

# **AFR NuVenture Resources Inc.**

## **MANAGEMENT'S DISCUSSION AND ANALYSIS**

For the year ended May 31, 2025

(Expressed in Canadian Dollars)

## **AFR NuVenture Resources Inc. Management's Discussion and Analysis**

The following management's discussion and analysis ("MD&A") of the financial condition and results of the operations of AFR NuVenture Resources Inc. ("AFR" or the "Company") constitutes management's review of the factors that affected the Company's financial and operating performance for the year ended May 31, 2025. This MD&A was written to comply with the requirements of National Instrument 51-102 – Continuous Disclosure Obligations. This discussion dated December 23, 2025 should be read in conjunction with the Company's audited annual consolidated financial statements for the fiscal years ended May 31, 2025 and 2024, together with the notes thereto. Results are reported in Canadian dollars and have been prepared in accordance with International Financial Reporting Standards ("IFRS").

The Company trades on the TSX Venture Exchange under the symbol "AFR". Further information about the Company and its operations can be obtained from the offices of the Company or from the Company's filings on [www.sedarplus.ca](http://www.sedarplus.ca).

### **DESCRIPTION OF BUSINESS**

AFR NuVenture Resources Inc. was incorporated on May 12, 1980 in British Columbia, Canada and is focused on the acquisition, exploration and development of mineral resources. The Company's current primary projects are the Mary Ann's Lake Project located in Cape Breton Island, Nova Scotia and the Massey Nickel/Copper project in Timmins, Ontario. The Company has terminated all other previous projects in which it had an interest.

The Company continues to look for other major projects and businesses to acquire with a view to enhancing shareholder value but will be focused in 2026 on exploration of its two current projects.

### **MINERAL PROPERTIES**

#### **Massey Nickel/Copper – Timmins Ontario**

On April 1, 2025, the Company completed a definitive agreement with an arms' length private company to option a 100% interest in the mining claims located near Timmins, Ontario known as the Massey Nickel Project (the "Property").

The Property, which comprises approximately 2000 hectares, is an exceptional exploration project with a data supported exploration plan already in place. It is situated in the Kamiskotia Complex, host to number of VMS deposits and nickel sulphide zones. The property in the past was incorrectly interpreted to be underlain by a large granite intrusion. Recent geological traverses have established extensive gabbro, host rock for nickel sulphide mineralization and recent prospecting has identified two sulphide occurrences each coincident with VTEM anomalies. Numerous priority VTEM targets have been identified and modelled for drilling by Geotech. The project has quality targets and is drill ready; a work permit has been submitted and approved.

In order to earn a 100% interest in the Property, the Company is required to:

- a. pay a total cash consideration of \$325,000 as follows:
  - i. \$40,000 upon the date of execution of the Definitive Agreement (paid)
  - ii. \$60,000 on the first anniversary date of the Definitive Agreement
  - iii. \$75,000 on the second anniversary date of the Definitive Agreement
  - iv. \$150,000 on the third anniversary date of the Definitive Agreement
- b. Issue a total of 9,500,000 common shares of the Company (the "**Consideration Shares**") as follows:
  - i. 1,000,000 upon the date of execution of the Definitive Agreement (paid)
  - ii. 2,000,000 on the first anniversary date of the Definitive Agreement
  - iii. 3,000,000 on the second anniversary date of the Definitive Agreement
  - iv. 3,500,000 on the third anniversary date of the Definitive Agreement

**AFR NuVenture Resources Inc.  
Management's Discussion and Analysis**

- c. grant a 2.0% net smelter returns royalty ("NSR") on the Property with an option for AFR to re-purchase 50% of the NSR at any time at a price of \$1,000,000.

**Mary Ann's Lake – Cape Breton, Nova Scotia**

The Mary Ann's Lake property, comprising 14 claims, each claim being 16ha for a total area of 224ha (560 acres), captured a blind mineralized zone that was discovered more than 30 years ago. This altered mineralized zone intersected by two short drill holes is up to 80 meters in width and contains very anomalously high silver assays for the local area, with associated copper and lead. The geologic setting is remarkably similar to that of the former operating Stirling Mine. AFR has decades of in-house experience in the Stirling Belt and its mineral potential, which lead to the recent staking of the property.

The Mary Ann's Lake property lies 1,500m southeast of the Stirling mine. The Stirling poly-metallic massive sulphide (VMS) deposit was an important base and precious metals producer in Nova Scotia. The mine operated at different times in the 1930s and the 1950s. It is an example of a volcanogenic deposit setting as the mineralization is associated with felsic volcanism and volcanic-sedimentary rocks, including an exhalative suite consisting of chert, carbonate and talc, along with tuffaceous mudstone/siltstone.

The Sterling deposit consisted of numerous poly-metallic massive sulphide lenses, which taken together, amounted to more than one million tonnes of mined ore grading 6.3% Zn, 1.5% Pb, 0.8% Cu, 74g/t Ag and 1.1g/t Au. Some of the individual ore bodies were very rich with up to 15-20% combined Cu, Pb, and Zn. The Stirling Mine ceased operations in 1956 and, since that time, both the Stirling Mine and the Stirling volcanic belt have been subjected to sporadic exploration activity including many airborne geophysical surveys, which led to little or no ground follow-up. This is for two reasons. Firstly, the Stirling belt is covered by a conductive glacial till which ranges from a few metres up to 20m in thickness. Secondly, there is very little outcrop, and the terrain has thus frustrated, for decades, many prospectors and exploration geologists. An additional discouraging factor is that the known ore deposit at Stirling exhibits weak conductivity, and the ore is known to have a low magnetic susceptibility.

The volcanic-sedimentary setting of the ore horizon itself, occurring in a quartz-carbonate-talc unit, chert and siltstone/mudstone is remarkably similar to that of other settings, such as the Precambrian aged Errington-Vermillion deposits in the Sudbury Basin and another ancient analogue provided by the ore deposits of the Bergslagen district of Sweden.

The Company is planning an exploration program to commence when financing and weather permits.

**Silver Bell - Montana**

On April 26, 2019, the Company entered into an agreement with a related party (who is a director and officer of the Company) whereby the Company may acquire a 51% interest in the Silver Bell - St. Lawrence Gold Project, in the Virginia City Mining District of Montana, USA (the "Project"). On February 17, 2025, by mutual consent, the option agreement was terminated.

**SELECTED ANNUAL INFORMATION**

Year ended May 31	2025	2024	2023
	\$	\$	\$
Net income (loss) for the year	(370,218)	(374,701)	(541,068)
Cash flow used in operating activities	(97,937)	(385,118)	(538,210)
Cash flow from (used in) investing activities	(40,000)	-	31,606
Cash flow from (used in) financing activities	91,563	-	-
Total assets <sup>(1)</sup>	91,744	94,411	469,414
Loss per share (basic and diluted)	0.02	0.02	0.03

(1) As at May 31

**AFR NuVenture Resources Inc.  
Management's Discussion and Analysis**

**SUMMARY OF QUARTERLY RESULTS**

For the eight most recent quarters:

	<b>May 31 2025</b>	<b>February 28 2025</b>	<b>November 30 2024</b>	<b>August 31 2024</b>
	\$	\$	\$	\$
Net income (loss) for the period	(88,506)	(97,517)	(92,839)	(91,356)
Net income (loss) per share (basic and diluted)	(0.01)	(0.00)	(0.00)	(0.00)

  

	<b>May 31 2024</b>	<b>February 29 2024</b>	<b>November 30 2023</b>	<b>August 31 2023</b>
	\$	\$	\$	\$
Net income (loss) for the period	(99,668)	(96,112)	(91,746)	(87,175)
Net income (loss) per share (basic and diluted)	(0.01)	(0.01)	(0.00)	(0.00)

**RESULTS OF OPERATIONS**

The Company's net loss for the year ended May 31, 2025, was \$370,218 or \$0.02 per share (net loss of \$374,701 or \$0.02 per share for the year ended May 31, 2024). Net loss for the year results from general and administration expenditures of \$365,574.

General and administrative expenses of \$365,574 for the year ended May 31, 2025 (\$372,848 for the year ended May 31, 2024) included costs associated with the promotion, financing and regulatory compliance activities of the Company, and the Company's overhead, as noted below.

For the years ended May 31	<b>2025</b>	2024
	\$	\$
Consulting, management and directors' fees (note 5)	<b>282,000</b>	282,546
Professional fees (legal & audit)	<b>27,269</b>	28,474
Shareholder communications, advertising and promotion	<b>19,552</b>	22,262
Rent	<b>20,388</b>	21,696
Insurance	<b>11,385</b>	16,676
Travel	<b>576</b>	2,138
Other	<b>4,404</b>	1,940
	<b>365,574</b>	382,291

The Company's net loss for the three months ended May 31, 2025, was \$88,506 or \$0.01 per share (net loss of \$99,668 or \$0.01 per share for the three months ended May 31, 2024). Net loss for the year results from general and administration expenditures of \$88,506.

**LIQUIDITY AND CAPITAL RESOURCES**

As at May 31, 2025 and December 23, 2025, the Company had no sources of operating cash flows. The Company will therefore require additional funding which, if not raised, would result in the curtailment of activities and project delays. As at May 31, 2025, the Company had a working capital deficit of \$297,168 (a working capital surplus of \$26,487 as at May 31, 2024) and has an accumulated operating deficit of \$32,494,567. The Company's ability to continue as a going concern is uncertain and is dependent upon its ability to continue to raise adequate financing. There can be no assurances that the Company will be successful in this regard, and therefore, there is substantial doubt regarding the Company's ability to continue as a going concern, and accordingly, the use of accounting principles applicable to a going

## **AFR NuVenture Resources Inc. Management's Discussion and Analysis**

concern. If the going concern assumption is not appropriate, then adjustments to the carrying values of the assets and liabilities, the expenses and the balance sheet classifications, which could be material, would be necessary.

### **FINANCIAL INSTRUMENTS**

The carrying amount of financial instruments approximates fair value. The Company's financial assets include cash, cash equivalents, and accounts receivable. The Company does not consider these assets to be subject to credit risk or interest rate risk.

### **OFF-BALANCE SHEET ARRANGEMENTS**

The Company does not have any off-balance sheet arrangements.

### **PROPOSED TRANSACTIONS**

At the date of this MD&A, there are no proposed transactions.

### **RELATED PARTY TRANSACTIONS**

#### **Compensation of key management and directors**

Key management includes the Chief Executive Officer, the Chief Financial Officer, and directors. Compensation to key management for the year ended May 31, 2025 was \$282,000 (May 31, 2024 - \$282,000). A total of \$248,700 was owing as at May 31, 2025 (May 31, 2024 - \$nil).

### **SHAREHOLDERS' EQUITY**

The authorized share capital of the Company is unlimited shares without par value.

#### **Share capital**

Share capital comprises the following:

	Number of shares	Amount \$
<b>Balance, May 31, 2023 and May 31, 2024</b>	<b>18,038,681</b>	<b>32,030,596</b>
Issuance of common shares	6,171,430	91,000
Issuance of common shares for mineral property	1,000,000	30,000
Share issuance expenses	-	(4,437)
<b>Balance, May 31 2025 and December 23, 2025</b>	<b>25,210,111</b>	<b>32,147,159</b>

#### **Stock options**

The Company has adopted an incentive stock option plan (the "Plan"). The essential elements of the Plan provide that the aggregate number of shares of the Company's share capital issuable pursuant to options granted under the Plan may not exceed 10% of the issued and outstanding shares. Options granted under the Plan may have a maximum term of five years. The exercise price of options granted under the Plan will not be less than the discounted market price of the shares (defined as the last closing market price of the Company's shares immediately preceding the issuance of a news release announcing the granting of the options, less the maximum discount permitted by TSX Venture Exchange Policy) or such other price as may be agreed to by the Company and accepted by the TSX Venture Exchange. All options granted under the Plan will become vested in full upon grant, except options granted to consultants performing investor relations activities, which options are subject to vesting restrictions such that one-quarter of the options shall vest every three months subsequent to the date of the grant of the options. Although the Company is permitted to grant stock options with an exercise price of the discounted market price, the Company does not generally grant stock options with an exercise price less than the market price without discount.

**AFR NuVenture Resources Inc.  
Management's Discussion and Analysis**

The following summary sets out the activity in the Plan:

	Options #	Weighted average exercise price \$
<b>Outstanding, May 31, 2023, May 31, 2024, May 31, 2025 and December 23, 2025</b>	<b>1,800,000</b>	<b>0.09</b>

**Fully diluted share capital**

As of May 31, 2025 and December 23, 2025, the Company had 25,210,111 common shares and 1,800,000 common share stock options outstanding. The number of common shares outstanding on a fully-diluted basis (assuming all of the options are exercised) is 27,010,111.

**SUBSEQUENT EVENTS**

In November and December 2025, Company issued promissory notes secured by a general security agreement whereby the Company granted and created by way of a mortgage, charge, assignment and transfer in favour of the secured parties, a continuing security interest in all of its present property. The amount advanced and owing under the promissory note to date is \$62,183. Unless an Event of Default (defined below) has occurred prior to this time, the Principal Amount, together with a commitment fee of 10% of the Principal Amount (the "Commitment Fee") and any accrued and unpaid interest on such Principal Amount and Commitment Fee (together, the "Indebtedness"), will be due and payable in full on that date which is the earliest to occur of twelve (12) calendar months from the date of initial advance of funds under this Note and the date that is five (5) business days following the closing date for the completion by the Company of a financing or financings involving the issuance of common shares or securities convertible or exchangeable for common shares for aggregate net proceeds to the Company exceeding \$300,000. All payments or prepayments made under the Note shall be made pro rata to the Lenders in proportion to their share of the Principal Amount. The Indebtedness, bears simple interest at the rate of ten (10%) percent per annum, accruing and calculated daily.

**TRENDS, RISKS AND UNCERTAINTIES**

Given the Company's current status as an exploration stage company, there are numerous risk factors that could affect the Company's business prospects and future performance and are detailed in the audited consolidated financial statements and management's discussion and analysis for the year ended May 31, 2025. These risks and uncertainties are not the only ones facing the Company. Additional risks and uncertainties not presently known to the Company, or that the Company currently deems immaterial, may also affect the Company's business prospects and future performance.

**APPROVAL**

The Board of Directors of the Company has approved this Management Discussion and Analysis. Further information is available on the SEDAR website, [www.sedarplus.ca](http://www.sedarplus.ca).

**DATED: DECEMBER 23, 2025**

**ON BEHALF OF THE BOARD OF DIRECTORS OF AFR NUVENTURE RESOURCES INC.**

*"John F. O'Donnell"*

John F. O'Donnell  
President and CEO, Director

*This MD&A contains "forward-looking information" (within the meaning of applicable Canadian securities laws) and "forward-looking statements" (within the meaning of the U.S. Private Securities Litigation Reform Act of 1995). Such statements or information are identified with words such as "anticipate",*

**AFR NuVenture Resources Inc.  
Management's Discussion and Analysis**

*"believe", "expect", "plan", "intend", "potential", "estimate", "propose", "project", "outlook", "foresee" or similar words suggesting future outcomes or statements regarding an outlook. Such statements include, among others, those concerning, the Company's exploration and expenditure plans. Such forward-looking information or statements are based on a number of risks, uncertainties and assumptions which may cause actual results or other expectations to differ materially from those anticipated and which may prove to be incorrect. Assumptions have been made regarding, among other things, management's expectations regarding its ability to raise further financing, to initiate and complete future exploration work as expected and acquire and finance other projects. Actual results could differ materially due to a number of factors, including, without limitation, operational risks in the completion of the Company's future exploration work, technical, safety or regulatory issues. Although the Company believes that the expectations reflected in the forward-looking information or statements are reasonable, prospective investors in the Company's securities should not place undue reliance on forward-looking statements because the Company can provide no assurance that such expectations will prove to be correct. Forward-looking information and statements contained in this MD&A are as of the date of this MD&A and the Company assumes no obligation to update or revise this forward-looking information and statements except as required by law.*