QUANTUM CRITICAL METALS CORP.

(An Exploration Stage Company)

MANAGEMENT DISCUSSION AND ANALYSIS FOR THE THREE MONTH PERIOD ENDED OCTOBER 31, 2025

1. This management's discussion and analysis ("MD&A") is provided to enable the reader to assess material changes in the financial condition and results of operations Quantum Critical Metals Corp. (the "Company" or "Quantum") for the period ended October 31, 2025. This MD&A should be read in conjunction with the condensed consolidated interim financial statements of the Company for the three month period ended October 31, 2025, and the condensed consolidated annual financial statements of the Company for the financial year ended July 31, 2025, prepared in accordance with International Accounting Standard ("IAS") 34, Interim Financial Reporting, as issued by the International Accounting Standards Board ("IASB"). This MD&A complements and supplements but does not form part of the Company's condensed consolidated interim financial statements.

This MD&A contains forward-looking statements. Statements regarding the adequacy of cash resources to carry out the Company's exploration programs and the need for future financing are forward-looking statements. All forward-looking statements, including those not specifically identified herein, are made subject to cautionary language statement on page 12. Readers are advised to refer to the cautionary language when reading any forward-looking statements.

All dollar amounts contained herein are expressed in Canadian dollars unless otherwise indicated. This MD&A has been prepared as of December 29, 2025.

2. Overall Performance

Nature of Business

Quantum was incorporated on August 21, 2006 under the British Columbia Business Corporations Act and is listed on the TSX Venture Exchange ("TSXV") under the symbol "LEAP". The Company's business is the exploration for precious and base mineral resources within Canada. Accumulated operating losses for the Company to date total $12,148,812 (July 31, 2025 – $11,719,200). At October 31, 2025, the Company is considered an exploration stage company. The head office mailing address of the Company is PO Box 31880, Richmond, BC, V7E 0B5.

Results of Operations

The Company is in the mineral exploration business and has no revenues. To date, the funding of the Company's exploration activities has been provided by private and public equity offerings of its shares.

Listing and transfer agent fees for the period ended October 31, 2025 were $31,314 compared with $16,105 for the same period in 2024. Business Consultants for the period ended were $270,224 compared to $40,000 for the same three month period in the prior year due to the additional consultants being engaged for advisory work. Professional fees for this period were $19,514 compared to $16,000 for the same period in the prior year as a result of cost savings for annual audit and tax filings.

Current assets were $569,270 as at October 31, 2025 compared to $1,430,393 as at July 31, 2025. Total current liabilities were $292,091 compared with $467,941 as at July 31, 2025. The Company will need to raise additional capital to maintain capacity beyond nine months and conduct any further exploration. There can be no assurance as to the availability or terms upon which such financing might be available. These circumstances comprise a material uncertainty which may cast significant doubt about the Company's ability to continue as a going concern.

3. EXPLORATION PROPERTIES

General

The Qualified Person(s) responsible for the technical and scientific information contained in this Management Discussion and Analysis (MD&A) is George Yordanov and Melanie Mackay, P.Geo's, and both are consultants with the Company and are considered "qualified persons" as defined by National Instrument 43-101 – Standards of Disclosure for Mineral Projects.

Mayner's Fortune claims, British Columbia

On July 29, 2015, the Company entered into an agreement for the acquisition of the Mayner's Fortune limestone property situated in northwestern British Columbia. The property is located in the Skeena Mining Division approximately 7.5km southwest of Terrace, BC and 4km west of Lakelse Lake on the Lakelse River. Consideration for the acquisition consisted of the issuance of 1,400,000 common shares to two arm's length vendors (issued). Finder's fees of 125,000 common shares were also issued in relation to this transaction to an arm's length party. In 2021, the Company applied for and was granted permits for drilling, blasting and removal of up to 10,000 tonnes of limestone from the property. During the year ended July 31, 2024, $9,768 (2023 - $2,388) in exploration expenditures were incurred for the property. During the year ended July 31, 2025, $1,842 (2024 - $9,768) in exploration expenditures were completed on the property. During the period ended October 31, 2025, $nil in exploration expenditures were incurred for the property.

As at October 31, 2025 and 2024, the Company holds a total of $10,000 in reclamation bonds for the Mayner's Fortune Claims.

Decouverte claims, Quebec

The Company owns a 100% interest in the Decouverte Property situated in Quebec. During the year ended July 31, 2025, $47,125 (2024 - $50,345) in exploration expenditures were completed on the property. During the period ended October 31, 2025, $6,853 in exploration expenditures were incurred for the property.

Nemaska claims/NMX East, Quebec

During the years ended July 31, 2016 and 2015, the Company staked 353 hectares directly adjoining Nemaska Lithium Inc.'s Whabouchi lithium deposit in northern Quebec. The NMX East property has all season road access via the Route Nord and is located within a few kilometres of Nemaska Lithium Inc.'s proposed Whabouchi mining pit. During the year ended July 31, 2025, $72,171 (2024 - $384,144) in exploration expenditures were completed on the property. During the period ended October 31, 2025, the Company acquired a 100% interest in the property in Quebec through a cash payment of $20,000 and incurred $200,402 in exploration expenditures.

Trove claims, Quebec

The Company owns a 100% interest in the Trove property claims in the Windfall Lake area in Quebec. During the year ended July 31, 2025, $nil (2024 - $nil) in capitalized exploration expenditures were completed on the property. The Company previously completed an exploration program on the Trove Property which includes mapping, trenching and drilling on previously identified geochemical and geophysical anomalies. As of July 31, 2023, in accordance with IFRS, the property was written down to $nil as management had no immediate plans to perform any work on the project.

During the period ended October 31, 2025, the Company incurred $nil (2025 - $nil) in exploration expenses.

Chapiteau Rare Earth, Quebec

During the year ended July 31, 2025, the Company acquired a 100% interest in the Chapiteau Rare Earth Property in Quebec through a cash payment of $2,500 (2024 - $nil) and issuance of 100,000 common shares with a fair value of $70,000 (2024 - $nil). During the period ended October 31, 2025, $nil exploration expenditures were incurred for the property.

Copper Properties, Quebec

During the year ended July 31, 2025, the Company acquired a 100% interest in the Copper Properties in Quebec through a cash payment of $5,000 (2024 - $nil) and issuance of 200,000 common shares with a fair value of $140,000 (2024 - $nil). During the period ended October 31, 2025, $nil exploration expenditures were incurred for the property.

BC Minerals, British Columbia

In November 2022, the Company acquired land packages totaling over 2,500 hectares in the Babine copper-gold district of west-central British Columbia. The properties border American Eagle Gold's NAK property. During the year ended July 31, 2025, $6,281 (2024 - $nil) in acquisition costs were incurred for the property as well as $10,359 (2024 - $7,077) in exploration expenditures. During the period ended October 31, 2025, $nil exploration expenditures were incurred for the property.

Babine, British Columbia

During the year ended July 31, 2025, the Company staked the Babine Lake property in British Columbia for cash acquisition costs of $2,157 (2024 - $nil). During the year ended July 31, 2025, $180,834 (2024 - $nil) in exploration expenditures were incurred on the Property. During the period ended October 31, 2025, $45,856 in exploration expenditures were incurred for the property.

Victory, British Columbia

During the year ended July 31, 2025, the Company acquired a 100% interest in the Victory property in British Columbia through a cash payment of $2,500 (2024 - $nil) and issuance of 100,000 common shares with a fair value of $70,000 (2024 - $nil). During the period ended October 31, 2025, $1,488 in exploration expenditures were incurred for the property.

Prophecy, British Columbia

During the year ended July 31, 2025, the Company staked the Prophecy property in British Columbia for cash acquisition costs of $15,511 (2024 - $nil). During the year ended July 31, 2025, $49 (2024 - $nil) in exploration expenditures were incurred on the Property. During the period ended October 31, 2025, $6,062 in exploration expenditures were incurred for the property.

4. Summary of Quarterly Results

	31-Oct	31-Jul	30-Apr	31-Jan	31-Oct	31-Jul	30-Apr	31-Jan
	Fiscal 2026	Fiscal 2025				Fiscal 2024		
Revenues	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Net gain (loss)	$ (429,612)	$ (157,630)	$ (101,644)	$ (73,096)	$ (97,242)	$ (91,004)	$ (94,908)	$ (53,961)
Gain (loss) per share	$ (0.00)	$ (0.00)	$ (0.00)	$ (0.00)	$ (0.00)	$ (0.00)	$ (0.00)	$ (0.00)

Administrative expenses for the quarter ended October 31, 2025, were $429,612, compared to $97,243in the comparable quarter ended October 31, 2025. Listing and transfer agent fees for the period ended October 31, 2025 were $31,314 compared with $16,105 for the same period in 2024 due to the completion of a financing. Business Consultants for the period ended were $270,224 compared to $40,000 for the same three month period in the prior year due to the addition of consultants engaged for advisory services. Professional fees for this period were $19,514 compared to $16,000 for the same period in the prior year as a result of cost savings for annual audit and tax filings. Losses in the quarters above remain consistent with an exploration stage company.

5. Liquidity and Capital Resources

The ability of the Company to meet its obligations as they come due is mainly dependent on its ability to continue to fund operations through equity and/or debt financings. The Company has a cash balance of $481,235 and GST/QST recoverable of $88,035, and working capital of $277,179 as at October 31, 2025.

To undertake any additional exploration and maintain corporate capacity it will be necessary for Quantum to raise money through share issuances, suitable debt financing and/or other financing arrangements. In the meantime, the Company has reduced corporate activity and expenditures to a minimum. While the Company has been successful in raising equity in the past, there can be no guarantee that it will be able to do so in the future. If the Company is unable to obtain the requisite amount of financing, it will be required to continue to defer planned exploration activities and/or and/or sell assets (or and interest in assets) to raise funds, each of which would have a material adverse effect on its business and ability to continue as a going concern. The annual financial statements for the year ended July 31, 2025, do not give effect to the required adjustments to the carrying amounts and classification of assets and liabilities should the Company be unable to continue as a going concern. The Company is actively looking for sources of funding, including the option and/or selling of properties.

Over the past year, global stock markets have experienced volatility and a significant weakening and geo-political turmoil. Governments and central banks have responded with monetary and fiscal interventions to stabilize economic conditions.

The Company's business financial condition and results of operations have been negatively affected by these economic issues and other consequences from various regional conflicts and climate change, including in particular regional forest fires. The duration and impact of the higher inflationary environment, as well as the effectiveness of government and central bank responses, remains unclear at this time however, continued volatility in financial markets will likely have a significant impact on the Company's financial position.

6. Off-Balance Sheet Arrangements

There are no off-balance sheet arrangements to which the Company is committed to as at October 31, 2025.

7. Transactions with Related Parties

The following transactions with related parties have been valued in these financial statements at the exchange amount, which is the amount of consideration established and agreed to by the related parties:

Key management personnel compensation

For the period ended October 31,	2025	2024
Consulting fees with a company controlled by the President of the Company	$ 31,000	$ 31,000
Director's and CFO's accounting fees	7,000	6,000
Director's and geological consulting fees	31,000	4,000
	$ 69,000	$ 40,000

As at October 31, 2025 and 2024, amounts due to related parties were owed to the CEO, CFO and directors of the Company. The amounts due are non-interest bearing, unsecured, and due on demand.

The Company entered into a contract on June 1, 2017 with Steveston Finance Inc., a corporate entity, wholly owned by the President (Marcy Kiesman) of the Company. The contract obligates the Company to pay Steveston Finance Inc. $10,000 per month for management services until terminated. In the case of a change of control, the officer is entitled to an amount equal to $175,000.

The Company entered into a consulting agreement on December 5, 2018 with the CFO of the Company that includes change of control clause. In the case of a change of control, the officer is entitled to an amount equal to twelve times the monthly cash payment. As at October 31, 2025, the monthly cash payment under the agreement is $2,000 per month.

8. Critical Accounting Estimates

The preparation financial statements require management to make certain estimates, judgments and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported expenses during the period. Actual results could differ from these estimates.

Significant assumptions about the future and other sources of estimation uncertainty that management has made at the end of the reporting period, that could result in a material adjustment to the carrying amounts of assets and liabilities if actual results differ from assumptions made, relate to, but are not limited to, the following:

i) The carrying value and the recoverability of the exploration and evaluation assets.
ii) The estimated amounts of reclamation and environmental obligations.

9. Financial Instruments and Other Instruments

The Company's financial instruments consist of cash and cash equivalents, amounts receivable, and accounts payable and accrued liabilities. Unless otherwise noted, it is management's opinion that the Company is not exposed to significant risks arising from exposure to interest rate, currency rate or commodity prices arising from these financial instruments. The fair values of these financial instruments approximate their carrying values due to the relatively short-term maturity of these instruments.

Classification

The Company classifies its financial instruments in the following categories: at fair value through profit and loss ("FVTPL"), at fair value through other comprehensive income (loss) ("FVTOCI"), or at amortized cost. The Company determines the classification of financial assets at initial recognition. The classification of debt instruments is driven by the Company's business model for managing the financial assets and their contractual cash flow characteristics. Equity instruments that are held for trading are classified as FVTPL. For other equity instruments, on the day of acquisition the Company can make an irrevocable election (on an instrument-by-instrument basis) to designate them as at FVTOCI. Financial liabilities are measured at amortized cost, unless they are required to be measured at FVTPL (such as instruments held for trading or derivatives) or the Company has opted to measure them at FVTPL.

The following table shows the classification under IFRS 9:

Financial assets/liabilities	Classification and measurement
Cash, Amounts receivable, Reclamation bond	Amortized cost
Accounts payable and accrued liabilities, due to related parties	Amortized cost

Measurement

Financial assets and liabilities at amortized cost

Financial assets and liabilities at amortized cost are initially recognized at fair value plus or minus transaction costs, respectively, and subsequently carried at amortized cost less any impairment.

Financial assets and liabilities at FVTPL

Financial assets and liabilities carried at FVTPL are initially recorded at fair value and transaction costs are expensed in profit or loss. Realized and unrealized gains and losses arising from changes in the fair value of the financial assets and liabilities held at FVTPL are included in the statements of comprehensive loss in the period in which they arise.

Impairment of financial assets at amortized cost

The Company assesses on a forward-looking basis, the expected credit losses associated with its financial assets carried at amortized cost. The impairment methodology applied depends on whether there has been a significant increase in credit risk. For accounts receivable, the Company applies the simplified approach, which requires expected lifetime losses to be recognised from initial recognition of the receivables.

Derecognition

The Company derecognizes a financial asset only when the contractual rights to the cash flows for the asset expire, or when it transfers the final asset and substantially all the risks and rewards of ownership to another entity.

The Company derecognizes financial liabilities when, and only when, the Company's obligations are discharged, cancelled, or they expire.

The Company's financial instruments are exposed to certain financial risks, including credit risk, interest rate risk, liquidity risk, commodity price risk, and currency risk.

Credit risk

The Company is exposed to credit risk by holding cash. The maximum exposure to credit risk is equal to the carrying value of the financial assets. This risk is minimized by holding the investments in large Canadian financial institutions or with Canadian governments. The Company has minimal accounts receivable exposure, and its various refundable credits are due from Canadian governments and accordingly the Company has minimal credit risk.

9. Financial Instruments and Other Instruments (continued)

Interest rate risk

The Company is exposed to interest rate risk because of fluctuating interest rates. Fluctuations in market rates do not have a significant impact on the Company's operations.

Liquidity risk

Liquidity risk is the risk that the Company is unable to meet its financial obligations as they come due. The Company manages this risk by careful management of its working capital to ensure its expenditures will not exceed available resources. As at October 31, 2025, the Company had a cash balance of $481,235, GST/QST recoverable of $88,035 and working capital of $277,179.

To conduct any exploration in the 2026 year and maintain corporate capacity it will be necessary for Quantum to raise money through share issuances, suitable debt financing and/or other financing arrangements. While the Company has been successful in raising equity in the past, there can be no guarantee that management’s efforts to raise additional funds will be successful.

Commodity price risk

The Company’s ability to raise capital to develop its mineral properties is subject to risks associated with fluctuations in the market prices of precious metals, graphite, base metals, and rare earth elements.

Currency rate risk

The Company’s functional currency is the Canadian dollar. There is no significant foreign exchange risk to the Company. The Company does not engage in any form of derivative or hedging instruments.

10. Risks and Uncertainties

The Company is in the mineral exploration business and as such is exposed to many risks and uncertainties that are not uncommon to other companies in the same type of business. Some of the possible risks include the following:

- The industry is capital intensive and is subject to fluctuations in metal and commodity prices, market sentiment, foreign exchange, and interest rates.

10. Risks and Uncertainties (cont.)

- The Company has a working capital deficiency. The only source of future funds for further exploration programs and to maintain corporate capacity, which are presently available to the Company are the sale of equity capital or the offering by the Company of an interest in its properties. The Company has no assurance that it will be successful in raising additional capital when it is required.

- Any future equity financing by the Company for raising additional capital may result in substantial dilution to the holdings of existing shareholders.

- The Company must comply with environmental regulations governing air and water quality and land disturbance and provide for mine reclamation and closure costs.

- The Company is in the mineral exploration business and as such is exposed to many risks and uncertainties that are not uncommon to other companies in the same type of business. Some of the possible risks include the following:

- The industry is capital intensive and is subject to fluctuations in metal and commodity prices, market sentiment, foreign exchange and interest rates. The duration and impact of the higher inflationary period remains unclear at this time however, continued volatility in financial markets may have a significant impact on the Company's financial position.

- The only source of future funds for further exploration programs, or if such exploration programs are successful for the development of economic ore bodies and commencement of commercial production therein, which are presently available to the Company are the sale of equity capital or the offering by the Company of an interest in its properties to be earned by another party carrying out further exploration or development. The Company has no assurance that it will be successful in raising additional capital when it is required.

- The Company must comply with environmental regulations governing air and water quality and land disturbance and provide for mine reclamation and closure costs.

- The operations of the Company require various licenses and permits from various governmental authorities. There is no assurance that the Company will be successful in obtaining the necessary licenses and permits to continue its exploration activities in the future.

- There is no certainty that the properties which the Company has deferred as assets on its balance sheet will be realized at the amounts recorded.

Should one or more of these risks materialize, or should underlying assumptions prove incorrect, then actual results may vary materially from those described in its forward-looking statements. The Company has not completed a feasibility study on any of its deposits to determine if it hosts a mineral resource that can be economically developed and profitably mined.

11. Outstanding Share Data

Authorized Capital:
Unlimited common shares without par value

Issued Common Shares:	Number
Balance, October 31, 2025	119,897,875
Balance, December 29, 2025	119,897,875

Commitments:

Options: 7,000,000 outstanding as at October 31, 2025 and 7,000,000 as at December 29, 2025

As at December 29, 2025:

a) 119,897,875 common shares were issued and outstanding.

b) Option balances are:
- 200,000 exercisable at $0.10 expiring January 18, 2026
- 2,250,000 exercisable at $0.05 expiring October 23, 2028
- 1,550,000 exercisable at $0.05 expiring October 31, 2027
- 3,000,000 exercisable at $0.12 expiring June 9, 2030

13. Corporate Governance

The Company's Board of Directors follows recommended corporate governance guidelines for public companies to ensure transparency and accountability to shareholders.

The current Board of Directors is comprised of three individuals, three of whom are neither an officer nor employee of the Company and are unrelated and independent from Management. The audit committee is comprised of three directors, two of whom are independent from management.

The audit committee fulfills its role of ensuring the integrity of the reported information through its review of the interim and audited financial statements prior to their submission to the Board of Directors for approval. The audit committee meets with management quarterly to review the financial statements including the MD&A and to discuss other financial, operating and internal control matters.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING INFORMATION

Statements contained in this MD&A that are not historical facts are forward-looking statements (within the meaning of the Canadian securities legislation and the U.S. Private Securities Litigation Reform Act of 1995) that involve risks and uncertainties. Forward-looking statements are frequently, but not always, identified by words such as “expects”, “anticipates”, “believes”, “intends”, “estimates”, “potential”, “possible” or variations of such words and phrases or the negative connotation thereof, or statements that events, conditions or results “will”, “may”, “could” or “should” occur or be achieved. The forward-looking statements may include statements regarding the ability of the Company to raise additional funds to maintain corporate capacity and advance is properties, exploration results and budgets, work programs, capital expenditures, timelines, strategic plans, market price of commodities or other statements that are not statements of fact. Forward-looking statements are statements about the future and are inherently uncertain, and actual achievements of the Company may differ materially from those reflected in forward-looking statements due to a variety of risks, uncertainties and other factors. Although management believes that the expectations represented by such forward-looking information or statements are reasonable, there is significant risk that the forward-looking information or statements may not be achieved, and the underlying assumptions thereto will not prove to be accurate. Important factors that could cause actual results to differ materially from the Company’s expectations include the ability of the Company to raise additional capital in the near term, uncertainties relating to disputes; fluctuations in commodity prices and foreign currency exchange rates; uncertainties relating to interpretation of drill results and the geology; the need to obtain additional financing to develop properties and uncertainties as to the availability and terms of future financing; uncertainties disclosed in other information released by the Company from time to time and filed with the appropriate regulatory agencies and other factors such as those described above and discussed under “Risks and Uncertainties”. For the reasons set forth above, investors should not place undue reliance on forward-looking statements. It is the Company’s policy that all forward-looking statements are based on the Company’s beliefs and assumptions which are based on information available at the time these assumptions are made. The forward-looking statements contained herein are based on information available as at December 29, 2025 and are subject to change after this date. The Company assumes no obligation and has no policy for updating or revising forward-looking information or statements to reflect new events or circumstances, except as may be required under applicable securities laws.