# Form 45-106F1 Report of Exempt Distribution

ITEM 1 - REPORT TYPE		
✓ New report  ☐ Amended report If amended, p	provide filing date of report th	hat is being amended. (YYYY-MM-DD)
ITEM 2 - PARTY CERTIFYING T	HE REPORT	
section 1.1 of National Instrument 81-106	Investment Fund Continuous L	garding whether an issuer is an investment fund, refer to Disclosure and the companion policy to NI 81-106 (in losure and Policy Statement to Regulation 81-106 respecting
☐ Investment fund issuer		
Issuer (other than an investment fu	nd)	
Underwriter		
ITEM 3 - ISSUER NAME AND O	THER IDENTIFIERS	
Provide the following information about th	he issuer, or if the issuer is an i	investment fund, about the fund.
Full legal name	Micromem Technologies Inc.	/ Micromem Technologies Inc.
Previous full legal name	AVANTICORP INTERNATIONA	AL INC.
If the issuer's name changed in th	he last 12 months, provide mo	ost recent previous legal name.
Website	www.micromeminc.com	(if applicable)
If the issuer has a legal entity identifier, pr	ovide below. Refer to Part B of	f the Instructions for the definition of "legal entity identifier".
Legal entity identifier		
If two or more issuers distributed a single above.	security, provide the full legal i	name(s) of the co-issuer(s) other than the issuer named
Full legal name(s) of co-issuer(s)		(if applicable)
ITEM 4 - UNDERWRITER INFO	RMATION	
If an underwriter is completing the report,	provide the underwriter's full	legal name, firm NRD number, and SEDAR+ profile number.
Full legal name		
Firm NRD number		(if applicable)
SEDAR+ profile number		

ITEM 5 - ISSUER INFORMATION	
If the issuer is an investment fund, do not complete Item 5. Proceed to Item 6.	
a) Primary industry	
Provide the issuer's North American Industry Classification Standard (NAICS) code (6 digits only) that in your reasonable judgment most closely corresponds to the issuer's primary business activity.	
NAICS industry code 334410	
If the issuer is in the <b>mining industry</b> , indicate the stage of operations. This does not apply to issuers that provide services to issue operating in the mining industry. Select the category that best describes the issuer's stage of operations.	rs
☐ Exploration ☐ Development ☐ Production	
Is the issuer's primary business to invest all or substantially all of its assets in any of the following? If yes, select all that apply.	
<ul><li>☐ Mortgages</li><li>☐ Real estate</li><li>☐ Commercial/business debt</li><li>☐ Cryptoassets</li></ul>	5
b) Number of employees	
Number of employees: 🗸 0 - 49 🗌 50 - 99 📗 100 - 499 📗 500 or more	
c) SEDAR+ profile number	
Provide the issuer's SEDAR+ profile number	
000004447	
ITEM 6 INVESTMENT FUND ISSUED INFORMATION	
ITEM 6 - INVESTMENT FUND ISSUER INFORMATION	
If the issuer is an investment fund, provide the following information.	
a) Investment fund manager information	
Full legal name	
Firm NRD number (if applicable)	
SEDAR+ profile number	
b) Type of investment fund	
Type of investment fund that most accurately identifies the issuer (select only one).	
☐ Money market ☐ Equity ☐ Fixed income ☐ Balanced	
☐ Alternative strategies ☐ Cryptoasset ☐ Other (describe)	

Indicate whethe	Indicate whether one or both of the following apply to the investment fund.							
☐ Invest prin	☐ Invest primarily in other investment fund issuers							
☐ Is a UCITs Fund <sup>1</sup>								
	<sup>1</sup> Undertaking for the Collective Investment of Transferable Securities funds (UCITs Funds) are investment funds regulated by the European Union (EU) directives							
that allow collectiv	that allow collective investment schemes to operate throughout the EU on a passport basis on authorization from one member state.							
c) Net a	c) Net asset value (NAV) of the investment fund							
Select the NAV i	range of the	e investment fund as of the date of the	most recent NAV calc	ulation (Canadian	ı \$).			
Under \$5N		☐ \$5M to under \$25M	s25M to unde	г	Date of NAV	alculation:		
Officer \$5K	VI	\$3W to diluct \$23W	\$25W to drid					
☐ \$100M to	under \$50	DM	\$ \text{\$1B or over}	_	YYYY	MM DD		
ITEM 7 - IN	FORMA	TION ABOUT THE DISTRIBU	JTION					
		e of Canada completes a distribution in sers resident in that jurisdiction of Can						
		es, in connection with the distribution,						
Item 7 must red	concile with	the information provided in Schedule	1 of the report.					
a) Curre	ency							
Calact the curre	ancy or cur	ancies in which the distribution was m	ada All dollar amoun	to provided in the	ranart must	ha in Canadian		
dollars.	ency or curr	encies in which the distribution was mo	uae. All aollar arriouri	is provided in the	report must	oe in Canaaian		
✓ Canadian	dollar	US dollar Euro Other (	(describe)					
b) Distri	ibution d	ates						
, 2								
		and end dates. If the report is being fil						
		th the start and end dates. If the repor dates for the distribution period covere		urities aistribuea	on a continuc	ous basis,		
		2023 12 22		2023	12 28			
2	Start date		End date					
		YYYY MM DD		YYYY	MM DD			
c) Detai	led purch	aser information						
Complete Sch	edule 1 of	this form for each purchaser and att	ach the schedule to	the completed r	eport.			
d) Type:	s of secu	rities distributed						
				_				
		mation for all distributions reported or de. If providing the CUSIP number, indic						
distributed.	security co	ic. If providing the cosh hamber, make	tate the juli 5 digit co	on number assig	nea to the set	curry being		
					Canadian \$			
	CUSIP							
COUG I	ımber (if plicable)	Description of security	Number of securities	Single or lowest price	Highest price	Total amount		

1,100,000.0000

59509P106

CMS

0.0600

66,000.0000

## e) Details of rights and convertible/exchangeable securities

If any rights (e.g. warrants, options) were distributed, provide the exercise price and expiry date for each right. If any convertible/exchangeable securities were distributed, provide the conversion ratio and describe any other terms for each convertible/exchangeable security.

Convertible / exchangeable security code	Underlying security code	Exercise price (Canadian \$)		Expiry date (YYYY-MM-	Conversion ratio	Describe other terms (if
		Lowest	Highest	DD)		applicable)

## f) Summary of the distribution by jurisdiction and exemption

State the total dollar amount of securities distributed and the number of purchasers for each jurisdiction of Canada and foreign jurisdiction where a purchaser resides and for each exemption relied on in Canada for that distribution. However, if an issuer located outside of Canada completes a distribution in a jurisdiction of Canada, include distributions to purchasers resident in that jurisdiction of Canada only.

This table requires a separate line item for: (i) each jurisdiction where a purchaser resides, (ii) each exemption relied on in the jurisdiction where a purchaser resides, if a purchaser resides in a jurisdiction of Canada, and (iii) each exemption relied on in Canada, if a purchaser resides in a foreign jurisdiction.

For jurisdictions within Canada, state the province or territory, otherwise state the country.

Province or country	Exemption relied on	Number of unique purchasers <sup>2a</sup>	Total amount (Canadian \$)
Alberta	NI 45-106 2.3 [Accredited investor]	1	54,000.0000
United States of America	NI 45-106 2.3 [Accredited investor]	1	12,000.0000
	\$66,000.0000		
	Total number of unique purchasers <sup>2b</sup>	2	

<sup>&</sup>lt;sup>2a</sup> In calculating the number of unique purchasers per row, count each purchaser only once. Joint purchasers may be counted as one purchaser.

### g) Net proceeds to the investment fund by jurisdiction

If the issuer is an investment fund, provide the net proceeds to the investment fund for each jurisdiction of Canada and foreign jurisdiction where a purchaser resides. If an issuer located outside of Canada completes a distribution in a jurisdiction of Canada, include net proceeds for that jurisdiction of Canada only. For jurisdictions within Canada, state the province or territory, otherwise state the country.

Province or country	Net proceeds (Canadian \$)
Total net proceeds to the investment fund	

<sup>&</sup>lt;sup>3</sup>"Net proceeds" means the gross proceeds realized in the jurisdiction from the distributions for which the report is being filed, less the gross redemptions that occurred during the distribution period covered by the report.

<sup>&</sup>lt;sup>2b</sup>In calculating the total number of unique purchasers to which the issuer distributed securities, count each purchaser only once, regardless of whether the issuer distributed multiple types of securities to, and relied on multiple exemptions for, that purchaser.

# **ITEM 8 - COMPENSATION INFORMATION** Provide information for each person (as defined in NI 45-106) (in Québec, Regulation 45-106 respecting Prospectus Exemptions) to whom the issuer directly provides, or will provide, any compensation in connection with the distribution. Complete additional copies of this page if more than one person was, or will be, compensated. Indicate whether any compensation was paid, or will be paid, in connection with the distribution. ☐ No **V** Yes If yes, indicate number of persons compensated. | 1 a) Name of person compensated and registration status Indicate whether the person compensated is a registrant. □ No **✓** Yes If the person compensated is an individual, provide the name of the individual. Full legal name of individual Family name First given name Secondary given names If the person compensated is not an individual, provide the following information. Raymond James Investment Counsel Ltd./Conseils En Placements Full legal name of non-individual Raymond James Ltee. Firm NRD number | 16900 (if applicable) Indicate whether the person compensated facilitated the distribution through a funding portal or an internet-based portal **V** No Yes b) Business contact information If a firm NRD number is not provided in Item 8(a), provide the business contact information of the person being compensated. Street address Municipality Province/State Country Postal code/Zip code Email address Telephone number c) Relationship to issuer or investment fund manager Indicate the person's relationship with the issuer or investment fund manager (select all that apply). Refer to the meaning of 'connected' in Part B(2) of the Instructions and the meaning of 'control' in section 1.4 of NI 45-106 (in Québec, Regulation 45-106 respecting Prospectus Exemptions) for the purposes of completing this section. ☐ Connected with the issuer or investment fund manager Insider of the issuer (other than an investment fund) $\hfill \square$ Director or officer of the investment fund or investment fund manager ☐ Employee of the issuer or investment fund manager ✓ None of the above

d) Compensation details				
Provide details of all compensation paid, or to be paid, to Provide all amounts in Canadian dollars. Include cash con compensation. Do not report payments for services incider services. An issuer is not required to ask for details about, or employees of a non-individual compensated by the issu	nmissions, securitie ntal to the distribut or report on, intern	s-based compensat ion, such as clerica	ion, gifts, discounts I, printing, legal or (	s or other accounting
Cash commissions paid	3780			
Value of all securities distributed as compensation <sup>4</sup>				
Security codes	Security code 1 WNT	Security code 2	Security code 3	
Describe terms of warrants, options or other rights		arrants having a tw e at \$0.095 per sha		
Other compensation <sup>5</sup>				
Describe				
Total compensation paid	3780			
Check box if the person will or may receive any def	erred compensati	on (describe the te	ப erms below)	
	'			
<sup>4</sup> Provide the aggregate value of all securities distributed as compensa securities of the issuer. Indicate the security codes for all securities dis acquire additional securities of the issuer. <sup>5</sup> Do not include deferred compensation.				
ITEM 9 - DIRECTORS, EXECUTIVE OFFICE	RS AND PROM	MOTERS OF T	HE ISSUER	
If the issuer is an investment fund, do not complete It	em 9. Proceed to I	tem 10.		
Indicate whether the issuer is any of the following (select th	he one that applies	– if more than one	applies, select only	one).
✓ Reporting issuer in a jurisdiction of Canada				
Foreign public issuer				
☐ Wholly owned subsidiary of a reporting issuer in ar	ny jurisdiction of C	anada <sup>6</sup>		
Provide name of reporting issuer				
☐ Wholly owned subsidiary of a foreign public issuer	6			
Provide name of foreign public issuer				
☐ Issuer distributing only eligible foreign securities ar	nd the distribution	is to permitted cli	ents only <sup>7</sup> .	
If the issuer is at least one of the above, do not comple	ete Item 9(a) – (c).	Proceed to Item 1	10.	
<sup>6</sup> An issuer is a wholly owned subsidiary of a reporting issu	ıer or a foreign pub	lic issuer if all of th	e issuer's outstandi	ng voting

securities, other than securities that are required by law to be owned by its directors, are beneficially owned by the reporting issuer or the foreign public issuer, respectively.
<sup>7</sup> Check this box if it applies to the current distribution even if the issuer made previous distributions of other types of securities to non-permitted clients. Refer to the definitions of "eligible foreign security" and "permitted client" in Part B(1) of the Instructions.
☐ If the issuer is none of the above, check this box and complete Item 9(a) – (c).
a) Directors, executive officers and promoters of the issuer
Provide the following information for each director, executive officer and promoter of the issuer. For locations within Canada, state

Provide the following information for each director, executive officer and promoter of the issuer. For locations within Canada, state the province or territory, otherwise state the country. For "Relationship to issuer", "D" – Director, "O" – Executive Officer, "P" – Promoter.

Organization or company name	Family name	First given	Secondary given names	Business location of non-individual or residential jurisdiction of individual		elationship to issuer select all that apply)		
		name		Province or country	D	0	Р	

### b) Promoter information

If the promoter listed above is not an individual, provide the following information for each director and executive officer of the promoter. For locations within Canada, state the province or territory, otherwise state the country. For "Relationship to promoter", "D" – Director, "O" – Executive Officer.

Organization or			Secondary given	Residential jurisdiction of individual	•	promoter (select if applicable)
company name		name	ame names	Province or country	D	0

### c) Residential address of each individual

Complete Schedule 2 of this form providing the full residential address for each individual listed in Item 9(a) and (b) and attach to the completed report. Schedule 2 also requires information to be provided about control persons.

# **ITEM 10 - CERTIFICATION**

Provide the following certification and business contact information of an officer, director or agent of the issuer or underwriter. If the issuer or underwriter is not a company, an individual who performs functions similar to that of a director or officer may certify the report. For example, if the issuer is a trust, the report may be certified by the issuer's trustee. If the issuer is an investment fund, a director or officer of the investment fund manager (or, if the investment fund manager is not a company, an individual who performs similar functions) may certify the report if the director or officer has been authorized to do so by the investment fund.

The certification may be delegated, but only to an agent that has been authorized by an officer or director of the issuer or underwriter to prepare and certify the report on behalf of the issuer or underwriter. If the report is being certified by an agent on behalf of the issuer or underwriter, provide the applicable information for the agent in the boxes below.

If the individual completing and filing the report is different from the individual certifying the report, provide the name and contact details for the individual completing and filing the report in Item 11.

The signature on the report must be in typed form rather than handwritten form. The report may include an electronic signature provided the name of the signatory is also in typed form.

Securities legislation requires an issuer or underwriter that makes a distribution of securities under certain prospectus exemptions to file a completed report of exempt distribution.						
By completing the information below, I certify, on behalf of the issuer/underwriter/investment fund manager, to the securities regulatory authority or regulator, as applicable, that I have reviewed this report and to my knowledge, having exercised reasonable diligence, the information provided in this report is true and, to the extent required, complete.						
Name of Issuer/ investment fund  Micromem Techologies Inc.  manager/agent						
Full legal name	FUDA	Jose				
	Family name	First give	n name	Secondary giver	names	
Title	President and CEO					
Telephone number	+1 (416) 364-6513	Email address	jfuda@micro	meminc.com		
Signature	Joseph Fuda	Date	2023	12 29		
			YYYY	MM DD		

TIEW II - CONTAC	I PERSON			
, .	, ,		regulatory authority or regulator m lividual certifying the report in Item	•
Same as individual c	ertifying the report			
Full legal name	ILAS	Daniel		
	Family name	First given name	Secondary given names	
Title	Legal counsel			
		<u> </u>		

Email address | dilas@olflaw.com

### NOTICE - COLLECTION AND USE OF PERSONAL INFORMATION

+1 (416) 594-0791 x123

Name of company | Ormston List Frawley LLP

Telephone number

The personal information required under this form is collected on behalf of and used by the securities regulatory authority or regulator under the authority granted in securities legislation for the purposes of the administration and enforcement of the securities legislation. If you have any questions about the collection and use of this information, contact the securities regulatory authority or regulator in the local jurisdiction(s) where the report is filed, at the address(es) listed at the end of this form.

Schedules 1 and 2 may contain personal information of individuals and details of the distribution(s). The information in Schedules 1 and 2 will not be placed on the public file of any securities regulatory authority or regulator. However, freedom of information legislation may require the securities regulatory authority or regulator to make this information available if requested.

By signing this report, the issuer/underwriter confirms that each individual listed in Schedule 1 or 2 of the report who is resident in a jurisdiction of Canada:

- a) has been notified by the issuer/underwriter of the delivery to the securities regulatory authority or regulator of the information pertaining to the individual as set out in Schedule 1 or 2, that this information is being collected by the securities regulatory authority or regulator under the authority granted in securities legislation, that this information is being collected for the purposes of the administration and enforcement of the securities legislation of the local jurisdiction, and of the title, business address and business telephone number of the public official in the local jurisdiction, as set out in this form, who can answer questions about the security regulatory authority's or regulator's indirect collection of the information, and
- b) has authorized the indirect collection of the information by the securities regulatory authority or regulator.