



Management's Discussion and Analysis

FOR THE THREE MONTHS ENDED APRIL 30, 2022

**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE THREE MONTHS ENDED APRIL 30, 2022**
(All amounts stated in Canadian dollars, unless otherwise indicated)

GENERAL

This management's discussion and analysis of the operations, results and financial condition of Aberdeen International Inc. ("Aberdeen", or the "Company") should be read in conjunction with the condensed interim consolidated financial statements as at and for the three months ended April 30, 2022 and 2021, including the notes thereto. The condensed interim consolidated financial statements and related notes of Aberdeen have been prepared in accordance with the International Financial Reporting Standards ("IFRS") issued by the International Accounting Standard Board ("IASB") and interpretations of the International Financial Reporting Interpretations Committee ("IFRIC"). A detailed summary of the Company's significant accounting policies is included in Note 2 of the Company's annual audited financial statements as at and for the years ended January 31, 2022 and 2021, which have been consistently applied. The Company's functional and reporting currency is in Canadian dollar. Unless otherwise noted, all references to currency in this Management's Discussion and Analysis ("MD&A") refer to Canadian dollars.

Additional information regarding Aberdeen, including our Annual Information Form ("AIF") and press releases, have been filed electronically through the System for Electronic Document Analysis and Retrieval ("SEDAR") and is available online under the Company's profile at www.sedar.com. This MD&A is dated June 13, 2022 and reports on the Company's activities through June 13, 2022.

Aberdeen's common shares trade on the Toronto Stock Exchange ("TSX") under the symbol AAB.

CAUTION REGARDING FORWARD-LOOKING INFORMATION

The MD&A may contain certain "forward-looking information" within the meaning of applicable securities law, which are prospective and reflect management's expectations regarding Aberdeen's future growth, results of operations, performance and business prospects and opportunities. Forward-looking information can often be identified by forward-looking words such as "anticipate", "believe", "expect", "goal", "plan", "intend", "estimate", "may" and "will" or similar words suggesting future outcomes, or other expectations, beliefs, plans, objectives, assumptions, intentions or statements about future events or performance. All statements, other than statements of historical fact, included herein, including without limitation, statements regarding the Company's plan of business operations; projections regarding future success based on past success; availability of financing on acceptable terms; ability to identify and execute investments; investment philosophy and business purposes; projected costs and expenditures; potential benefits of the business; anticipated returns; potential mineralization; projections regarding the business of investee companies, projection of future revenue; targets for cash operating costs; and future plans and objectives of Aberdeen are forward-looking information that involve various risks and uncertainties. There can be no assurance that such statements will prove to be accurate, and actual results and future events could differ materially from those anticipated in such statements. Important factors that could cause actual results to differ materially from Aberdeen's expectations include, but are not limited to, in particular, past success or achievement does not guarantee future success; risks related to investment performance, market fluctuations, fluctuations in commodity prices, uncertainties relating to the availability and costs of financing needed for the Company or investee companies, the strength of the Canadian, US and global economies and financial markets, foreign exchange fluctuations, competition, political and economic risks in the countries and financial markets in which the Company's investments' interests are located and other risks described elsewhere in this MD&A under the heading "Risks and Uncertainties" as well as those factors discussed in or referred to in the annual information form of the Company filed under the profile of the Company at www.sedar.com. Estimates and assumptions that have been considered when formulating forward-looking information (include valuation of investments) include, with respect to the investments and investment philosophy of Aberdeen, management expertise and knowledge of the resources industry and the continued involvement of the current management team with Aberdeen. With regards to all information

included herein relating to investee companies, Aberdeen has relied on information provided by its investees as well as any publicly available information disclosed by the respective companies.

Shareholders and prospective investors should be aware that these forward-looking statements are subject to known and unknown risks, uncertainties and other factors that could cause actual results to differ materially from those suggested by the forward-looking information. Shareholders are cautioned not to place undue reliance on forward-looking information. By its nature, forward-looking information involves numerous assumptions, inherent risks and uncertainties, both general and specific, that contribute to the possibility that the predictions, forecasts, projections and various future events will not occur. Aberdeen undertakes no obligation to update publicly or otherwise revise any forward-looking information whether as a result of new information, future events or other such factors that affect this information, except as required by law.

OVERVIEW

Aberdeen is a publicly traded global resource investment company and merchant bank focused on small capitalization companies in the metals and mining sector and renewal energy sectors. In general, the Company's investment philosophy is to acquire equity participation in:

- pre-IPO and/or early stage public companies with undeveloped and undervalued high-quality resources;
- companies in need of managerial, technical and financial resources to realize their full potential;
- companies undervalued in foreign capital markets; and
- companies operating in jurisdictions with low to moderate local political risk.

Aberdeen's primary investment objective is to realize exceptional returns by investing in pre-IPO and/or early stage public resource companies with undeveloped or undervalued high-quality resources. Aberdeen's investments are carried out according to an opportunistic and disciplined process to maximize returns while minimizing risk, taking advantage of investment opportunities identified from the industry contacts of the Board, the officers of the Company and the members of the Investment Committee.

Aberdeen provides valued-added strategic advice to these companies in addition to investment capital. The Company's strategy is to optimize the return on its investments over a 24 to 36-month investment time frame. Aberdeen also has access to key experts in the mining and financial sectors who can provide further assistance in evaluating and monitoring companies and their progress.

The Company began operating as a global resource investment company and merchant bank in October 2007. As at April 30, 2022, the equity portfolio had investments in twenty-eight companies with an estimated fair market value of \$39,630,024 (cost – \$42,415,882).

FISCAL 2022 PERFORMANCE HIGHLIGHTS

Operating Results	Three months ended April 30,	
	2022	2021
	\$	\$
Realized gain on investments, net	(218,244)	166,254
Unrealized (loss) gain on investments, net	473,781	3,759,434
Net investment (loss) gain	255,537	3,925,688
Other revenue	28,104	69,892
Net (loss) income for the period	(1,218,902)	3,276,394
Basic and diluted (loss) income per share	(0.01)	0.02

	April 30, 2022	January 31, 2022
Investments	\$	\$
Total equities, at fair value	39,630,024	39,398,978
Loans receivable	748,191	1,186,540
Total investments	40,378,215	40,585,518
Shareholders' equity	39,930,706	40,765,369

During the three months ended April 30, 2022, the Company had a net investment gain of \$255,537 compared to \$3,925,688 in the prior period. The net investment gain for the three months ended April 30, 2022 resulted from realized losses offset by unrealized gains of the equity investment portfolio. The Company's net (loss) for the three months ended April 30, 2022 was \$(1,218,902) (\$0.01 per basic share) compared to net income of \$3,276,394 (\$0.02 per basic share) in prior period. The net (loss) for the three months ended April 30, 2022 resulted from the net investment gains offset by operating, general and administration expenses. For more details, please see the Results of Operations in this MD&A.

As at April 30, 2022, the Company's total investments decreased slightly to \$40,378,215 from \$40,585,518 as at January 31, 2022. During the three months ended April 30, 2022, the Company's shareholders' equity decreased to \$39,930,706 from \$40,765,369 as at January 31, 2022. The decrease in the value of the Company's investment portfolio and shareholders' equity during the three months ended April 30, 2022 was due to overall decline in value on public investments as well as a realized loss on the disposition of EarthRenew Inc. ("ERTH") common shares and operating, general and administration expenses. For more details, please see the 2022 Investment Activities in this MD&A.

INVESTMENTS, AT FAIR VALUE THROUGH PROFIT AND LOSS, AS AT April 30, 2022 AND JANUARY 31, 2022.

At April 30, 2022, the Company's investment portfolio consisted of fifteen publicly traded investments and thirteen privately held investments for a total fair value of \$39,630,024.

At January 31, 2022, the Company's investment portfolio consisted of fourteen publicly traded investments and fourteen privately held investments for a total fair value of \$39,398,978.

PUBLIC INVESTMENTS

At April 30, 2022, the Company had fifteen publicly traded investments with a total fair value of \$9,308,983.

Public Issuer	Note	Security description	Cost	Estimated Fair value	% of FV
AmmPower Corp.		1,000,000 warrants expire Mar 24, 2024	\$ 110,680	\$ 103,000	1.1%
EV Techonogy Group Inc.	(iii)	2,978,286 common shares	3,215,022	4,020,686	43.2%
Flora Growth Corp.	(iii)	583,000 common shares	3,853,500	1,118,660	12.0%
Gamesquare Esport Inc.	(iii)	28,000 common shares	115,399	8,620	0.1%
		1,200,000 warrants expire Oct 2, 2022			
Jourdan Resources Inc.	(i,ii,iii)	17,333,333 common shares	660,904	1,022,767	11.0%
		5,000,000 warrants expire Sep 21, 2022			
		2,000,000 warrants expire Nov 25, 2023			0.0%
Medivolve Inc.	(iii)	24,101,803 common shares	1,687,126	1,937,785	20.8%
		24,101,803 warrants expire July 8, 2026			
O2Gold Inc.		1,916,000 common shares	274,865	57,480	0.6%
Q-Gold Resources Ltd.	(i,ii,iii)	6,531,667 common shares	858,125	615,517	6.6%
		1,666,667 warrants expire Mar 23, 2023			
Silo Wellness Inc.	(iii)	1,382,500 common shares	307,765	21,238	0.2%
		500,000 warrants expire Mar 1, 2023			0.0%
		500,000 warrants expire Mar 1, 2023			
Sulliden Mining Capital Inc.	(iii)	3,839,607 common shares	430,344	403,159	4.3%
Total of 3 other investments	(iv)		629,767	71	0.0%
Total public investments			\$ 12,143,497	\$ 9,308,983	100.0%

Note

- (i) The Company has filed a Section 62-103 report pursuant to the *Securities Act (Ontario)* for this investment and has filed an early warning report on SEDAR.
- (ii) The Company owns, on a partially diluted basis, at least a 10% interest in the investee as at April 30, 2022.
- (iii) A director and/or officer of the Company is a director and/or officer of the investee corporation as at April 30, 2022
- (iv) Total other investments held by the Company are not individually listed as at April 30, 2022. Directors and officers may hold investments personally.

At January 31, 2022, the Company had fourteen publicly traded investments had a total fair value of \$8,739,574.

Public Issuer	Note	Security description	Cost	Estimated Fair value	% of FV
AmmPower Corp.		1,000,000 warrants expire Mar 24, 2024	\$ 110,680	\$ 254,500	2.9%
Blue Sky Energy Inc.	(i,ii,iii)	4,656,680 common shares	2,434,166	1,210,737	13.9%
Earthrenew Inc.	(iii)	1,745,387 common shares	646,851	305,443	3.5%
Flora Growth Corp.	(iii)	583,000 common shares	3,853,500	1,267,995	14.5%
Gamesquare Esport Inc.	(iii)	28,000 common shares	115,399	44,420	0.5%
		1,200,000 warrants expire Oct 2, 2022			
Jourdan Resources Inc.	(i,ii,iii)	17,333,333 common shares	660,904	1,179,933	13.5%
		5,000,000 warrants expire Sep 21, 2022			
		2,000,000 warrants expire Nov 25, 2023			0.0%
Medivolve Inc.	(iii)	24,101,803 common shares	1,687,126	3,053,698	34.9%
		24,101,803 warrants expire July 8, 2026			
O2Gold Inc.		1,916,000 common shares	274,865	95,800	1.1%
Q-Gold Resources Ltd.	(i,ii,iii)	6,531,667 common shares	858,125	780,150	8.9%
		1,666,667 warrants expire Mar 23, 2023			
Silo Wellness Inc.	(iii)	1,382,500 common shares	307,765	66,863	0.8%
		500,000 warrants expire Mar 1, 2023			
Sulliden Mining Capital Inc.	(iii)	3,839,607 common shares	430,344	479,951	5.5%
Total of 3 other investments	(iv)		629,767	84	0.0%
Total public investments			\$ 12,009,492	\$ 8,739,574	100.0%

Note

- (ii) The Company has filed a Section 62-103 report pursuant to the *Securities Act (Ontario)* for this investment and has filed an early warning report on SEDAR.
- (ii) The Company owns, on a partially diluted basis, at least a 10% interest in the investee as at January 31, 2022.
- (iii) A director and/or officer of the Company is a director and/or officer of the investee corporation as at January 31, 2022
- (iv) Total other investments held by the Company are not individually listed as at January 31, 2022. Directors and officers may hold investments personally

PRIVATE INVESTMENTS

At April 30, 2022, the Company had thirteen privately held investments with a total estimated fair value of \$30,321,041.

Private Issuer	Note	Security description	Cost	Estimated Fair value	% of FV
Progressus Clean Technologies Inc.	(i)	25,000,000 common shares	\$ 6,386,999	16,497,918	54.4%
African Thunder Platinum Limited	(i,ii,iii)	72,440,807 common shares	15,244,893	-	0.0%
	(v)	46,230,979 options			
	(v)	46,230,979 options			
	(v)	55,477,175 options			
	(v)	64,723,371 options			
Brazil Potash Corp.	(iii)	2,512,406 common shares	3,957,921	12,855,478	42.4%
International Cobalt Inc.	(i,ii)	66.67% of interest	980,000	51,695	0.2%
NeXtGen Biologics Inc.	(iii)	149,253 common shares	633,950	633,950	2.1%
Exploraciones De Si Cordero S.A De C.V.	(iii)	2,820,000 common shares	282,000	282,000	0.9%
Total of 7 other investments	(iv)		2,786,622	-	0.0%
			\$ 30,272,385	\$ 30,321,041	100.0%

Note

- (i) The Company owns 66.7% of the outstanding common shares of International Cobalt Inc., 41.67% of the outstanding common shares of Progressus Clean Technologies Inc. ("Progressus") and 16.9% of the outstanding common shares and voting rights of African Thunder Platinum Limited ("ATPL"). There are no contractual arrangements, financial support, or other restrictions with these companies. Refer to Note 2 for details relating to the exemption to consolidating particular subsidiaries and the exemption from accounting for associates using the equity method for investment entities.
- (ii) The Company owns, on a partially diluted basis, at least a 10% interest in the investee as at April 30, 2022.
- (iii) A director and/or officer of the Company is a director and/or officer of the investee corporation as at April 30, 2022.
- (iv) Total other investments held by the Company are not individually listed as at April 30, 2022. Directors and officers may hold investments personally.
- (v) The option period is defined as the period beginning on the earlier of (i) the date upon which proceeds of sale or disposal of all, or part of ATPL assets except Kalplats project; (ii) the date upon which shareholders enter into an agreement to sell all ATPL assets to a third party, and (iii) the date upon which ATPL enters into an agreement with an arm's length third party to sell its rights to Kalplats Project, and ending on the date which is three years thereafter. As none of these conditions have been met, these options are not presently exercisable.

At January 31, 2022, the Company had fourteen privately held investments with a total estimated fair value of \$30,659,404.

Private Issuer	Note	Security description	Cost	Estimated Fair value	% of FV
Progressus Clean Technologies Inc.	(i)	25,000,000 common shares	\$ 6,386,999	16,497,918	53.8%
African Thunder Platinum Limited	(i,ii,iii)	72,440,807 common shares	15,244,893	-	0.0%
	(v)	46,230,979 options			
	(v)	46,230,979 options			
	(v)	55,477,175 options			
	(v)	64,723,371 options			
Brazil Potash Corp.	(iii)	2,512,406 common shares	3,957,921	12,782,116	41.7%
EV Technogy Group Inc.	(iii)	300,000 common shares	376,740	381,570	1.2%
International Cobalt Inc.	(i,ii)	66.67% of interest	980,000	81,850	0.3%
NeXtGen Biologics Inc.	(iii)	149,253 common shares	633,950	633,950	2.1%
Exploraciones De Si Cordero, S.A. De C.V.	(iii)	2,820,000 common shares	282,000	282,000	0.9%
Total of 7 other investments	(iv)		2,786,622	-	0.0%
Total private investments			\$ 30,649,125	\$ 30,659,404	100.0%

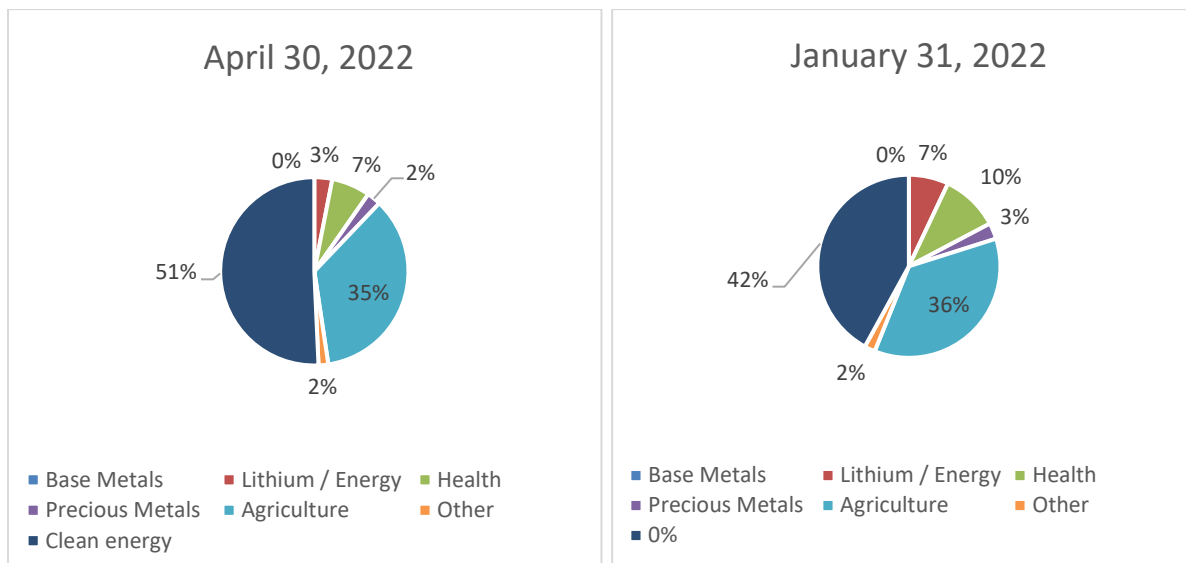
Note

- (i) The Company owns 66.7% of the outstanding common shares of International Cobalt Inc., 41.67% of the outstanding common shares of Progressus Clean Technologies Inc. ("Progressus") and 16.9% of the outstanding common shares and voting rights of African Thunder Platinum Limited ("ATPL"). There are no contractual arrangements, financial support, or other restrictions with these companies. Refer to Note 2 for details relating to the exemption to consolidating particular subsidiaries and the exemption from accounting for associates using the equity method for investment entities.
- (ii) The Company owns, on a partially diluted basis, at least a 10% interest in the investee as at January 31, 2022.
- (iii) A director and/or officer of the Company is a director and/or officer of the investee corporation as at January 31, 2022.

(iv) Total other investments held by the Company are not individually listed as at January 31, 2022. Directors and officers may hold investments personally.

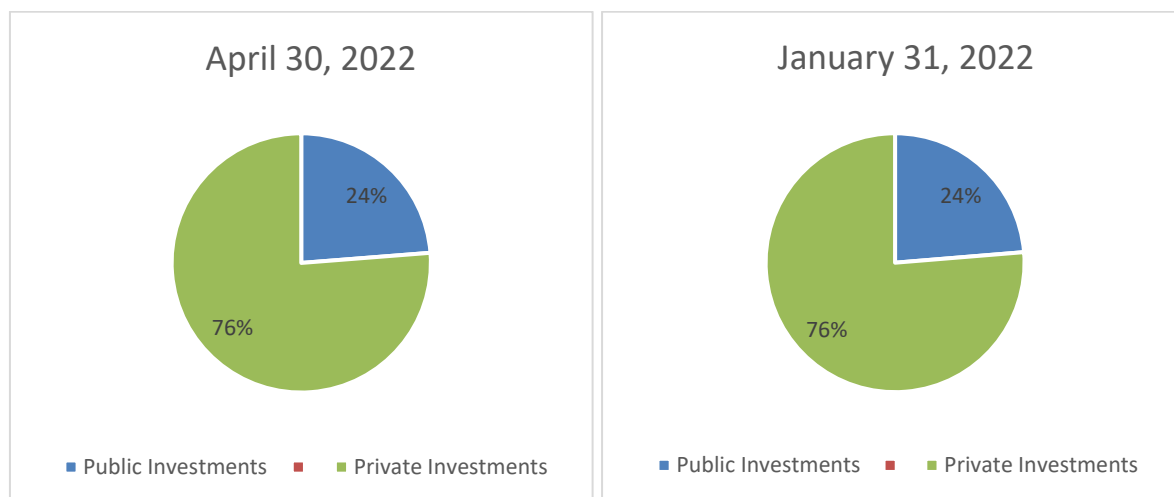
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Industry Allocation*



* As a percentage of the aggregate fair value of our investment portfolio

Public/Private Company Allocation*



* As a percentage of the aggregate fair value of our investment portfolio

2022 INVESTMENT ACTIVITIES

During the three months ended April 30, 2022, the Company disposed of investments for proceeds of approximately \$0.4 million (details below).

Progressus Clean Technologies Inc. (“Progressus”)

During the three months ended April 30, 2022 the Company recognized an unrealized gain of approximately \$nil and cumulated gain of approximately \$10.1 million. Progressus represented approximately 39% of the total assets of the Company. A 10% decline in the fair market value of Progressus would result in an estimated increase in after-tax loss to Aberdeen of approximately \$1.2 million.

Brazil Potash Corp. (“BPC”)

During the three months ended April 30, 2022, the Company recognized an unrealized gain of approximately \$0.1 million and a cumulated unrealized gain of \$8.9 million. As at April 30, 2022, BPC represented approximately 30.4% of the total assets of the Company. A 10% decline in the fair market value BPC would result in an estimated increase in after-tax loss to Aberdeen of approximately \$1.0 million.

EarthRenew Inc. (“ERTH”)

During the three months ended April 30, 2022, the Company sold all its holdings in EARTH for proceeds of approximately \$0.4 million realizing loss of approximately \$0.2 million and an unrealized gain of \$0.3 million from the reversal of prior period losses.

EV Technology Group Ltd. (“EVT”)

During the three months ended April 30, 2022, the Company held approximately 2.9 million shares in EVT. The Company recognized an unrealized gain of approximately \$2.0 million and a cumulative gain of \$0.8 million. EVT represented approximately 9.5% of the total assets of the Company. A 10% decline in the fair market value of EVT would result in an estimated increase in after-tax loss to Aberdeen of approximately \$0.3 million. Please refer to EVT’s SEDAR profile for additional information on this company..

Flora Growth Corp. (“FGGC”)

During the three months ended April 30, 2022 FLGC had approximately unrealized loss of approximately \$0.1 million and cumulative unrealized loss of approximately \$2.7 million. As at April 30, 2022, FLGC represented approximately 2.6% of the total assets of the Company. A 10% decline in the fair market value of FLGC would result in an estimated increase in after-tax loss to Aberdeen of approximately 0.1 million.

Jourdan Resources Inc. (“JOR”)

JOR common shares and warrants combined had an unrealized loss of approximately \$0.2 million and a cumulative unrealized gain of approximately \$0.4 million. As at April 30, 2022, JOR represented approximately 2.4% of the total assets of the Company. A 10% decline in the fair market value of JOR would result in an estimated increase in after-tax loss to Aberdeen of approximately \$0.1 million. Please refer to JOR’s SEDAR profile for additional information on this company.

Medivolve Inc. (“MEDV”)

MEDV had an unrealized loss of approximately \$1.1 million and a cumulative gain of approximately \$0.3 million. As at April 30, 2022, MEDV represented approximately 4.6% of the total assets of the Company. A 10% decline in the fair market value of MEDV would result in an estimated increase in after-tax loss to Aberdeen of approximately \$0.1 million. Please refer to MEDV’s SEDAR profile for additional information on this company.

Other Public and Private Equity Investments

During the three months ended April 30, 2022, the Company had a combined unrealized loss of approximately \$0.6 million and a combined cumulative unrealized loss of approximately \$20.5 million on the remainder of the Company’s public and private investments. As at April 30, 2022, these other public and private investments represented approximately 11.4% of the total assets of the Company. A 10%

decline in the fair market value of public and private investments would result in an estimated increase in after-tax loss of approximately \$0.1 million.

During the three months ended April 30, 2022, the Company purchased EVT (clean technology), Please refer to the company's SEDAR profiles for additional information on these companies. Aberdeen does not take any responsibility for its investee SEDAR disclosure and makes no comment as to its accuracy or completeness.

As at April 30, 2022, the fair market value of the Company's total investment portfolio had a cumulative unrealized loss of approximately \$2.8 million. The Company had cumulated unrealized gain of approximately \$10.9 million from its clean energy / technology holdings, \$0.3 million from its silver holdings and \$3.9 million from its agriculture holdings offset by cumulated unrealized loss of approximately \$0.3 million from its health care holdings, \$15.7 million from its precious metal holdings and \$1.7 million from its other holdings.

LOANS RECEIVABLE

		April 30, 2022	January 31, 2022
2808466 Ontario Inc.	Unsecured & convertible*	\$ 144,676	\$ 143,850
Blue Sky Energy Inc.	Unsecured & convertible*	-	250,000
Coca Leaf	Unsecured & convertible*	319,800	317,975
Medivolve Inc.	Unsecured & convertible*	33,715	224,715
Q-Gold Resources Ltd.	Unsecured & convertible*	250,000	250,000
		\$ 748,191	\$ 1,186,540

* The loan agreement contemplates that the Company and the borrower could negotiate the settlement of the amounts for shares or other securities

2808466 Ontario Inc.

On June 15, 2021, the Company entered into a loan agreement with 2808466 Ontario Inc. ("2808466") for an unsecured loan of US\$73,099 to 2808466. Interest is accrued and calculated at 12% per annum. Principal plus accrued interest are due and payable on or before January 31, 2022. 2808466 and the Company may negotiate repayment of the loans via the transfer of securities or other investment products but any arrangement for repayment other than cash is subject to a subsequent written agreement.

On September 8, 2021, the Company advanced an additional US\$40,000 to 2808466 under the same terms and conditions.

As of April 30, 2022, the loan principal of US\$113,099 (\$144,676) (January 31, 2022 – US\$113,099 (\$143,850)) plus accrued interest of US\$10,744 (\$13,743) (January 31, 2022 – US\$7,434 (\$9,456)) remained outstanding. A director of the Company (Stan Bharti) is also a director of 2808466.

EV Technology Group Ltd (formerly Blue Sky Energy Inc.)

On May 9, 2017, the Company entered into an unsecured loan agreement with Blue Sky Energy Inc. ("Blue Sky") and provided \$250,000 to Blue Sky. The loan bears interest of 12% per annum and was due and payable in full on July 5, 2017. The Company granted Blue Sky an extension to repay the loan until December 31, 2017. In consideration for the extension, Blue Sky agreed to pay an extension fee of \$12,500 on the repayment date. On February 9, 2021, the Company granted extension of loan repayment to October 31, 2021.

On March 10, 2022 the Company entered into an agreement whereby the outstanding loan principal of \$250,000 (January 31, 2021 - \$250,000) plus accrued interest and arrangement fee totaling \$141,534. (January 31, 2022 - \$141,534) were exchanged for 1,616,464 common shares of Blue Sky valued at \$404,116. These shares were subsequently exchanged for 404,116 shares of EV Technology Group Ltd. An officer of the Company (Ryan Ptolemy) is an officer of EV Technology Group Ltd.

Coca Leaf Pharma Corp.

On August 6, 2021, the Company entered into a loan agreement with Coca Leaf Pharma Corp. (“CL”) for an unsecured loan of US\$250,000. Interest is accrued and calculated at 12% per annum. Principal plus accrued interest are due and payable on or before August 2, 2022. CL and the Company may negotiate repayment of the loans via the transfer of securities or other investment products but any arrangement for repayment other than cash is subject to a subsequent written agreement.

As of April 30, 2022, the loan principal of US\$250,000 (\$319,800) (January 31, 2022 – US\$250,000 (\$317,975)) plus accrued interest of US\$21,945 (\$28,073) (January 31, 2022- US\$14,630 (\$18,608)) remained outstanding.

Q-Gold Resources Ltd.

On October 27, 2021, the Company entered into a loan agreement with Q-Gold Resources Ltd. (“QGR”) for an unsecured loan of \$250,000. Interest is accrued and calculated at 12% per annum. Principal plus accrued interest are due and payable on or before April 27, 2022. QGR and the Company may negotiate repayment of the loans via the transfer of securities or other investment products but any arrangement for repayment other than cash is subject to a subsequent written agreement.

As of April 30, 2022, the loan principal of \$250,000 (January 31, 2022 - \$250,000) plus accrued interest of \$15,123 (January 31, 2022 - \$7,562) remained outstanding. An officer of the Company (Ryan Ptolemy) is also a former officer of QGR.

Medivolve Inc.

On November 10, 2020, the Company entered into a loan agreement with Medivolve Inc. (“Medivolve”) for an unsecured loan of \$500,000. Interest is accrued and calculated at 12% per annum. Principal plus accrued interest are due and payable on or before May 10, 2021. Medivolve and the Company may negotiate repayment of the loans via the transfer of securities or other investment products but any arrangement for repayment other than cash is subject to a subsequent written agreement.

On April 4, 2021, the Company entered into a loan agreement with Medivolve Inc. (“Medivolve”) for an unsecured loan of \$300,000. Interest is accrued and calculated at 12% per annum. Principal plus accrued interest are due and payable at the earlier of (i) 120 days from entering the agreement or (ii) immediately upon Medivolve completing a financing for proceeds exceeding \$2,000,000. Medivolve and the Company may negotiate repayment of the loans via the transfer of securities or other investment products but any arrangement for repayment other than cash is subject to a subsequent written agreement.

As of April 30, 2022, the loan principal of \$33,715 (January 31, 2022 - \$224,715) plus accrued interest of \$30,530 (January 31, 2022 - \$24,269) remained outstanding. A director (Wen Ye) of the Company, is also a director of Medivolve. A director and officer (Stan Bharti), is a former director and officer of Medivolve.

SELECTED ANNUAL INFORMATION

The following are highlights of audited financial data of the Company for the most recently completed three financial years ended January 31:

	2022	2021	2020
	\$	\$	\$
Investment income & revenue	9,094,362	5,688,665	3,774,883
Net income for the year	900,936	2,918,027	1,868,523
Basic and diluted income per share	0.02	0.03	0.02
Total assets	43,095,945	34,234,649	30,297,651
Total liabilities	2,330,576	1,856,765	1,626,641
Total dividends declared and distributed	-	-	-

QUARTERLY INFORMATION

The following is a summary of unaudited financial data for the most recently completed eight quarters:

(Tabular amounts in \$000, except for per share amounts)

Summary Financial Information for the Eight Quarters - Three Months Ended April 30, 2022				
<u>Period</u>	<u>Investment gains (losses) & revenues</u>	<u>Total assets</u>	<u>Net income (loss)</u>	<u>Basic and diluted income (loss) per share</u>
2023-1 st Qtr	284	42,253	(1,219)	(0.01)
2022-4 th Qtr	(2,666)	43,095	(6,536)	(0.05)
2022-3 rd Qtr	(3,823)	48,413	(6,724)	(0.05)
2022-2 nd Qtr	11,588	55,026	10,885	0.08
2022-1 st Qtr	3,995	42,721	3,276	0.02
2021-4 th Qtr	(163)	34,235	(1,436)	(0.01)
2021-3 rd Qtr	334	36,238	(285)	(0.00)
2021-2 nd Qtr	3,715	36,008	3,074	0.03

During Q2 of 2021, the income was mainly driven by the realized and unrealized gain on the Company's investment in TM.

During Q3 of 2021, the loss was mainly driven by lower unrealized gain on the Company's investments due to overall declined in market prices in Q3.

During Q4 of 2021, the loss was mainly driven by realized and unrealized losses on the Company's investments plus impairment of loan and interest receivables in Q4.

During Q1 and Q2 of 2022, the income was mainly driven by the realized and unrealized gain on the Company's investment portfolio.

During Q3 of 2022, the loss was mainly driven by unrealized loss on the Company's investment portfolio.

During Q4 of 2022, the loss was mainly driven by unrealized loss on the Company's investment portfolio, impairment on interest and amounts receivable and increased compensation expenses paid to consultants, officers and employees.

During Q1 2023, the income was mainly driven by the investment gain on the Company's investment portfolio.

RESULTS OF OPERATIONS

The following is a discussion of the results of operations of the Company for the three months ended April 30, 2022 and 2021. This should be read in conjunction with the Company's consolidated financial statements for the three months ended April 30, 2022 and related notes.

Three months ended April 30, 2022 and 2021

	Three months ended April 30,	
	2022	2021
	\$	\$
Net (loss) income	(1,218,902)	3,276,394
Realized (loss) gain on investments, net	(218,244)	166,254
Unrealized (loss) gain on investments, net	473,781	3,759,434
Interest income	28,104	69,892
Operating, general and administration	(1,482,023)	(674,052)
Transaction costs	(3,138)	(19,788)
Interest (expense)	(14,663)	(2,385)
Foreign exchange (loss)	(2,718)	(22,961)

The net (loss) for the three months ended April 30, 2022 was \$(1,218,902) compared to net income of \$3,276,394 for the three months ended April 30, 2021.

The Company's realized loss on investments was \$218,244 during the three months ended April 30, 2022 compared to gain of \$166,254 during the three months ended April 30, 2021. The Company's unrealized gain on investments was \$473,781 for the three months ended April 30, 2022 compared to \$3,759,434 in the prior period. During the three months ended April 30, 2022, the Company realized a net loss of approximately \$0.2 million from the sale of all of its holdings in ERTH. The unrealized gain on investments during the three months ended April 30, 2022 was due to approximately \$2.0 million increase in the fair value of EVT and an increase of approximately \$0.3 million from reversal of prior period unrealized loss on ERTH offset by approximately \$1.7 million decrease in the combined value of AMMP, JOR, FLGC, MEDV, QGR, SMC.

During the three months ended April 30, 2022, the Company recorded interest income of \$28,104 compared to \$69,892 for the three months ended April 30, 2021. Interest was earned from the Company's loans receivable. See Loans Receivable Section for details.

Operating, general and administrative expense for the three months ended April 30, 2022 was \$1,482,023 compared to \$674,052 for the three months ended April 30, 2021. The increase for the three months ending April 30, 2022 was a result of increase in consulting fees in connection with share based payments and travel offset by decrease in shareholder communication and promotion and filing and transfer agent fees. For the three months ended April 30, 2022, other major expenses of the Company that

comprise general and administrative expenses include compensation of \$1,126,621 (2021 – \$313,126), legal, accounting and professional fees of \$75,111 (2021 – \$78,466), filing and transfer agent fees of \$24,485 (2021 – \$36,833), shareholder communication and promotion of \$18,762 (2021 – \$181,078), travel of \$179,471 (2021 – \$7,399) and general office and administration costs of \$57,572 (2021 – \$57,150).

The Company recorded \$3,138 in transactions costs for the three months ended April 30, 2022 compared to \$19,788 for the three months ended April 31, 2021. The costs are related to commissions incurred from the sale and purchase of equity investments.

The Company recorded \$14,663 in interest expense for the three months ended April 30, 2022 compared to \$2,385 and for the three months ended April 30, 2021. The costs are related to accrued interest on the Company's loans payable.

The Company recorded a foreign exchange (loss) of \$(2,718) during the three months ended April 30, 2022 compared to \$(22,961) during the three months ended April 30, 2021. The loss in the current year reflects unfavourable currency fluctuations in the Company's loans receivable and investments denominated in US dollars.

CASH FLOWS

Three months ended April 30, 2022 and 2021

Cash (used in) operating activities during the three months ended April 30, 2022 was \$(440,645) compared to \$(134,611) during the three months ended April 30, 2021. The difference between the operating cash flow and the net loss reflects the unrealized nature of gain from the Company's investment holdings. Operating cash for the three months ended April 30, 2022 was largely provided by the \$187,943 increase of prepaids and other amounts receivables, \$436,695 in short term loans receivable repaid, \$428,606 from the disposal of investments offset by (\$404,116) used for the acquisition of investments and administrative expenses and net changes in purchase and disposal of investment and non-cash working capital. Operating cash flow for the three months ended April 30, 2021 was used largely on purchase of portfolio investments of \$(806,998), short term loan provided of \$(792,114) and general and administrative expenses and net changes in purchase and disposal of investment and non-cash working capital offset by proceeds of \$2,773,582 provided from the disposal of the Company's portfolio.

There were no investing or financing activities during the three months ended April 30, 2022 while financing activities provided \$251,000 from loans in the prior period.

LIQUIDITY AND CAPITAL RESOURCES

Aberdeen relies upon various sources of funds for its ongoing operating activities. These resources include proceeds from dispositions of investments, interest and dividend income from investments, advisory fees, and corporate borrowings on the Company's margin account.

Aberdeen was used \$440,645 in its operating activities in the three months ended April 30, 2022. Included in cash provided in operations are \$428,606 generated from the disposal of portfolio investments, \$436,695 from loan and interest repaid and \$187,943 provided from the increase in prepaids and accounts receivable, offset by \$(404,116) used in acquiring new investments and \$(23,893) in payment of additional payables and accrued liabilities. The estimated fair value of its equity portfolio investments is \$39,630,024, loan receivable of \$748,191, amounts receivable of \$88,969, prepaid expenses of \$184,986 and cash of \$1,601,169. This was partially offset by liabilities of \$1,638,985 and loans payable of \$683,648.

On March 31, 2021, the Company borrowed US\$200,000 from Newdene Gold Inc. Interest is calculated and accrued at 10% per annum. The principal and accrued interest of US \$200,000 (January 31, 2022 – US \$200,000) and US\$21,644 (January 31, 2021 - US \$16,767) respectively remain outstanding as at April 30, 2022.

On June 15, 2021, the Company borrowed \$331,094 from 2776234 Ontario Inc. Interest is accrued and calculated at 10% per annum. The principal and accrued interest of \$331,094 (January 31, 2022 - \$331,094) and \$29,027 (January 31, 2022 - \$20,954) respectively remain outstanding as at April 30, 2022.

In April 2020, the Company received an interest free loan of \$40,000 from the Government under the Canada Emergency Business Account ("CEBA Loan") for businesses impacted by the COVID-19. The Company is expected to receive a 25% early payment credit if the principal is repaid by December 31, 2023. Effective January 1, 2023, interest rate of 5% per annum will be calculated and accrued on any unpaid loan balance.

OUTLOOK

During the three months ended April 30, 2022, the Company incurred a net loss of approximately \$1.2 million. The Company's portfolio was weaker in Q1 primarily a result of overall economic climate. The Company continues to augment its investment strategy with a larger focus on renewable energies, particularly the hydrogen sector. The Company believes that the hydrogen sector is on the verge of a breakthrough due to the clean tech revolution and its economic advantages over incumbent fuelling technologies. Hydrogen's high energy to mass ratio makes it particularly suitable for heavy-duty, long-distance road freight, maritime and aviation applications.

Aberdeen manages its portfolio among three broad categories of investments in the metals and mining sector and renewal energy sectors and over the longer investment cycle will vary its target ratio between the three categories:

1. Long-term opportunities: Dominantly private companies where Aberdeen can acquire a meaningful controlling position through an equity investment or convertible loans. The holding period is expected to be three plus years. For these types of investments, Aberdeen will typically seek to take a lead role in financing and strategic planning. Aberdeen would expect to achieve liquidity from a public listing in the future, or through a merger/acquisition of the private assets.
2. Short/medium-term opportunities: Dominantly small or microcap public companies with moderate to low trading liquidity. Aberdeen will typically enter a position in a private placement where it can obtain warrants as well as common shares, and in many cases, may be a significant shareholder (i.e. >5%) of the Company. The holding period is expected to be six months to two years. While Aberdeen may not be a lead investor in these cases, it will seek to maintain close contact with management and monitor the growth and risk against our expectations and seek liquidity as the Company delivers on its growth targets.

3. Trading opportunities: Aberdeen will at times maintain small minority positions in companies where it can capitalize on its expertise in the sector to realize on short-term opportunities or catalysts. Typically, positions would be held for less than six months. This is not a focus for management currently.

COMMITMENT AND CONTINGENCIES

Management contracts

The Company is party to certain management contracts. These contracts contain minimum commitments of approximately \$844,448 (January 31, 2022- \$740,000) ranging from 30 days to 10 months and additional contingent payments of up to approximately \$2,176,800 (January 31, 2022 - \$2,176,800) upon the occurrence of a change of control. As a triggering event has not taken place, the contingent payments have not been reflected in the condensed interim consolidated financial statements as at and for the three months ended April 30, 2022.

Tax positions

In assessing the probability of realizing income tax assets and the valuation of income tax liabilities, management makes estimates related to expectations of future taxable income, applicable tax planning opportunities, expected timing of reversals of existing temporary differences and the likelihood that tax positions taken will be sustained upon examination by applicable tax authorities. In making its assessments, management gives additional weight to positive and negative evidence that can be objectively verified. Estimates of future taxable income are based on forecasted cash flows from operations and the application of existing tax laws in each jurisdiction. The Company considers relevant tax planning opportunities that are within the Company's control, are feasible and within management's ability to implement. Examination by applicable tax authorities is supported by individual facts and circumstances of the relevant tax position examined in light of all available evidence. Where applicable tax laws and regulations are either unclear or subject to ongoing varying interpretations, it is reasonably possible that changes in these estimates can occur that materially affect the amounts of income tax assets recognized. Also, future changes in tax laws could limit the Company from realizing the tax benefits from the deferred tax assets. The Company reassesses unrecognized income tax assets at each reporting period.

F&M costs sharing policy

The Company was party to a cost sharing policy with F&M whereby the Company will be responsible for 50% of costs, including any reasonable third-party costs such as legal, technical, and/or accounting expenses jointly incurred in connection with, or arising as a result of the pursuit of certain investment opportunities and the subsequent development of any such investment opportunities that are acquired by the Company and F&M up to a maximum of \$500,000. In the event any expenses incurred with respect to the investment opportunities are recouped by either party, such amounts will be allocated 50% to each party. The Company was party to a cost sharing policy with F&M whereby the Company will be responsible for 50% of costs, including any reasonable third party costs such as legal, technical, and/or accounting expenses jointly incurred in connection with, or arising as a result of the pursuit of certain investment opportunities and the subsequent development of any such investment opportunities that are acquired by the Company and F&M up to a maximum of \$500,000. In the event any expenses incurred with respect to the investment opportunities are recouped by either party, such amounts will be allocated 50% to each party. As at October 31, 2016, \$500,000 had been incurred by the Company. On March 27, 2017, the Board amended the cost sharing agreement whereby the Company would pay all legal, technical, and/or accounting expenses in connection with or arising as a result of the pursuit of certain investment opportunities and the subsequent development of any such investment opportunities that are acquired by the Company and F&M. During the three months ended April 30, 2022, the Company incurred \$33,470 (2021 - \$866) of legal and professional fees. As at April 30, 2022, \$1,538,071 (January 31, 2022 - \$1,504,601) had been incurred by the Company.

FINANCIAL INSTRUMENTS

Fair value

IFRS requires that the Company disclose information about the fair value of its financial assets and liabilities. Fair value estimates are made at the statements of financial position date, based on relevant market information and information about the financial instrument. These estimates are subjective in nature and involve uncertainties in significant matters of judgment and therefore cannot be determined with precision. Changes in assumptions could significantly affect these estimates.

The Company has determined the carrying value of its financial instruments as follows:

- i. The carrying value of cash, amounts receivable, due to brokers, accounts payable and accrued liabilities reflected on the statements of financial position approximate fair value because of the limited terms of these instruments.
- ii. Loans receivable, public and private investments are carried at amounts in accordance with the Company's accounting policies as set out in Note 2 of the annual audited consolidated financial statements as at and for the years ended January 31, 2022 and 2021.
- iii. Prior to maturity, the outstanding loans receivable are carried at their discounted value. Following their maturity, loans receivable is carried at their estimated realizable value.

The following table illustrates the classification of the Company's financial instruments, measured at fair value on the statements of financial position as at April 30, 2022 and January 31, 2022 categorized into levels of the fair value hierarchy:

Financial assets (liabilities), fair value	Level 1	Level 2	Level 3	Total
	(Quoted Market price)	(Valuation technique - observable market Inputs)	(Valuation technique - non-observable market inputs)	
Publicly traded investments	\$ 6,929,370	\$ 1,355,090	\$ -	\$ 8,284,460
Non-trading warrants on public investments	-	1,024,522	-	1,024,522
Private investments	-	-	30,321,041	30,321,041
DSU and WTS in accounts payable and accrued liabilities	(132,738)	(500)	-	(133,238)
April 30, 2022	\$ 6,796,633	\$ 2,379,112	\$ 30,321,041	\$ 39,496,786
Publicly traded investments	\$ 4,916,725	\$ 1,990,970	\$ -	\$ 6,907,695
Non-trading warrants on public investments	-	1,831,879	-	1,831,879
Private investments	-	-	30,659,404	30,659,404
DSU and WTS in accounts payable and accrued liabilities	(301,947)	(60,053)	-	(362,000)
January 31, 2022	\$ 4,614,778	\$ 1,930,917	\$ 30,659,404	\$ 39,036,978

The following table presents the changes in fair value measurements of financial instruments classified as Level 2 for the periods ended April 30, 2022 and January 31, 2022.

Investments, fair value	Year ended	
	April 30, 2022	January 31, 2022
Balance, beginning of period	\$ 3,822,849	\$ 2,111,079
Purchase at cost - shares and warrants	-	3,215,253
Disposal at cost - warrants	-	(234,843)
Transferred (to) Level 1	-	(4,112,419)
Transferred from Level 3	-	3,421,853
Unrealized and realized gain (loss), net	(1,443,237)	(578,074)
Balance, end of period	\$ 2,379,612	\$ 3,822,849

The following table presents the changes in fair value measurements of financial instruments classified as Level 3 for the periods ended April 30, 2022 and January 31, 2022. These financial instruments are measured at fair value utilizing non-observable market inputs. The net realized and unrealized gain are recognized in the statements of income (loss).

Investments, fair value	Year ended	
	April 30, 2022	January 31, 2022
Balance, beginning of period	\$ 30,659,404	\$ 17,694,287
Purchase at cost - shares	-	7,679,690
Disposal at cost - shares	-	-
Transferred (to) Level 1	(381,570)	(3,421,853)
Return of capital on investments	-	-
Unrealized and realized gain (loss), net	43,206	8,707,280
Balance, end of period	\$ 30,321,040	\$ 30,659,404

Included in unrealized and realized gain for the periods ended April 30, 2022 and January 31, 2022, the total gain that are attributable to change in realized and unrealized gain relating to those assets and liabilities held at January 31, 2022 were \$43,206 (January 31, 2022 – \$8,707,280).

Within Level 3, the Company included private company investments that are not quoted on an exchange. The key assumptions used in the valuation of these instruments include (but are not limited to) the value at which a recent financing was done by the investee, company-specific information, trends in general market conditions, discount cash flow models and the share performance of comparable publicly-traded companies.

The following table presents the fair value, categorized by key valuation techniques and the unobservable inputs used within Level 3 as at:

April 30, 2022				
Description	Fair value	Valuation technique	Significant unobservable input(s)	Range of significant unobservable inputs
Progressus Clean Technologies Inc.	\$ 16,497,918	Transaction price	Marketability of shares	0% discount
African Thunder Platinum Ltd.	-	Net asset value	Net realizable value of assets and put option	US\$16.25 million
			Discount rate	25.50%
Brazil Potash Corp.	12,855,478	Recent financing	Marketability of shares	0% discount
International Cobalt Inc.	51,695	Net asset value	Marketability of shares	0% discount
NeXtGen Biogenetics Inc.	633,950	Recent financing	Marketability of shares	0% discount
San Luiz	282,000	Net asset value	Marketability of shares	0% discount
	\$ 30,321,041			
January 31, 2022				
Description	Fair value	Valuation technique	Significant unobservable input(s)	Range of significant unobservable inputs
Progressus Clean Technologies Inc.	16,497,918	Transaction price	Marketability of shares	0% discount
African Thunder Platinum Ltd.	-	Net asset value	Net realizable value of assets and put option	US\$16.25 million
Brazil Potash Corp.	12,782,116		Discount rate	25.50%
EV Technology Group Inc.	381,570	Recent financing	Marketability of shares	0% discount
International Cobalt Inc.	81,850	Net asset value	Marketability of shares	0% discount
NeXtGen Biogenetics Inc.	633,950	Recent financing	Marketability of shares	0% discount
San Luiz	282,000	Net asset value	Marketability of shares	0% discount
	30,659,404			

As valuations of investments for which market quotations are not readily available, are inherently uncertain, may fluctuate within short periods of time and are based on estimates, determination of fair value

may differ materially from the values that would have resulted if a ready market existed for the investments. Given the size of the private investment portfolio, such changes may have a significant impact on the Company's financial condition or operating results.

Progressus Clean Technologies Inc. ("Progressus")

On February 11, 2021, the Company acquired 41.67% of Progressus. The Company issued a total of 25 million Aberdeen common shares to the shareholders of Progressus and committed to invest an additional \$1,000,000 over two years in exchange for a 41.67% equity interest in Progressus. As at April 30, 2022 \$458,333 of this commitment remained payable and is included in accounts payable and accrued liabilities. The valuation as at April 30, 2022 was based on a recent acquisition of 49% interest of Progressus by Powertap Hydrogen Capital Corp. on July 27, 2021. Management has determined that there are no reasonable possible alternative assumptions that would change the fair value significantly as at April 30, 2022. As at April 30, 2022, a +/- 10% change in the fair value of Progressus will result in a corresponding +/- \$1,649,792 (January 31, 2022 - \$1,649,792) change in income. Had the Company applied a marketability discount of 5%, it would have resulted in a corresponding decrease of approximately \$785,615 (January 31, 2022 - \$785,615) in income.

African Thunder Platinum Limited ("ATPL")

The valuation as at January 31, 2022 reflects the impairment of the net asset valuation of ATPL and the ATPL options held by the Company. ATPL entered into a sale and subscription agreement to sell its Smokey Hills Mauritius subsidiaries which includes the Smokey Hills mine in exchange for US\$24 million in SAIL Group shares. The sale and subscription agreement grants ATPL the right under certain conditions to sell its shares back to SAIL Group for US\$22 million over the option term and gives SAIL Group the right to redeem the shares for a revised remaining actual cash flow of US\$ 16.25 million, adjusted for the first four installments received in fiscal 2020 through Q3 2021, and amended payment schedule with instalments payable between April 2021 and July 2022. Due to lack of payment by SAIL group as per the original purchase agreement and no expectation of future payments, Management determined that the investment is not viable and has recorded impairment of \$2,637,792 for the year ended January 31, 2022. As at April 30, 2022 and January 31, 2022 the fair value of the ATPL shares is deemed to be nil.

Brazil Potash Corp.

The valuation was based on BPC's most recent financing of US\$4 per share. Management has determined that there are no reasonably possible alternative assumptions that would change the fair value significantly as at April 30, 2022. As at April 30, 2022, a +/- 10% change in the fair value of Brazil Potash Corp. will result in a corresponding +/- \$1,285,547 (January 31, 2022 - \$1,278,116) change in income. Had the Company applied a marketability discount of 5%, it would have resulted in a corresponding decrease of approximately \$612,166 (January 31, 2022 - \$608,672) in income.

International Cobalt Inc.

The underlying assets of International Cobalt Inc. are 646,154 common shares held in Bolt Metals Corp. which is traded on the Canadian stock exchange under trading symbol "BOLT". The valuation was based on the closing share price of Bolt Metals Corp. on April 30, 2022. Management has determined that there are no reasonably possible alternative assumptions that would change the fair value significantly as at April 30, 2022. As at April 30, 2022, a +/- 10% change in the fair value of International Cobalt Inc. will result in a corresponding +/- 5,169 (January 31, 2022 - \$8,185) change in income. Had the Company applied a marketability discount of 5%, it would have resulted in a corresponding decrease of approximately \$2,462 (January 31, 2022 - \$3,898) in income.

NeXtGen Biologics Inc..

The underlying assets of NeXtGen Biologics Inc. are 149,253 common shares held in NeXtGen Biologics Inc. The valuation was based on NeXtGen Biologics Inc's most recent financing. Management has determined that there are no reasonably possible alternative assumptions that would change the fair value significantly as at April 30, 2022. As at April 30, 2022, a +/- 10% change in the fair value of NeXtGen Biogenetics Inc. will result in a corresponding +/- \$63,395 (January 31, 2022 - \$63,395) change in income. Had the Company applied a marketability discount of 5%, it would have resulted in a corresponding decrease of approximately \$30,188 (January 31, 2022 - \$30,188) in income.

San Luiz

The underlying assets of San Luiz are 2,820,000 common shares held in San Luiz. The valuation was based on San Luiz most recent financing. Management has determined that there are no reasonably possible alternative assumptions that would change the fair value significantly as at April 30, 2022. As at April 30, 2022, a +/- 10% change in the fair value of San Luiz will result in a corresponding +/- \$28,200 (January 31, 2022 – 28,200) change in income. Had the Company applied a marketability discount of 5%, it would have resulted in a corresponding decrease of approximately \$13,429 (January 31, 2022 - \$13,429) in income.

The sensitivity analysis is intended to reflect the significant uncertainty inherent in the valuation of private investments under current market conditions, and the results cannot be extrapolated due to non-linear effects that changes in valuation assumptions may have on the estimated fair value of these investments. Furthermore, the analysis does not indicate a probability of changes occurring and it does not necessarily represent the Company's view of expected future changes in the fair value of these investments. Any management actions that may be taken to mitigate the inherent risks are not reflected in this analysis.

TRANSACTIONS WITH RELATED PARTIES

The consolidated financial statements include the financial statements of the Company and its wholly owned subsidiary Aberdeen (Barbados) Inc. incorporated in Barbados.

Compensation of Key Management Personnel of the Company

In accordance with IAS 24, key management personnel are those persons having authority and responsibility for planning, directing and controlling the activities of the Company directly or indirectly, including any directors (executive and non-executive) of the Company.

The remuneration of directors and key executives is determined by the remuneration committee having regard to the performance of individuals and market trends.

The remuneration of directors and other members of key management personnel during the years were as follows:

	Three months ended April 30,	
	2022	2021
Short-term benefits (*)	\$ 174,850	\$ 162,909
Share-based payments	252,431	22,500
	<u>\$ 427,281</u>	<u>\$ 185,409</u>

* Benefits included fees paid to Forbes & Manhattan, Inc.

As at April 30, 2022, the Company had accounts payable and accrued liabilities balance of \$112,000 (January 31, 2022 - \$112,000) in DSU accrual. Such amounts are unsecured, non-interest bearing and with no fixed terms of payment.

The Company shares office space with other companies who may have common officers or directors. The costs associated with this space are administered by an unrelated company.

As of April 30, 2022 the Company owed Medivolve \$10,730 (January 31, 2022, \$10,730) in legal costs. A director of the Company (Wen Ye) is a director of Medivolve. A director and officer of the Company (Stan Bharti) was a former director and officer of Medivolve.

The Company earns financing advisory fees from companies of which directors and officers are also directors and officers of Aberdeen. Directors and officers of Aberdeen may also hold investments in these companies. During the three months ended April 30, 2022, the Company earned \$nil (2021 – \$nil)

in advisory fees from Ore Acquisition Partners LP (“Ore”) and incurred \$nil (2021 - \$nil) in related expenses. The management fee agreement expired in 2020. The Company has control and direction over investments held by Ore. As at April 30, 2022 the Company held common investments with Ore in Brazil Potash Corp., and Sulliden Capital Mining Inc. David Stein, a former director of Aberdeen, is a limited partner in Ore.

Stan Bharti, a director and officer of the Company, is the Executive Chairman of Forbes & Manhattan, Inc. (“F&M”), a corporation that provides administrative and consulting services to the Company, including but not limited to strategic planning and business development. F&M charges a monthly consulting fee of \$25,000.

The Company was party to a cost sharing policy with F&M whereby the Company will be responsible for 50% of costs, including any reasonable third party costs such as legal, technical, and/or accounting expenses jointly incurred in connection with, or arising as a result of the pursuit of certain investment opportunities and the subsequent development of any such investment opportunities that are acquired by the Company and F&M up to a maximum of \$500,000. In the event any expenses incurred with respect to the investment opportunities are recouped by either party, such amounts will be allocated 50% to each party. As at October 31, 2016, \$500,000 had been incurred by the Company. On March 27, 2017, the Board amended the cost sharing agreement whereby the Company would pay all legal, technical, and/or accounting expenses in connection with or arising as a result of the pursuit of certain investment opportunities and the subsequent development of any such investment opportunities that are acquired by the Company and F&M. During the three months ended April 30, 2022, the Company incurred \$33,470 (2021 - \$866) of legal and professional fees. As at April 30, 2022, \$1,538,071 (January 31, 2022 - \$1,504,601) had been incurred by the Company.

The Company provided loans to and earned interest and debt arrangement fees from companies of which directors and officers are also directors and officers of Aberdeen. The Company also had debt financing from companies of which directors and officers are also directors and officers of Aberdeen. Directors and officers of Aberdeen may also hold investments in these companies.

The following is a list of total investments and the nature of the relationship of the Company’s directors or officers with the investment as of April 30, 2022 and January 31, 2022.

Investment	Nature of relationship	Estimated Fair value	% of FV
African Gold Group, Inc.	Former director and officer (Stan Bharti) and former officer (Ryan Ptolemy)	\$ 71	0.0%
Brazil Potash Corp.*	Director (Stan Bharti), officers (Chris Younger and Ryan Ptolemy)	12,855,478	32.5%
EV Technology Group Inc.*	Officer (Ryan Ptolemy)	4,020,686	10.1%
Flora Growth Corp.	Former officer (Stan Bharti, Bernie Wilson)	1,118,660	2.8%
GameSquare Esports Inc.	Former director (Maurice Colsen)	8,620	0.0%
International Cobalt Inc.*	10% security holder (Aberdeen)	51,695	0.1%
Jourdan Resources Inc.	10% security holder (Aberdeen) , Officer (Ryan Ptolemy)	1,022,767	2.6%
Medivolve Inc.	Director (Wen Ye)	1,937,785	4.9%
O2Gold Inc.	Former officer (Ryan Ptolemy)	57,480	0.1%
Q-Gold Resources Ltd.	Former director (Maurice Colsen), 10% security holders (Aberdeen, Stan Bharti), Fomer officer (Ryan Ptolemy)	615,517	1.6%
Sulliden Mining Capital Inc.	Director (Stan Bharti, Wen Ye) and officer Ryan Ptolemy	403,159	1.0%
Temujin Mining Corp.*	Director (Stan Bharti)	-	0.0%
Silo Wellness Inc.	Former director (Maurice Colsen), Fomer officer (Ryan Ptolemy)	21,238	0.1%
Total of 13 other investments		17,516,868	44.2%
Total Investments - April 30, 2022		\$ 39,630,024	100.0%

* Private company

Investment	Nature of relationship	Estimated Fair value	% of FV
African Gold Group, Inc.	Former director and officer (Stan Bharti) and former officer (Ryan Ptolemy)	\$ 84	0.0%
Blue Sky Energy Inc.	10% security holder (Aberdeen) and officer (Ryan Ptolemy)	1,210,737	3.1%
Brazil Potash Corp.*	Director (Stan Bharti), officers (Chris Younger and Ryan Ptolemy)	12,782,116	32.4%
Earthrenew Inc.	Former officer (Ryan Ptolemy)	305,443	0.8%
EV Technology Group Inc.*	Officer (Ryan Ptolemy)	381,570	1.0%
Flora Growth Corp.	Former officer (Stan Bharti, Bernie Wilson)	1,267,995	3.2%
GameSquare Esports Inc.	Former director (Maurice Colsen)	44,420	0.1%
International Cobalt Inc.*	10% security holder (Aberdeen)	81,850	0.2%
Jourdan Resources Inc.	10% security holder (Aberdeen), Officer (Ryan Ptolemy)	1,179,933	3.0%
Medivolve Inc.	Director (Wen Ye)	3,053,698	7.8%
O2Gold Inc.	Officer (Ryan Ptolemy)	95,800	0.2%
Q-Gold Resources Ltd.	Former director (Maurice Colsen), 10% security holders (Aberdeen, Stan Bharti), Officer (Ryan Ptolemy)	780,150	2.0%
Sulliden Mining Capital Inc.	Director (Stan Bharti, Wen Ye) and officer Ryan Ptolemy	479,951	1.2%
Temujin Mining Corp.*	Director (Stan Bharti)	-	0.0%
Silo Wellness Inc.	Former director (Maurice Colsen), Former officer (Ryan Ptolemy)	66,863	0.2%
Total of 13 other investments		17,668,368	44.8%
Total Investments - January 31, 2022		\$ 39,398,978	100.0%

The Company's directors and officers may have investments in and hold management and/or director and officer positions in some of the investments that the Company holds.

The Company has a diversified base of shareholders. To the Company's knowledge, other than Stan Bharti, no shareholder holds more than 10% of the Company's common shares as at April 30, 2022 and January 31, 2022.

OFF BALANCE SHEET ARRANGEMENTS

The Company is not committed to any off-balance sheet arrangements.

CRITICAL ACCOUNTING ESTIMATES

The Company's accounting policies are described in Note 2 of the annual audited consolidated financial statements for the years ended January 31, 2022 and 2021. The preparation of annual audited financial statements in conformity with IFRS requires management to make estimates and assumptions which affect the amounts reported in the financial statements and accompanying notes. The following is a list of the accounting policies that the Company believes are critical, due to the degree of uncertainty regarding the estimates and assumptions involved and the magnitude of the asset, liability, revenue or expense being reported.

Investments

Purchases and sales of investments are recognized on a trade date basis. Public and private investments at fair value through profit or loss are initially recognized at fair value with changes in fair value reported in profit (loss).

At each financial reporting period, the Company's management estimates the fair value of its investments based on the criteria below and reflects such valuations in the annual audited financial statements.

Transaction costs are expensed as incurred in profit (loss). The determination of fair value requires judgment and is based on market information where available and appropriate. At the end of each financial reporting period, the Company's management estimates the fair value of investments based on the criteria below and reflects such changes in valuations in the statements of comprehensive loss. The Company is also required to present its investments (and other financial assets and liabilities reported at fair value) into

three hierarchy levels (Level 1, 2, or 3) based on the transparency of inputs used in measuring the fair value, and to provide additional disclosure in connection therewith. The three levels are defined as follows:

Level 1 – investment with quoted market price;

Level 2 – investment which valuation technique is based on observable market inputs; and

Level 3 – investment which valuation technique is based on non-observable market inputs.

Publicly traded investments:

1. Securities, including shares, options, and warrants that are traded on a recognized securities exchange and for which no sales restrictions apply are recorded at fair values based on quoted closing prices at the statements of financial position date or the closing price on the last day the security traded if there was no trades at the statements of financial position date. These are included in Level 1.
2. Securities that are traded on a recognized securities exchange but are escrowed or otherwise restricted as to sale or transfer are recorded at amounts discounted from market value. Shares that are received as part of a private placement that are subject to a standard four-month hold period are not discounted. In determining the discount for such investments, the Company considers the nature and length of the restriction, business risk of the investee corporation, relative trading volume and price volatility and any other factors that may be relevant to the ongoing and realizable value of the investments. These are included in Level 2.
3. Warrants or options of publicly traded securities which do not have a quoted price are carried at an estimated fair value calculated using the Black-Scholes option pricing model if sufficient and reliable observable market inputs are available. If no such market inputs are available or reliable, the warrants and options are valued at intrinsic value. These are included in Level 2.
4. Performance Shares are convertible into common shares if or when the investee companies meet certain milestones. These Performance Shares are recorded at fair value when the certainty of meeting these milestones is reasonably assured. These are included in Level 3.

The amounts at which the Company's publicly-traded investments could be disposed of may differ from carrying values based on market quotes, as the value at which significant ownership positions are sold is often different than the quoted market price due to a variety of factors such as premiums paid for large blocks or discounts due to illiquidity. Such differences could be material.

Privately held investments:

1. Securities in privately-held companies (other than options and warrants) are initially recorded at cost, being the fair value at the time of acquisition. At the end of each financial reporting period, the Company's management estimates the fair value of investments based on the criteria below and reflects such valuations in the annual audited financial statements. These are included in Level 3. Options and warrants of private companies are carried at their intrinsic value.

With respect to valuation, the financial information of private companies in which the Company has investments may not always be available, or such information may be limited and/or unreliable. Use of the valuation approach described below may involve uncertainties and determinations based on the Company's judgment and any value estimated from these may not be realized or realizable. In addition to the events described below, which may affect a specific investment, the Company will take into account general market conditions when valuing the privately held investments in its portfolio. The absence of these events or any significant change in general market conditions indicates generally that the fair value of the investment has not materially changed.

2. An upward adjustment is considered appropriate and supported by pervasive and objective evidence when a significant subsequent equity financing by an unrelated investor at a transaction price higher than the Company's carrying value occurs; or if there have been significant corporate,

political or operating events affecting the investee company that, in management's opinion, have a positive impact on the investee company's prospects and therefore its fair value. In these circumstances, the adjustment to the fair value of the investment will be based on management's judgment and any value estimated may not be realized or realizable. Such events include, without limitation:

- political changes in a country in which the investee company operates that, for example, reduce the corporate tax burden, permit mining where, or to an extent that, it was not previously allowed, or reduce or eliminate the need for permitting or approvals;
 - receipt by the investee company of environmental, mining, aboriginal or similar approvals, which allow the investee company to proceed with its project(s);
 - filing by the investee company of a National Instrument 43-101 technical report in respect of a previously non-compliant resource;
 - release by the investee company of positive exploration results, which either proves or expands their resource prospects; and
 - important positive management changes by the investee company that the Company's management believes will have a very positive impact on the investee company's ability to achieve its objectives and build value for shareholders.
3. Downward adjustments to carrying values are made when there is evidence of a decline in value as indicated by the assessment of the financial condition of the investment based on third party financing, operational results, forecasts, and other developments since acquisition, or if there have been significant corporate, political or operating events affecting the investee company that, in management's opinion, have a negative impact on the investee company's prospects and therefore its fair value. The amount of the change to the fair value of the investment is based on management's judgment and any value estimated may not be realized or realizable. Such events include, without limitation:
- political changes in a country in which the investee company operates that increases the tax burden on companies, that prohibit mining where it was previously allowed, that increases the need for permitting or approvals, etc.;
 - denial of the investee company's application for environmental, mining, aboriginal or similar approvals that prohibit the investee company from proceeding with its projects;
 - the investee company releases negative exploration results;
 - changes to the management of the investee company take place that the Company believes will have a negative impact on the investee company's ability to achieve its objectives and build value for shareholders;
 - the investee company is placed into receivership or bankruptcy; and
 - based on financial information received from the investee company, it is apparent to the Company that the investee company is unlikely to be able to continue as a going concern.

The resulting values may differ from values that would be realized had a ready market existed. The amounts at which the Company's privately held investments could be disposed of may differ from the carrying value assigned. Such differences could be material.

Investments in associates:

Investments in associates are those entities over which the Company has or is deemed to have significant influence, but not control over, the financial and operating policies. Investments in associates are held as part of the Company's investment portfolio and carried in the statement of financial position at fair value even though the Company may have significant influence over the companies. This treatment is permitted by IAS 28, Investments in Associates and Joint Ventures ("IAS 28"), which allows investments held by venture capital or similar organizations to be excluded from its scope where those investments are measured at fair value through profit or loss in accordance with IFRS 9, with changes in fair value recognized in the statement of comprehensive (loss) within unrealized gains or losses on investments.

Investments with control:

The Company owns 16.9% of the outstanding common shares and voting rights of African Thunder, 41.67% of the outstanding common shares of Progressus and 66.7% of the outstanding common shares and voting rights of International Cobalt Inc. There are no contractual arrangements, financial support, or other restrictions with these corporations. The Company has reviewed the guidance on the adoption of IFRS 10, *Consolidated Financial Statements*, and determined that it qualifies for the exemption from consolidation given that the Company has the following typical characteristics of an investment entity, with the exception of Aberdeen (Barbados) Inc. to the extent that these subsidiaries provide services that relate to the Company's investment activities.

- (a) obtains funds from one or more investors for the purpose of providing those investor(s) with investment management services;
- (b) commits to its investor(s) that its business purpose is to invest funds solely for returns from capital appreciation, investment income, or both; and
- (c) measures and evaluates the performance of substantially all of its investments on a fair value basis.

As a result of this exemption, the Company's investment in these companies are recorded as a financial instrument, similarly to Aberdeen's other private investments.

Loans receivable:

1. The recoverability of loan receivable is assessed when events occur indicating impairment. Recoverability is based on factors such as failure to pay interest on time and failure to pay the principal. An impairment loss is recognized in the period when it is determined that the carrying amount of the assets will not be recoverable. At that time the carrying amount is written down to fair value. Secured debentures are financial instruments classified as at amortized costs and are adjusted for expected credit losses.
2. Convertible debentures and convertible notes issued from publicly traded companies are carried at the higher of the loan receivable value of the loan or the fair value of the common shares or units receivable from the conversion assuming the conversion can be done at the Company's option. The conversion feature of convertible debentures and convertible notes issued from private companies are carried at nominal value. Convertible debentures and convertible notes are financial instruments classified as held for trading.

Financial assets other than investments at fair value

Financial assets which are managed to collect contractual cash flows made up of principal and interest are designated as at amortized cost. All other financial assets are designated as at fair value through profit or loss. All financial assets are recognized initially at fair value plus, in the case of financial assets designated at amortized cost, directly attributable transaction costs. Financial assets at amortized cost are measured at initial cost-plus interest calculated using the effective interest rate method less cumulative repayments and any adjustment for expected credit losses.

A financial asset is derecognized when the rights to receive cash flows from the asset have expired, or the Company has transferred substantially all the risks and rewards of the asset. The Company assesses at each reporting date whether there is any objective evidence that a financial asset is impaired. For amounts deemed to be impaired, the impairment provision is based upon the expected loss.

Revenue Recognition

Realized gains and losses on the disposal of investments and unrealized gains and losses in the value of investments are reflected in the statement of comprehensive loss on a trade date basis. Upon disposal of an investment, previously recognized unrealized gains or losses are reversed, so as to recognize the full realized gain or loss in the period of disposition. All transaction costs are expensed as

incurred. Dividend income is recorded on the ex-dividend date. Interest income and other income are recorded on an accrual basis. Deferred revenue is recognized over the period for which the revenue is earned.

The Company earns advisory service fees as well as interest and dividend income. Such revenue is recognized based on contractual obligations and when collection is reasonably assured.

Income Taxes

Income tax expense comprises of current and deferred tax. Current tax and deferred tax are recognized in profit or loss except to the extent that it relates to the translation gain or loss on the royalty division, recognized directly in other comprehensive income or loss.

Current tax is the expected tax payable or receivable on the taxable income or loss for the year, using tax rates enacted or substantively enacted at the reporting date, and any adjustment to tax payable in respect of previous years.

Deferred tax is recognized in respect of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for taxation purposes. Deferred tax is not recognized for the following temporary differences: the initial recognition of assets or liabilities in a transaction that is not a business combination and that affects neither accounting nor taxable profit or loss, and differences relating to investments in jointly controlled entities to the extent that it is probable that they will not reverse in the foreseeable future. Deferred tax is measured at the tax rates that are expected to be applied to temporary differences when they reverse, based on the laws that have been enacted or substantively enacted by the reporting date. Deferred tax assets and liabilities are offset if there is a legally enforceable right to offset current tax liabilities and assets, and they relate to income taxes levied by the same tax authority on the same taxable entity, or on different tax entities, but they intend to settle current tax liabilities and assets on a net basis or their tax assets and liabilities will be realized simultaneously.

A deferred tax asset is recognized for unused tax losses, tax credits and deductible temporary differences, to the extent that it is probable that future taxable profits will be available against which they can be utilized. Deferred tax assets are reviewed at each reporting date and are reduced to the extent that it is no longer probable that the related tax benefit will be realized.

Share-Based Payments

Equity-settled share-based payments to employees and others providing similar services are measured at the fair value of the equity instruments at the grant date. Fair value is measured at grant date and each tranche is recognized on a graded-vesting basis over the period in which options vest. At the end of each reporting period, the Company revises its estimate of the number of equity instruments expected to vest. The impact of the revision of the original estimates, if any, is recognized in profit or loss such that the cumulative expense reflects the revised estimate, with a corresponding adjustment to the equity reserve.

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

For options that expire unexercised, the recorded value is transferred to retained earnings.

SIGNIFICANT ACCOUNTING POLICIES

New Accounting Policies

Effective February 1, 2022, the Company adopted the amendments to IAS 37 – Provisions, Contingent Liabilities and Contingent Assets and IFRS 3 – Business Combinations. These amendments did not have any material impact on the Company's consolidated financial statements.

Certain new standards, interpretations, amendments and improvements to existing standards were issued by the IASB or IFRIC that are mandatory for accounting periods beginning on January 1, 2022 or later. Updates that are not applicable or are not consequential to the Company have been excluded. The following have not yet been adopted and are being evaluated to determine their impact on the financial statements.

IFRS 10 – Consolidated Financial Statements (“IFRS 10”) and IAS 28 – Investments in Associates and Joint Ventures (“IAS 28”) were amended in September 2014 to address a conflict between the requirements of IAS 28 and IFRS 10 and clarify that in a transaction involving an associate or joint venture, the extent of gain or loss recognition depends on whether the assets sold or contributed constitute a business. The effective date of these amendments is yet to be determined; however, early adoption is permitted

IAS 1 – Presentation of Financial Statements (“IAS 1”) was amended in January 2020 to provide a more general approach to the classification of liabilities under IAS 1 based on the contractual arrangements in place at the reporting date. The amendments clarify that the classification of liabilities as current or noncurrent is based solely on a company’s right to defer settlement at the reporting date. The right needs to be unconditional and must have substance. The amendments also clarify that the transfer of a company’s own equity instruments is regarded as settlement of a liability, unless it results from the exercise of a conversion option meeting the definition of an equity instrument. The amendments are effective for annual periods beginning on January 1, 2023.

RISKS AND UNCERTAINTIES

The investment in pre-IPO and early stage public resource companies involves significant risks, which even a combination of careful evaluation, experience and knowledge may not eliminate. Certain risk factors listed below are related to investing in the resource industry in general while others are specific to Aberdeen. For an additional discussion of risk factors and other information please refer to the Company’s Annual Information Form filed on May 2, 2022, under the profile of the Company at www.sedar.com.

Portfolio Exposure

Given the nature of Aberdeen’s activities, the results of operations and financial condition of the Company are dependent upon the market value of the securities that comprise the Company’s investment portfolio. Market value can be reflective of the actual or anticipated operating results of companies in the portfolio and/or the general market conditions that affect the resource sector. Various factors affecting the resource sector could have a negative impact on Aberdeen’s portfolio of investments and thereby have an adverse effect on its business. Additionally, the Company’s investments are mostly in small-cap businesses that may never mature or generate adequate returns or may require a number of years to do so. Junior exploration companies may never achieve commercial discoveries and production. This may create an irregular pattern in Aberdeen’s investment gains and revenues (if any) and an investment in the Company’s securities may only be suitable for investors who are prepared to hold their investment for a long period of time. Macro factors such as fluctuations in commodity prices and global political and economical conditions could have an adverse effect on the resource industry, thereby negatively affecting the Company’s portfolio of investments. Company-specific risks, such as the risks associated with mining operations generally, could have an adverse effect on one or more of the investments in the portfolio at any point in time. Company-specific and industry-specific risks that materially adversely affect the Company’s investment portfolio may have a materially adverse impact on operating results.

Concentration of Investments

Other than as described herein, there are no restrictions on the proportion of the Company’s funds and no limit on the amount of funds that may be allocated to any particular investment. The Company may participate in a limited number of investments and, as a consequence, its financial results may be substantially adversely affected by the unfavourable performance of a single investment. Completion of one or more investments may result in a highly concentrated investment in a particular company, commodity or geographic area, resulting in the performance of the Company depending significantly on the performance of such company, commodity or geographic area. As at April 30, 2022, Progressus, BPC and EVT

represented approximately 39.0%, 30.4% and 9.5%, respectively of the Company's total assets, respectively. As a result, the valuation of these investments and the overall financial condition of the Company depends on the performance of these three investee companies.

Private Issuers and Illiquid Securities

Aberdeen invests in securities of private issuers. Securities of private issuers may be subject to trading restrictions, including hold periods, and there may not be any market for such securities. These limitations may impair the Company's ability to react quickly to market conditions or negotiate the most favourable terms for exiting such investments. Investments in private issuers are subject to a relatively high degree of risk. There can be no assurance that a public market will develop for any of Aberdeen's private company investments, or that the Company will otherwise be able to realize a return on such investments.

The value attributed to securities of private issuers will be the cost thereof, subject to adjustment in limited circumstances, and therefore may not reflect the amount for which they can actually be sold. Because valuations, and in particular valuations of investments for which market quotations are not readily available, are inherently uncertain, may fluctuate within short periods of time and may be based on estimates, determinations of fair value may differ materially from the values that would have resulted if a ready market had existed for the investments.

Aberdeen also invests in illiquid securities of public issuers. A considerable period of time may elapse between the time a decision is made to sell such securities and the time the Company is able to do so, and the value of such securities could decline during such period. Illiquid investments are subject to various risks, particularly the risk that the Company will be unable to realize its investment objectives by sale or other disposition at attractive prices or otherwise be unable to complete any exit strategy. In some cases, the Company may be prohibited by contract or by law from selling such securities for a period of time or otherwise be restricted from disposing of such securities. Furthermore, the types of investments made may require a substantial length of time to liquidate.

The Company may also make direct investments in publicly-traded securities that have low trading volumes. Accordingly, it may be difficult to make trades in these securities without adversely affecting the price of such securities.

Cash Flow and Revenue

Aberdeen's revenue and cash flow is generated primarily from financing activities, proceeds from the disposition of investments and management fees from Ore. The availability of these sources of income and the amounts generated from these sources are dependent upon various factors, many of which are outside of the Company's direct control. The Company's liquidity and operating results may be adversely affected if its access to the capital markets is hindered, whether as a result of a downturn in the market conditions generally or to matters specific to the Company, or if the value of its investments decline, resulting in losses upon disposition.

Dependence on Management, Directors and Investment Committee

Aberdeen is dependent upon the efforts, skill and business contacts of key members of management, for among other things, the information and deal flow they generate during the normal course of their activities and the synergies that exist amongst their various fields of expertise and knowledge. Accordingly, the Company's success may depend upon the continued service of these individuals who are not obligated to remain consultants to Aberdeen. The loss of the services of any of these individuals could have a material adverse effect on the Company's revenues, net income and cash flows and could harm its ability to maintain or grow existing assets and raise additional funds in the future.

Sensitivity to Macro-Economic Conditions

Due to the Company's focus on the resource industry, the success of Aberdeen's investments is interconnected to the strength of the mining, agriculture and other commodity industries. The Company may be adversely affected by the falling share prices of the securities of investee companies; as Aberdeen's

share prices have directly and negatively affected the estimated value of Aberdeen's portfolio of investments. The Company may also be adversely affected by fluctuations in commodity prices which may dictate the prices at which resource companies can sell their product. The participation and involvement of Aberdeen representatives with investee companies, the related demand on their time and the capital resources required of Aberdeen may be expected to increase in the event of any weaknesses in the macro-economic conditions affecting these companies, as it would be expected that the Company would be required to expend increased time and efforts reviewing strategic alternatives and attracting any funding required for such investee companies. The factors affecting current macro-economic conditions are beyond the control of the Company.

Possible Volatility of Stock Price

The market prices of the Company's common shares have been and may continue to be subject to wide fluctuations in response to factors such as actual or anticipated variations in its results of operations, changes in financial estimates by securities analysts, general market conditions and other factors. Market fluctuations, as well as general economic, political and market conditions such as recessions, interest rate changes or international currency fluctuations may adversely affect the market price of the common shares. The purchase of common shares involves a high degree of risk and should be undertaken only by investors whose financial resources are sufficient to enable them to assume such risks and who have no need for immediate liquidity in their investment. Securities of the Company should not be purchased by persons who cannot afford the possibility of the loss of their entire investment. Furthermore, an investment in the Company should not constitute a major portion of an investor's portfolio.

Trading Price of Common Shares Relative to Net Asset Value

Aberdeen is neither a mutual fund nor an investment fund and due to the nature of its business and investment strategy and the composition of its investment portfolio, the market price of its common shares, at any time, may vary significantly from the Company's net asset value per common share. This risk is separate and distinct from the risk that the market price of the common shares may decrease.

Available Opportunities and Competition for Investments

The success of the Company's operations will depend upon: (i) the availability of appropriate investment opportunities; (ii) the Company's ability to identify, select, acquire, grow and exit those investments; and (iii) the Company's ability to generate funds for future investments. Aberdeen can expect to encounter competition from other entities having similar investment objectives, including institutional investors and strategic investors. These groups may compete for the same investments as Aberdeen, may be better capitalized, have more personnel, have a longer operating history and have different return targets. As a result, the Company may not be able to compete successfully for investments. In addition, competition for investments may lead to the price of such investments increasing that may further limit the Company's ability to generate desired returns. There can be no assurance that there will be a sufficient number of suitable investment opportunities available to invest in or that such investments can be made within a reasonable period of time. There can be no assurance that the Company will be able to identify suitable investment opportunities, acquire them at a reasonable cost or achieve an appropriate rate of return. Identifying attractive opportunities is difficult, highly competitive and involves a high degree of uncertainty. Potential returns from investments will be diminished to the extent that the Company is unable to find and make a sufficient number of investments.

Share Prices of Investments

Investments in securities of public companies are subject to volatility in the share prices of the companies. There can be no assurance that an active trading market for any of the subject shares is sustainable. The trading prices of the subject shares could be subject to wide fluctuations in response to various factors beyond Aberdeen's control, including, quarterly variations in the subject companies' results of operations, changes in earnings, results of exploration and development activities, estimates by analysts, conditions in the resource industry and general market or economic conditions. In recent years equity markets have experienced extreme price and volume fluctuations. These fluctuations have had a

substantial effect on market prices, often unrelated to the operating performance of the specific companies. Such market fluctuations could adversely affect the market price of the Company's investments.

Additional Financing Requirements

The Company anticipates ongoing requirements for funds to support its growth and may seek to obtain additional funds for these purposes through public or private equity, or debt financing. There are no assurances that additional funding will be available at all, on acceptable terms or at an acceptable level. Any additional equity financing may cause shareholders to experience dilution, and any debt financing would result in interest expense and possible restrictions on the Company's operations or ability to incur additional debt. Any limitations on the Company's ability to access the capital markets for additional funds could have a material adverse effect on its ability to grow its investment portfolio.

No Guaranteed Return

There is no guarantee that an investment in the Company's securities will earn any positive return in the short term or long term. The task of identifying investment opportunities, monitoring such investments and realizing a significant return is difficult. Many organizations operated by persons of competence and integrity have been unable to make, manage and realize a return on such investments successfully. In addition, past performance provides no assurance of future success.

Management of Aberdeen's Growth

Significant growth in the business, as a result of acquisitions or otherwise, could place a strain on the Company's managerial, operational and financial resources and information systems. Future operating results will depend on the ability of senior management to manage rapidly changing business conditions, and to implement and improve the Company's technical, administrative and financial controls and reporting systems. No assurance can be given that the Company will succeed in these efforts. The failure to effectively manage and improve these systems could increase costs, which could have a materially adverse effect on the Company's operating results and overall performance.

Due Diligence

The due diligence process undertaken by the Company in connection with investments may not reveal all facts that may be relevant in connection with an investment. Before making investments, the Company conducts due diligence that it deems reasonable and appropriate based on the facts and circumstances applicable to each investment. When conducting due diligence, the Company may be required to evaluate important and complex business, financial, tax, accounting, environmental and legal issues. Outside consultants, legal advisors, accountants and investment banks may be involved in the due diligence process in varying degrees depending on the type of investment. Nevertheless, when conducting due diligence and making an assessment regarding an investment, the Company relies on resources available, including information provided by the target of the investment and, in some circumstances, third-party investigations. The due diligence investigation that is carried out with respect to any investment opportunity may not reveal or highlight all relevant facts that may be necessary or helpful in evaluating such investment opportunity. Moreover, such an investigation will not necessarily result in the investment being successful.

Exchange Rate Fluctuations

A significant portion of the Company's investment portfolio could be invested in US dollar denominated investments or other foreign currencies. Changes in the value of the foreign currencies in which the Company's investments are denominated could have a negative impact on the ultimate return on its investments and overall financial performance.

Non-controlling Interests

The Company's investments include debt instruments and equity securities of companies that it does not control. Such instruments and securities may be acquired through trading activities or through

purchases of securities from the issuer. These investments are subject to the risk that the company in which the investment is made may make business, financial or management decisions with which Aberdeen does not agree or that the majority stakeholders or the management of the investee Company may take risks or otherwise act in a manner that does not serve the Company's interests. If any of the foregoing was to occur, the values of the Company's investments could decrease and its financial condition, results of operations and cash flow could suffer as a result.

Commodity Price

Commodity price risk is the risk that the fair values or cash flows associated with the Company's investments will vary due to changes in the prices of a particular commodity, e.g. oil, natural gas liquids, natural gas, agricultural crops or livestock. The Company's investee companies may engage in various programs to mitigate exposure to commodity price risk.

The Company is exposed to commodity price risk in respect of several of its investments since their revenues are dependent on the market price of metallurgical and thermal coal, petroleum, natural gas or agricultural products. The price of these commodities is volatile and subject to fluctuations that may have a significant effect on the ability of the investee companies to meet their obligations, capital spending targets or commitments, and expected operational results which in turn impacts their fair values as recorded by the Company.

The value of Aberdeen's investment portfolio will be significantly affected by changes in the market price of platinum, palladium, rhodium and other commodities. Platinum prices fluctuate substantially and are affected by numerous factors beyond the control of Aberdeen, including levels of supply and demand, inflation and the level of interest rates, the strength of the US dollar and geopolitical events. Such external economic factors are in turn influenced by changes in international investment patterns, monetary systems and political developments.

Platinum, by its nature, is subject to wide price fluctuations and future material price declines will result in a decrease in revenue or, in the case of severe declines that cause a suspension or termination of production, a complete cessation of revenue from these royalties. The platinum market tends to be cyclical, and a general downturn in overall commodity prices could result in a significant decrease in overall revenue. Any such price decline may result in a material and adverse effect on Aberdeen's profitability, results of operation and financial condition.

The agricultural landscape is evolving at an increasingly fast pace as a result of factors including farm and industry consolidation, agricultural productivity and development and climate change. Farm consolidation in developed markets has been ongoing for decades and is expected to continue as grower demographics shift and advancements in innovative technology and equipment enables farmers to manage larger operations to create economies of scale in a lower-margin, more capital-intensive environment. Increased consolidation in the crop nutrient industry has resulted in greater resources dedicated to expansion, research and development opportunities, leading to increased competition in advanced product offerings and innovative technologies. Some of these competitors have greater total resources or are state-supported, which make them less vulnerable to industry downturns and better positioned to pursue new expansion and development opportunities. The advancement and adoption of technology and digital innovations in agriculture and across the value chain has increased and is expected to further accelerate as grower demographics shift and pressures from consumer preference and governments evolve. The development of seeds that require less crop nutrients, development of full or partial substitutes for potash or developments in the application of crop nutrients such as improved nutrient use or efficiency through use of precision agriculture could also emerge, all of which have the potential to adversely affect the demand for potash and results of operations. The prospective impact of potential climate change on our operations and those of our customers and farmers remains uncertain. Some scientists have suggested that the impacts of climate change could include changing rainfall patterns, water shortages, changing sea levels, changing storm patterns and intensities, and changing temperature levels, and that these changes could be severe. These impacts could vary by geographic location. These factors as well as other factors affecting long term demand for our products and services (such as population growth and changes in dietary habits) could adversely impact our strategy, demand for potash and financial performance.

Mining Operations; Operations in Developing Countries

Third Parties Operations

The value of investment's that Aberdeen hold is based on production or development activities by third party property owners and operators. Aberdeen does not participate in the decision making process, as the owners and operators have the power to determine the manner in which the subject properties are exploited, including decisions to expand, continue or reduce production from a property, decisions about the marketing of products extracted from the property and decisions to advance exploration efforts and conduct development of non-producing properties. The interests of third-party owners and operators and those of Aberdeen on the relevant properties may not always be aligned. As an example, it will usually be in the interest of Aberdeen to advance development and production on properties as rapidly as possible in order to maximize near-term cash flow, while third party owners and operators may take a more cautious approach to development as they are at risk on the cost of development and operations.

Exploration, Development and Operating Risks

The exploration for, development, mining and processing of mineral deposits involves significant risks that even a combination of careful evaluation, experience and knowledge may not eliminate. Mining operations generally involve a high degree of risk. The mining operations of African Thunder Platinum (the "Mining Operations") are subject to most of the hazards and risks normally encountered in the exploration, development and production of ore, including unusual and unexpected geology formations, rock bursts, cave-ins, flooding and other conditions involved in the drilling and removal of material, any of which could result in damage to, or destruction of, mines and other producing facilities, damage to life or property, environmental damage and possible legal liability.

Mineral exploration is highly speculative in nature. There is no assurance that exploration efforts will be successful. Even when mineralization is discovered, it may take several years until production is possible, during which time the economic feasibility of production may change. Substantial expenditures are required to establish proven and probable mineral reserves through drilling. Because of these uncertainties, no assurance can be given that exploration programs will result in the establishment or expansion of mineral resources or mineral reserves. There is no certainty that the expenditures made by PLASA towards the search and evaluation of mineral deposits will result in discoveries or development of commercial quantities of ore.

Limited Access to Operations Information

As a shareholder, Aberdeen has limited access to data on the operations of investees and to the actual properties themselves. The limited access to data and disclosure regarding the operations of the properties in which Aberdeen has an interest may restrict Aberdeen's ability to enhance its performance that may result in a material and adverse effect on Aberdeen's profitability, results of operation and financial condition.

In addition, the Company relies on projections of platinum production from the Mining Operations that are prepared by African Thunder and their respective advisors for investment valuation purposes. Differences between estimated and actual future platinum production could result in an adverse effect on Aberdeen's results of operations and financial condition.

Impact of Adverse Developments Related to Subject Properties

The investments that Aberdeen holds are significant to the business and valuation of Aberdeen. Any adverse development affecting the operation of, production from or recoverability of reserves from the African Thunder, unusual and unexpected geologic formations, seismic activity, rock bursts, cave-ins, flooding and other conditions involved in the drilling and removal of material, any of which could result in damage to, or destruction of, mines and other producing facilities, damage to life or property, environmental damage, hiring suitable personnel and engineering contractors, or securing supply agreements on commercially suitable terms, may have a material adverse effect on Aberdeen's profitability, financial condition and results of operations. In addition, Aberdeen has no control over operational decisions made by the third-party owners and operators of these projects. Any adverse decision made by the owners and

operators, including for example, alterations to mine plans or production schedules, may impact the timing and amount of royalty revenue that Aberdeen receives and may have a material adverse effect on Aberdeen's profitability, financial condition and results of operation.

Environmental Risks and Hazards

All phases of the Mining Operations are subject to environmental regulation in the various jurisdictions in which they operate. Environmental legislation is evolving in a manner which will require stricter standards and enforcement, increased fines and penalties for non-compliance, more stringent environmental assessments of proposed projects and a heightened degree of responsibility for companies and their officers, directors and employees. There is no assurance that future changes in environmental regulation, if any, will not adversely affect the Mining Operations. Environmental hazards may exist on the properties that are unknown to the Mining Operations at present which have been caused by previous or existing owners or operators of the properties. African Thunder may become liable for such environmental hazards caused by previous owners or operators of the properties.

Failure to comply with applicable laws, regulations and permitting requirements may result in enforcement actions thereunder, including orders issued by regulatory or judicial authorities causing operations to cease or be curtailed, and may include corrective measures requiring capital expenditures, installation of additional equipment or remedial actions. Parties engaged in mining operations or in the exploration or development of mineral properties may be required to compensate those suffering loss or damage by reason of the mining activities and may have civil or criminal fines or penalties imposed for violations of applicable laws or regulations.

African Thunder's activities are subject to extensive federal, provincial/state and local laws and regulations governing environmental protection and employee health and safety. Environmental legislation is evolving in a manner that is creating stricter standards, while enforcement, fines and penalties for non-compliance are also increasingly stringent. The cost of compliance with changes in governmental regulations has the potential to reduce the profitability of operations. Further, any failure by African Thunder to comply fully with all applicable laws and regulations could have significant adverse effects on African Thunder, including the suspension or cessation of operations.

The mineral properties of Brazil Potash are located in Brazil. As a result, the operations of the company are exposed to various levels of political, economic and other risks and uncertainties associated with operating in a foreign jurisdiction. These risks and uncertainties include, but are not limited to, currency exchange rates; corruption; price controls; import or export controls; currency remittance; high rates of inflation; labour unrest; renegotiation or nullification of existing permits, applications and contracts; tax disputes; changes in tax policies; restrictions on foreign exchange; changing political conditions; community relations; currency controls; and governmental regulations that may require the awarding of contracts of local contractors or require foreign contractors to employ citizens of, or purchase supplies from, a particular jurisdiction. Changes, if any, in mining or investment policies or shifts in political attitudes in Brazil or other countries in which Brazil Potash may conduct business, may adversely affect the operations of the company. Brazil Potash may become subject to local political unrest or poor community relations that could have a debilitating impact on operations and, at its extreme, could result in damage and injury to personnel and site infrastructure.

Government Regulation, Permits and Licences

The exploration and development activities related to the Mining Operations are subject to various laws governing prospecting, development, production, taxes, labour standards and occupational health, mine safety, toxic substance and other matters. Exploration, development and mining activities are also subject to various laws and regulations relating to the protection of the environment. These laws mandate, among other things, the maintenance of air and water quality standards and land reclamation. These laws also place limitations on the generation, transportation, storage and disposal of solid and hazardous waste. Although the Company is not aware that the Mining Operations are not currently carried out in accordance with all applicable rules and regulations, no assurance can be given that new rules and regulations will not be enacted or that existing rules and regulations will not be applied in a manner which could limit or curtail

production or development, mining and milling or that more stringent implementation thereof could have a substantial adverse impact on the Mining Operations.

Government approvals, licences and permits are currently, and will in the future be, required in connection with the Mining Operations. To the extent such approvals are required and not obtained, the Mining Operations may be curtailed or prohibited from proceeding with planned operations, which could have an impact on the business and financial condition of the Company. Failure to comply with applicable laws, regulations and permitting requirements may result in enforcement actions thereunder, including orders issued by regulatory or judicial authorities causing operations to cease or be curtailed.

Amendments to current laws, regulations and permits governing operations and activities of mining companies, or more stringent implementation thereof, could have a material adverse impact on the Mining Operations and cause reduction in levels of production or require abandonment or delays in operations at the Mining Operations.

Permitting

The Mining Operations are subject to receiving and maintaining permits from appropriate governmental authorities. Although the Company believes that the owners and operators of the Mining Operations currently have, or will obtain in due course, all required permits for their respective operations, there is no assurance that delays will not occur in connection with obtaining all necessary renewals of such permits for the existing operations, additional permits for any possible future changes to operations or additional permits associated with new legislation. Prior to any development on any of the properties, permits from appropriate governmental authorities may be required. There can be no assurance that the owners or operators of the Mining Operations will continue to hold all permits necessary to develop or continue operating at any particular property.

Failure to comply with applicable laws, regulations and permitting requirements may result in enforcement actions thereunder, including orders issued by regulatory or judicial authorities causing operations to cease or be curtailed. Parties engaged in Mining Operations may be required to compensate those suffering loss or damage by reason of the mining activities and may be liable for civil or criminal fines or penalties imposed for violations of applicable laws or regulations. Amendments to current laws, regulations and permitting requirements, or more stringent application of existing laws, may have a material adverse impact on the owners or operators of the Mining Operations, resulting in increased capital expenditures or production costs, reduced levels of production at producing properties or abandonment or delays in development of properties.

Dependence on Good Relations with Employees

Production at the Mining Operations depends on the efforts of its employees. There is intense competition for geologists and persons with mining expertise. The ability of African Thunder to hire and retain geologists and persons with mining expertise is key to the Mining Operations. Further, relations with employees may be affected by changes in the scheme of labour relations that may be introduced by the relevant South African governmental authorities. Changes in such legislation or otherwise in African Thunder's relationships with their employees may result in strikes, lockouts or other work stoppages, any of which could have a material adverse effect on the Mining Operations. To the extent these factors cause African Thunder to decide to cease or curtail production at one or more of the properties, such decision could have a material adverse effect on the business and financial condition of the Company.

Uninsured Risks

The mining industry is subject to significant risks that could result in damage to, or destruction of, mineral properties or producing facilities, personal injury or death, environmental damage, delays in mining, monetary losses and possible legal liability. Where African Thunder considers it practical to do so, it maintains insurance in amounts that it believes to be reasonable. Such insurance, however, contains exclusions and limitations on coverage. Accordingly, African Thunder's insurance policies may not provide coverage for all losses related to their business (and specifically do not cover environmental liabilities and losses). The occurrence of losses, liabilities or damage not covered by such insurance policies could have

a material adverse effect on African Thunder's profitability, results of operations and financial condition. To the extent that these factors cause African Thunder to cease or curtail production, such decision could have a material adverse effect on the business and financial condition of the Company.

Land Title

There can be no assurances that there are no title defects affecting the Mining Operations. African Thunder may not have conducted surveys of the claims in which they hold direct or indirect interests; therefore, the precise area and location of such claims may be in doubt. It is possible that the Mining Operations may be subject to prior unregistered liens, agreements, transfers or claims and title may be affected by, among other things, undetected defects. In addition, African Thunder may be unable to operate the Mining Operations as permitted or to enforce its rights with respect to its Mining Operations. To the extent these factors cause African Thunder to decide to cease or curtail production at one or more of the Mining Operations, such decision could have a material adverse effect on the business and financial condition of the Company.

South Africa Country Risks

The Mining Operations are subject to risks normally associated with the conduct of business in South Africa. Risks may include, among others, problems relating to power supply, labour disputes, delays or invalidation of governmental orders and permits, corruption, uncertain political and economic environments, civil disturbances and crime, arbitrary changes in laws or policies, foreign taxation and exchange controls, opposition to mining from environmental or other non-governmental organizations or changes in the political attitude towards mining, limitations on foreign ownership, limitations on repatriation of earnings, infrastructure limitations and increased financing costs. HIV is prevalent in Southern Africa. Employees of African Thunder may have or could contract this potentially deadly virus. The prevalence of HIV could cause substantial lost employee man-hours and may make finding skilled labour more difficult. The above risks may limit or disrupt African Thunder's business activities. The Mining Operations must remain compliant with the Mining Charter and the Black Economic Empowerment ("BEE") participation requirements. However, no assurance can be given that African Thunder will be able to meet the objectives of the Mining Charter going forward, including the 26% historically disadvantaged South Africans ownership objective. There is also no guarantee that the interests of African Thunder will be wholly aligned with the interests of its (direct or indirect) BEE shareholders.

Brazil Country Risks

The mineral properties of Brazil Potash are located in Brazil. As a result, the operations of the company are exposed to various levels of political, economic and other risks and uncertainties associated with operating in a foreign jurisdiction. These risks and uncertainties include, but are not limited to, currency exchange rates; corruption; price controls; import or export controls; currency remittance; high rates of inflation; labour unrest; renegotiation or nullification of existing permits, applications and contracts; tax disputes; changes in tax policies; restrictions on foreign exchange; changing political conditions; community relations; currency controls; and governmental regulations that may require the awarding of contracts of local contractors or require foreign contractors to employ citizens of, or purchase supplies from, a particular jurisdiction. Changes, if any, in mining or investment policies or shifts in political attitudes in Brazil or other countries in which Brazil Potash may conduct business, may adversely affect the operations of the company. Brazil Potash may become subject to local political unrest or poor community relations that could have a debilitating impact on operations and, at its extreme, could result in damage and injury to personnel and site infrastructure. Failure to comply with applicable laws and regulations may result in enforcement actions and include corrective measures requiring capital expenditures, installing of additional equipment or remedial actions. Parties engaged in mining operations may be required to compensate those suffering loss or damage by reason of mining activities and may have civil or criminal fines or penalties imposed for violations of applicable laws or regulations.

Novel Coronavirus ("COVID-19")

The Company's operations could be significantly adversely affected by the effects of a widespread global outbreak of a contagious disease, including the recent outbreak of respiratory illness caused by

COVID-19. The Company cannot accurately predict the impact COVID-19 will have on its operations and the ability of others to meet their obligations with the Company, including uncertainties relating to the ultimate geographic spread of the virus, the severity of the disease, the duration of the outbreak, and the length of travel and quarantine restrictions imposed by governments of affected countries. In addition, a significant outbreak of contagious diseases in the human population could result in a widespread health crisis that could adversely affect the economies and financial markets of many countries, resulting in an economic downturn that could further affect the Company's operations and ability to finance its operations.

MULTILATERAL INSTRUMENT 52-109 DISCLOSURE

Evaluation of disclosure controls and procedures

The Company maintains disclosure controls and procedures designed to ensure that information required to be disclosed in annual filings, interim filings or other reports filed or submitted under provincial and territorial securities legislation, and that such information is accumulated and communicated to management, including the Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosures.

We have evaluated the effectiveness of our disclosure controls and procedures and have concluded, based on our evaluation that they are sufficiently effective to provide reasonable assurance that material information relating to the Company is made known to management and disclosed in accordance with applicable securities regulations.

Internal controls over financial reporting

The Chief Executive Officer (CEO) and Chief Financial Officer (CFO), together with other members of Management, have designed internal controls over financial reporting based on the Internal Control–Integrated Framework set forth by the Committee of Sponsoring Organizations of the Treadway Commission (COSO - 1992). These controls are intended to provide reasonable assurance regarding the reliability of financial reporting and the preparation of annual audited financial statements in accordance with IFRS.

We have not identified any changes to our internal control over financial reporting which would materially affect, or is reasonably likely to materially affect, our internal control over financial reporting.

The CEO and CFO, together with other members of Management, have evaluated the effectiveness of internal controls over financial reporting as defined by National Instrument 52-109, and have concluded, based on our evaluation that they are operating effectively as at April 30, 2022.

SUPPLEMENT TO THE ANNUAL AUDITED FINANCIAL STATEMENTS

As at June 13, 2022 the following common shares, common share purchase warrants, restricted share units ("RSUs") and deferred share units ("DSUs") were vested / issued and outstanding:

- 137,172,282 common shares;
- 8,000,000 share purchase warrants with an exercise price of \$0.07, expiring on July 31, 2022,
- 4,350,000 RSUs of which 4,350,000 have vested; and
- 6,565,000 A&R stock options with an exercise prices of \$0.13 to \$0.26, expiring on July 29, 2026 to January 10, 2027,
- 5,815,000 A&R DSUs vesting quarterly from October 29, 2021 to July 29, 2022, and
- 800,000 old DSU with not fixed vesting date.