimates related to the recovery of deferred development costs based on the expectation and assumption of realizing revenues from commercial agreements with the companies for whom these projects have been undertaken. Changes in these expectations and assumptions could result in a change in the recoverable amount calculated.
 - iii) The Company makes estimates related to the useful lives of property and equipment, patents and intangible assets and the related amortization. The Company also periodically assesses the recoverability of long-lived assets. The recoverability analysis requires the Company to make assumptions about future operations. Changes to one or more assumptions would result in a change in the recoverable amount calculated and/or amortization expensed.
 - iv) Deferred income tax assets are recognized for all deductible temporary differences, carry-forward of unused tax assets and unused tax losses, to the extent that it is probable that future taxable profit will be available against which the deductible temporary differences and carry-forward of unused tax assets and unused tax losses can be utilized. At July 31, 2015, the Company has assessed that it may not be probable that sufficient taxable profit will be available to use deferred income tax assets based on operating losses in prior years, therefore, there are no balances carried in the consolidated statements of financial position for such assets.
 - v) The Company applies judgment in assessing the functional currency of each entity consolidated in these financial statements.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in United States dollars)

For the three and nine months ended July 31, 2015 and 2014

4. CONTINUITY OF SIGNIFICANT ACCOUNTING POLICIES AND REPORTING PROCEDURES

e) Accounting Policies:

These unaudited interim condensed consolidated financial statements follow the same accounting policies and methods of application as set in the audited consolidated financial statements for the year ended October 31, 2014 and should be read in conjunction with the audited consolidated financial statements. There have been no changes in accounting policies or methods of application of accounting policies in the period ending July 31, 2015.

f) New Standards:

Certain new standards, interpretations and amendments to existing standards have been issued by the IASB or the IFRS Interpretations Committee that are mandatory for future accounting periods. These include: IFRS 2, Share Based Payments; IFRS 15, Revenues from Contracts with Customers; IAS 32 Financial Instruments; IFRS 9 - Financial Instruments. The Company is currently assessing the impact of these standards – there is neither effect nor impact on the Company's financial statements for the period ending July 31, 2015.

g) Fair Values:

There were no changes in the methods and assumptions used in estimating the fair value of the Company's financial instruments and no changes to the classification of financial instruments in terms of the levels of financial hierarchy during the period ending July 31, 2015 from that which was reported at October 31, 2014.

h) Capital Management:

There have been no changes to the objectives, policies and procedures that the Company has adopted and implemented with respect to capital management during the period ending July 31, 2015 from those disclosed at October 31, 2014.

i) Financial Risks:

The Company is exposed to and evaluates a variety of financial risks relative to its activities: market risk (including foreign exchange risk and interest rate risk), liquidity risk and credit risk. The overall risk management program focuses on the unpredictability of financial markets and seeks to minimize potential adverse effects financial performance. Risk management is carried out under policies approved by the Board of Directors. Management is charged with the responsibility of establishing controls and procedures to ensure that financial risks are mitigated in accordance with the approved policies. The Company continues to closely monitor its working capital position.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in United States dollars)

For the three and nine months ended July 31, 2015 and 2014

5. DEPOSITS AND OTHER RECEIVABLES

The balance reported as Deposits and other receivables consists of:

| | July 31, | October 31, |
|--|----------|-------------|
| | 2015 | 2014 |
| Accounts receivable under development contracts with clients | - | 450,000 |
| Advances to Officers, Directors and employees | 71,019 | 386,031 |
| Prepaid insurance and other | 66,419 | 36,735 |
| | 137,438 | 872,766 |

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in United States dollars)

For the three and nine months ended July 31, 2015 and 2014

6. PROPERTY AND EQUIPMENT

| Cost | Co | mputers | | niture and uipment | | Total |
|--|----------|---|----|---------------------------------|----|---------------------------------------|
| At November 1, 2013 | \$ | 49,213 | | 25,989 | \$ | 75,202 |
| Additions | | 16,508 | | - | | 16,508 |
| Disposals | | (13,436) | | - | | (13,436) |
| Year ended October 31, 2014 | \$ | 52,285 | \$ | 25,989 | \$ | 78,274 |
| At November 1, 2014 Additions | \$ | 52,285 - | | 25,989 - | \$ | 78,274 - |
| Disposals | | - | | _ | | - |
| Nine months ended July 31, 2015 | \$ | 52,285 | \$ | 25,989 | \$ | 78,274 |
| | | | | | | |
| Accumulated amortization | Co | omputers | | niture and uipment | | Total |
| Accumulated amortization At November 1, 2013 | Co \$ | omputers 35,215 | | | \$ | Total 61,204 |
| | | • | | uipment | \$ | |
| At November 1, 2013 | | 35,215 | | uipment | \$ | 61,204 |
| At November 1, 2013 Amortization for the year | | 35,215 7,357 | | uipment | \$ | 61,204 7,357 |
| At November 1, 2013 Amortization for the year Adjustment for disposals | \$ | 35,215 7,357 (11,770) | Eq | 25,989 - - | · | 61,204 7,357 (11,770) |
| At November 1, 2013 Amortization for the year Adjustment for disposals Year ended October 31, 2014 At November 1, 2014 | \$ | 35,215 7,357 (11,770) 30,802 30,802 | Eq | 25,989 - - - 25,989 | \$ | 61,204 7,357 (11,770) 56,791 |

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in United States dollars)

For the three and nine months ended July 31, 2015 and 2014

7. DEFERRED DEVELOPMENT COSTS

The breakdown of development costs that have been capitalized is as follows:

| | July | October |
|--|--------------|-----------------|
| | 2015 | 2014 |
| | | |
| Opening balance | \$ 3,525,456 | \$ 928,077 |
| Additional project costs incurred | 3,164,081 | 3,936,459 |
| Recovery of deferred development costs | (1,783,632) | (662,290) |
| Writedown of project costs | (5,578) | (676,790) |
| Closing balance | \$ 4,900,327 | \$ 3,525,456 |

Additions to deferred development costs includes patent amortization of \$39,405 (2014 - \$44,375).

To date, the Company has recovered from its development partners a portion of the costs it has incurred as deferred development costs coincident with meeting milestones as stipulated in development agreements with its development partners.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in United States dollars)

For the three and nine months ended July 31, 2015 and 2014

8. INTANGIBLE ASSETS AND PATENTS

Cost

| 0031 | | |
|--|----------|------------------|
| At November 01, 2013 Additions | \$ | 135,465 - |
| Year ended October 31, 2014 | \$ | 135,465 |
| At November 01, 2014 | \$ | 135,465 |
| Additions | Ψ | - |
| Nine months ended July 31, 2015 | \$ | 135,465 |
| Accumulated amortization | | |
| At November 01, 2013 | \$ | 38,704 |
| Amortization for the year | | 19,352 |
| Year ended October 31, 2014 | \$ | 58,056 |
| At November 01, 2014 Amortization for the period | \$ | 58,056 14,514 |
| Nine months ended July 31, 2015 | \$ | 72,570 |
| Net book value at October 31, 2014 Net book value at July 31, 2015 | \$ \$ | 77,409 62,895 |

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in United States dollars)

For the three and nine months ended July 31, 2015 and 2014

8. INTANGIBLE ASSETS AND PATENTS (Cont'd)

Cost

| At November 1, 2013 | \$ 134,172 |
|------------------------------------|---------------|
| Additions | 176,381 |
| Year ended October 31, 2014 | \$ 310,553 |
| | |
| At November 1, 2014 | \$ 310,553 |
| Additions net, | \$ 138,868 |
| Nine months ended July 31, 2015 | \$ 449,421 |
| | |
| Amortization | |
| | |
| At November 1, 2013 | \$ 62,577 |
| Amortization for the year | 44,472 |
| Year ended October 31, 2014 | \$ 107,049 |
| | |
| At November 1, 2014 | \$ 107,049 |
| Amortization for the period | 73,282 |
| Nine months ended July 31, 2015 | \$ 180,331 |
| | |
| Net book value at October 31, 2014 | \$ 203,504 |
| Net book value at July 31, 2015 | \$ 269,090 |

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in United States dollars)

For the three and nine months ended July 31, 2015 and 2014

9. STOCK OPTIONS, WARRANTS AND LOSS PER SHARE

a) Stock Options and Stock Compensation Expense:

In June 2015, the Company issued 975,000 stock options to directors and recorded stock compensation expense of \$383,187 (in April 2014, the Company issued a total of 630,000 stock options to officers, directors and employees and recorded stock-based compensation expense of \$379,253).

In June 2015, the Company issued 450,000 common shares to certain directors as compensation and recorded \$220,500 as compensation expense (2014: nil).

In the period ended July 31, 2015 the Company realized proceeds of \$724,642 from the exercise of 2,740,000 common share purchase options (period ended July 30, 2014 - \$nil).

The Company reports the following stock options outstanding at July 31, 2015, all of which are exercisable (note 14):

| Date of issue | # Issued | Strike Price | Weighted average remaining life (in years) | Expiry Date |
|--------------------|------------|--------------|--|--------------------|
| | | | | _ |
| April 5, 2011 | 125,000 | 0.35 | 0.7 | April 5, 2016 |
| October 31, 2011 | 5,975,000 | 0.20 | 1.3 | October 31, 2016 |
| April 10, 2012 | 910,000 | 0.35 | 1.7 | April 10, 2017 |
| January 22, 2013 | 865,000 | 0.30 CDN | 2.5 | January 22, 2018 |
| September 16, 2013 | 585,000 | 0.27 CDN | 3.1 | September 16, 2018 |
| October 17, 2013 | 300,000 | 0.35 | 3.2 | October 17, 2018 |
| February 10, 2014 | 350,000 | 0.85 | 3.5 | February 10, 2019 |
| April 25, 2014 | 230,000 | 0.64 | 3.7 | April 25, 2019 |
| June 4, 2015 | 975,000 | 0.49 | 4.8 | June 4, 2020 |
| | 10,315,000 | - | _ | |

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in United States dollars)

For the three and nine months ended July 31, 2015 and 2014

9. STOCK OPTIONS, WARRANTS AND LOSS PER SHARE (Cont'd)

b) Share Purchase Warrants:

In the nine month period ended July 31, 2015 the Company realized proceeds of \$565,777 from the exercise of 2,988,876 common share purchase warrants (nine month period ended July 31, 2014 - \$3,976,991 from the exercise of 16,002,718 common share purchase warrants).

In the quarter ended January 31, 2014 the Company extended the expiry date on a total of 1,405,026 common share purchases warrants which would have otherwise expired in the quarter. These warrants were extended for a period of six months in each case. The strike price of these warrants was changed from \$0.41 - \$0.45 per warrant to \$0.50 to \$.55 per warrant. The Company recorded a charge to the Deficit as reported of \$168,632 with an offsetting charge to contributed surplus to reflect this extension, calculated in accordance with the Black Scholes option – pricing model.

The assumptions used in applying the Black Scholes model were as follows:

| | 2014 |
|--|---------------|
| Share price | \$0.50-\$0.55 |
| Volatility factor (based on historical volality) | 121-127% |
| Risk free interest rate | 1.02% |
| Dividend yield | 0% |
| Expected life | 6 months |

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in United States dollars)

For the three and nine months ended July 31, 2015 and 2014

9. STOCK OPTIONS, WARRANTS AND LOSS PER SHARE (Cont'd)

The continuity of outstanding share purchase warrants is as below:

| | Warrants | Weighted average exercise price | Proceeds Realized |
|---|--------------|---------------------------------------|----------------------|
| | | | |
| Balance outstanding at October 31,2013 | 29,761,012 | \$0.27 | |
| Exercised | (27,410,717) | (\$0.25) | 6,801,619 |
| Expired | (382,333) | (\$0.48) | |
| Granted | 2,517,501 | \$0.12 | |
| Balance outstanding at October 31, 2014 | 4,485,463 | \$0.37 | - |
| Exercised | (2,988,876) | (\$0.19) | 565,777 |
| Expired | (1,496,587) | (\$0.73) | |
| Balance at July 31, 2015 | - | - | |

c) Loss Per Share:

The calculation of basic and diluted loss per share for the period ended July 31, 2015 was based on the loss attributable to common shareholders of \$2,916,458 (2014 - \$3,076,717) divided by the weighted average number of common shares outstanding of 191,454,573 (2014 – 168,351,746). Diluted loss per share did not include the effect of outstanding stock options as they are anti-dilutive.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in United States dollars)

For the three and nine months ended July 31, 2015 and 2014

10. INCOME TAXES

The Company has non-capital losses of approximately \$25.6 million available to reduce future taxable income, the benefit of which has not been recognized in these consolidated financial statements. As of July 31, 2015 the tax losses expire as follows:

| | | Other | | | |
|------|---------------|--------------|---------------|--|--|
| | Canada | foreign | Total | | |
| 2015 | 2,849,213 | - | 2,849,213 | | |
| 2022 | - | 7,301 | 7,301 | | |
| 2023 | - | 9,667 | 9,667 | | |
| 2025 | - | 14,471 | 14,471 | | |
| 2026 | 2,131,530 | 5,254 | 2,136,784 | | |
| 2027 | 1,792,449 | 3,459 | 1,795,908 | | |
| 2028 | 9,294 | 55,519 | 64,813 | | |
| 2029 | 1,837,023 | 463,610 | 2,300,633 | | |
| 2030 | 2,478,623 | 1,886,778 | 4,365,401 | | |
| 2031 | 1,493,293 | 48,808 | 1,542,101 | | |
| 2032 | 1,654,957 | 333,962 | 1,988,919 | | |
| 2033 | 2,005,971 | 160,550 | 2,166,521 | | |
| 2034 | 3,148,002 | 3,206,207 | 6,354,209 | | |
| _ | \$ 19,400,355 | \$ 6,195,586 | \$ 25,595,941 | | |

In addition the Company has available capital loss carry forwards of approximately \$1.5 million to reduce future taxable capital gains, the benefit of which has not been recognized in these consolidated financial statements. These losses carry forward indefinitely.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in United States dollars)

For the three and nine months ended July 31, 2015 and 2014

11. EXPENSES

Administration

The components of general and administration expenses are as follows:

| | | 2015 | 2014 |
|--|----|------------|----------|
| | | | |
| General and administrative | \$ | 117,882 \$ | 47,409 |
| Rent and occupancy cost | | 57,211 | 64,448 |
| Bad debt expense | | 21,392 | 17,549 |
| Interest income | | (21,392) | (17,549) |
| Interest expense | | - | 28,640 |
| Office insurance | | 43,101 | 46,374 |
| Telephone | | 13,787 | 17,940 |
| Investor relations, listing and filling fees | | 66,884 | 46,540 |
| | \$ | 298,866 \$ | 251,351 |

Professional, other fees and salaries

The components of professional, other fees and salaries expenses are as follows:

| | 2015 | | 2014 |
|-----------------------|-----------------|----|-----------|
| | | | |
| Professional fees | \$ 368,688 | \$ | 218,372 |
| Consulting fees | 843,955 | | 934,997 |
| Salaries and benefits | 339,535 | | 306,413 |
| | \$ 1,552,178 | \$ | 1,459,782 |

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in United States dollars)

For the three and nine months ended July 31, 2015 and 2014

12. MANAGEMENT COMPENSATION AND RELATED PARTY TRANSACTIONS

The Company reports the following related party transactions:

(a) Chairman:

The Chairman receives cash compensation on a month to month basis calculated at an annual rate of \$150,000 CDN. The total compensation paid to the Chairman for the nine month period ended July 31, 2015 was \$91,282 of cash compensation and \$nil of stock based compensation (2014 - \$103,433 of cash compensation and \$nil of stock based compensation).

(b) Management and consulting fees:

Included in professional fees, other fees and salaries as reported are management and consulting fees paid or payable to individuals (or companies controlled by such individuals) who serve as officers and directors of the Company. The total compensation paid to such parties for the nine month period ended July 31, 2015 was \$694,400 of cash compensation (2014 - \$714,322 of cash compensation and \$315,057 of stock based compensation).

(c) Directors:

On February 19, 2014 the Company appointed an individual to serve as its Chief Technology Officer and also to serve as a director of the Company. Since that date this individual, through the company in which he is a major shareholder, has invoiced the Company for engineering and design services totaling \$1,843,643 through October 31, 2014 and an additional \$1,250,004 for the nine month period ended July 31, 2015. These charges have been capitalized as deferred development costs.

Additionally, the Company recorded \$220,500 of stock compensation expense paid to certain other directors in June 2015 (2014: nil).

(d) Advances:

At July 31, 2015 the Company reports advances due from senior management and staff in the amount of \$71,019 (July 31, 2014: \$385,514 of advances outstanding). These advances are of a short term nature and are recoverable against future compensation due to these individuals.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in United States dollars)

For the three and nine months ended July 31, 2015 and 2014

13. COMMITMENTS AND CONTINGENCIES

The Company secured new leased premises in June 2012. The lease term is for 5 years and stipulates base monthly rental expenses of \$3800 CDN. Lease commitments are as follows – commitments for the next twelve months of \$45,600 CDN; remaining commitments thereafter total \$41,800 CDN.

The Company has open purchase orders outstanding with subcontractors with respect to work to be performed in future and which relate to the client projects reported as deferred development costs. These open purchase orders total approximately \$3.9 million at July 31, 2015.

On November 17, 2014, Micromem and MAST, ("Plaintiffs") commenced a lawsuit in the United States District Court for the Southern District of New York against Dreifus Associates Limited and Henry Dreifus, ("Defendants"). The Plaintiffs' original complaint contained five causes of action by which they sought money damages, declaratory relief and specific performance relating to certain contracts. On February 24, 2015, the Plaintiffs filed an amended complaint to add a claim for declaratory relief relating to a patent held by the Plaintiffs. The Defendants have responded to the allegations on March 17th, 2015 There have been no new development since March 17, 2015.

14. PRIOR YEAR FINANCIAL STATEMENTS

Certain reclassifications have been reflected in the comparative financial statements presented herein for the period ending July 31, 2014, to conform with the current year presentation.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Expressed in United States dollars)

For the three and nine months ended July 31, 2015 and 2014

15. SUBSEQUENT EVENTS

The Company reports the following subsequent events:

- a) A total of 1,010,000 stock options were exercised by directors, officers and employees and the Company realized proceeds of \$292,765.
- b) The Company secured of \$524,762 of financing from the issuance of debentures issued to several arms' length investors. These debentures stipulate interest payments of 2% per month and are secured by a fixed and floating charge on the Company's assets. The debentures mature on October 31, 2015.
- c) The Company completed a private placement financing for 300,000 common shares and realized proceeds of \$120,000. The private placement was completed pursuant to prospectus and registration exemptions set forth in applicable securities law.
- d) The Company granted a total of 940,000 common stock options to certain directors, officers and employees. The strike price for these stock options was set at \$0.46 per option; the options have a five year term and expire on August 20, 2020.
