



MANAGEMENT'S DISCUSSION AND ANALYSIS  
QUARTERLY HIGHLIGHTS  
(EXPRESSED IN US DOLLARS)  
FOR THE THREE MONTHS ENDED MARCH 31, 2020

c/o Perrieri Office Suites, Suite 1, C2-302, Level 3, Office Block C, La Croisette,  
Grand Baie, 30517,  
Mauritius Phone: +230 269 4166  
[www.alphaminresources.com](http://www.alphaminresources.com)

## TABLE OF CONTENTS

INTRODUCTION.....	2
OVERVIEW AND OUTLOOK.....	2
KEY OPERATING MILESTONES.....	3
CURRENT COMPANY OBJECTIVES .....	5
SELECTED CONSOLIDATED FINANCIAL INFORMATION.....	5
LIQUIDITY AND CAPITAL RESOURCES .....	7
RELATED PARTY TRANSACTIONS .....	8
INTERNAL CONTROL .....	8
RISK FACTORS .....	8
OTHER MD&A REQUIREMENTS .....	8
USE OF NON-IFRS FINANCIAL PERFORMANCE MEASURES .....	8
FORWARD-LOOKING STATEMENTS .....	10
QUALIFIED PERSON .....	11
APPROVAL .....	11

## INTRODUCTION

This Management's discussion and analysis – quarterly highlights (“Quarterly Highlights”) of the financial position and results of operations of Alphamin Resources Corp. (“Alphamin,” or “the Company”) should be read in conjunction with the unaudited condensed consolidated interim financial statements of the Company and the notes thereto for the three months ended March 31, 2020 and the audited annual consolidated financial statements of the Company as at December 31, 2019. In this discussion and analysis, unless the context otherwise dictates, a reference to the Company refers to Alphamin Resources Corp. and its subsidiaries. Additional information about Alphamin Resources Corp. is available on SEDAR at [www.sedar.com](http://www.sedar.com). This Quarterly Highlights is dated May 29, 2020 and information contained herein is presented as of that date, unless otherwise indicated.

This discussion and analysis contains forward-looking statements. Please refer to the cautionary language under Forward-Looking Statements within this report.

## OVERVIEW AND OUTLOOK

### FINANCIAL AND OPERATIONAL HIGHLIGHTS

- ✓ **Contained tin production of 2,119 tons** – at mid-point of guidance range
- ✓ **Processing recoveries of 71%** - in line with target
- ✓ **Plant throughput up 19%** compared to previous quarter
- ✓ **EBITDA of US\$12,6 million, up 79%** from previous quarter
- ✓ **Excellent safety performance** with zero lost time injuries during the quarter
- ✓ **Q2 2020 production** expected at upper end of previous guidance of **2,400 - 2,600 tons** contained tin
- ✓ **\$31.2m debt reduction** concluded post quarter end concurrently with a \$31m offering of shares
- ✓ **Significant improvement** in debt terms following the restructure including an interest rate reduction and partial debt holiday in 2020

### Production and Financial Summary for the Quarter ended March 2020

Description	Units	Quarter ended March 2020	Quarter ended December 2019	Variance
Tons jigged	Tons	85,060	71,559	19%
Sn Grade	%	3.5	4.9	-28%
Plant Recovery	%	71	64	11%
Payable Tin Produced	Tons	2,119	2,235	-5%
Payable Tin Sold *	Tons	3,860	1,109	248%
EBITDA	\$	12,602,034	7,048,792	79%
AISC **	\$/t sold	12,425	12,566	-1%

\* Revised upwards since announcement on April 3, 2020 as a result of recognizing additional tons sold at the Company's premises, previously considered stock in transit.

\*\* AISC includes \$381 per ton relating to high arsenic content product and \$397 per ton relating to additional logistics costs incurred during the Maiko bridge repair period. Excluding these one-off costs AISC was \$11,649 per ton.

## DESCRIPTION OF THE BUSINESS

Alphamin's primary business to date has been the exploration, evaluation, development and production of tin concentrates from the Bisie Mine Project in the Democratic Republic of the Congo (“DRC”). The

Bisie Tin deposit occurs within Permis de Exploitation (Mining Permit) PE13155, along with 5 research permits granted to Alphamin's DRC-registered subsidiary, Alphamin Bisie Mining SA ("ABM"). ABM is an 80.75% indirect controlled subsidiary of Alphamin, with the remaining 19.25% owned by the DRC government (5%) and the Industrial Development Corporation of South Africa Ltd ("IDC") (14.25%). All tenements are located within the Walikale District, North Kivu Province of the east-central DRC and lie within one of the world's principal gold and tin metallogenic provinces.

## KEY OPERATING MILESTONES

### *Bisie tin mine production*

The Bisie tin mine has continued with its excellent safety record with zero lost-time injuries recorded during the past quarter.

Contained tin production of 2,119 tons was at the midpoint of our previous market guidance. The commissioning of two new remote controlled LHDs (load, haul, dump machines) during February 2020 improved underground loading capacity and this together with the impact of the recently announced new mining method resulted in a 19% increase in run-of-mine material processed. Tin grades are variable depending on where mining is taking place and reduced to 3.5% Sn during Q1 2020, in line with expectations. Underground grades are expected to average 4.0% Sn during the next quarter. The overall plant recovery of 71% was in line with target and 11% above the previous quarter.

Payable tin sales exceeded production as we reduced the on-mine concentrate stockpile during the months of February and March 2020 following the repair of the collapsed bridge on the main access highway which was opened to traffic on 25 January 2020. During the quarter, the Company started selling concentrate from the Company's logistics hub in Logu, North Kivu, some 36km from the mine site.

### **Production Guidance for the next Quarter**

We expect contained tin production at the upper end of our previous guidance range of 2,400 to 2,600 tons for the quarter ending June 2020.

### **Covid-19 Pandemic and Impact on Operations**

The health of our employees is of paramount importance and in this regard the Company has a range of Covid-19 awareness, prevention and other risk mitigation controls in place.

The Covid-19 crisis has seen global disruptions to supply chains. To date, the Company has been able to continue with normal production and concentrate sales activities. The main border crossings relevant to our inbound and outbound activities are still open to freight movement and our concentrate off-take customer is currently able to send product to more than one tin smelter. The situation remains dynamic and any issue impacting critical flow in our supply chain or that would restrict operations, or the availability of the Company's workforce may negatively affect production and sales activities. During this challenging time, it is important that the Company continues producing and selling tin concentrates for the benefit of all our stakeholders, particularly the economy and people of the North-Kivu province, DRC.

The LME tin price currently trades at around \$15,000 per ton compared to the Company's recently released NI 43-101 Technical Report which assumed a price of US\$17,000/t. The tin price outlook remains unpredictable in the current environment.

From a liquidity perspective and basis current production rates, the current tin price should support ongoing production and sales costs and allow the Company to reduce creditors and pursue some value-add initiatives during H2 2020. As set out below a partial debt repayment holiday was secured as part of the debt reprofiling completed on May 15, 2020. The Company continues to focus on achieving its full production targets at the lowest possible unit cost.

### Debt reduction and reprofiling

On May 15, 2020 the Company completed an offering of common shares pursuant to which an aggregate of 312,319,539 common shares were issued (approximately US\$31.01 million) (the "Offering").

Proceeds of the private placement, together with existing cash resources, were applied to a US\$31,2 million debt prepayment in return for improved loan terms as set out below:

	Previous key terms	Post restructure key terms
Interest rate	Libor +14%	Libor +10,5% <sup>1</sup>
Interest payments	\$1,3m per month reducing against capital repayments	\$0,3m per month to December 2020. An average \$0,45m per month during 2021 and reducing from 2022 against capital repayments
Debt capital repayments	\$2,7m per month from July 2020 to June 2023	\$850k per month from July 2020 to Dec 2020 <sup>2</sup> . \$2,1m per month from January 2021 to June 2023
Debt Service Cover Ratio covenant	1,75x	1,5x with waiver to 30 June 2021
Penalty on prepayment	3% payable in cash	1,7% paid in cash
Cash sweep as mandatory payment against loans	30% of excess cash flows	50% of excess cash flows

These revised debt terms reduce Alphamin's estimated break-even tin price, inclusive of debt servicing, by between \$2,000 to \$3,000/t<sup>3</sup> to an estimated \$13,000/t<sup>3</sup> of payable tin produced during 2020 and 2021.

The recently completed private placement proceeds of \$31m has been advanced to the Company's 80,75% subsidiary, ABM, under a temporary shareholders loan which will be satisfied through a rights issue by ABM. Should ABM's 14.25% shareholder, the Industrial Development Corporation of South Africa (IDC), follow its rights to participate in the share issue then that will result in an additional \$5.5m of cash proceeds. If the IDC elects not to follow its rights then the Company's ownership of ABM will increase to 84%.

### Growth initiatives

Following the debt reduction and restructuring, the balance sheet has been strengthened and, subject to tin prices, the Company expects an increase in free cash after mandatory debt service requirements, which should enable it to maintain the critical path towards delivering on growth initiatives.

As part of the Company's two-year strategy to produce approximately 12,000 tons of contained tin per year and proving additional resource and life-of-mine extensions, the following initiatives are planned, subject to available funds:

- A resource drilling plan has been finalised for the Company's Mpama South prospect, located approximately 1.5km south of the current producing Mpama North mine. The resource drilling campaign is planned at \$0,4 million per month and expected to commence in H2 2020 for 6 months.
- A fine tin recovery plant conceptual study has been completed, which indicates the potential to increase overall plant recoveries from the current design and improve payable tin production. The capital expenditure is estimated at ~\$4m over 9 months.
- Underground extensional drilling at the Company's Mpama North mine is planned for 2021 to extend the life-of-mine.

- Access roads to highly prospective exploration targets adjacent to the existing mining permit area are being planned for 2020/2021.

## CURRENT COMPANY OBJECTIVES

The current Company objectives are:

1. Increase production from underground mining to ensure the plant operates at close to maximum capacity
2. Continue to focus on process plant improvement and debottlenecking to increase recoveries and be able to handle higher volumes from underground mining
3. Pursue value add initiatives to maximize plant recovery and add to the life of mine
4. Continue to foster strong relationships with key stakeholders in the DRC, in particular in the local communities of the project affected areas as well as with provincial and national government stakeholders.

## SELECTED CONSOLIDATED FINANCIAL INFORMATION

		Q1 2020	Q1 2019	Variance	Q1 2020	Q4 2019	Variance
Tons processed	t	85,060	-	N/A	85,060	71,559	19%
Tin grade processed	t	3.5%	-	N/A	3.5%	4.9%	-29%
Recoveries	t	71%	-	N/A	71%	64%	11%
Payable tin produced	t	2,119	-	N/A	2,119	2,235	-5%
Payable tin Sold	t	3,860	-	N/A	3,860	1,109	248%
Average tin price achieved	\$/ton	15,553	-	N/A	15,553	17,849	-13%
Revenue *	\$	60,033,303	-	N/A	60,033,303	19,794,174	203%
Off mine costs	\$	(18,902,884)	-	N/A	(18,902,884)	(4,687,549)	303%
Net on mine revenue	\$	41,130,419	-	N/A	41,130,419	15,106,626	172%
On mine operating costs	\$	(13,004,741)	-	N/A	(13,004,741)	(12,995,669)	0%
Administrative costs	\$	(3,632,703)	-	N/A	(3,632,703)	(3,195,586)	14%
Concentrate stock movement (excluding depreciation)	\$	(11,890,941)	-	N/A	(11,890,941)	8,133,421	-246%
EBITDA (on a 100% ownership basis)	\$	12,602,034	-	N/A	12,602,034	7,048,792	79%

Reconciliation of operating profit to EBITDA	Q1 2020	Q4 2019
Operating Profit	-691,347	4,742,073
Adjustments;		
Depreciation, depletion and amortisation	6,693,170	6,097,875
Depreciation in stock movement	5,639,095	(5,889,611)
Borrowing costs in general and administrative	741,499	1,825,915
Share based payments in general and administrative	88,460	89,386
Depreciation in general and administrative	131,157	183,153
EBITDA	12,602,034	7,048,792

Ebitda per share on for the quarter ended March 31, 2020 on an 80.75% basis using a CAD/USD FX rate of 1.41 equates to CAD1.66 cents compared to CAD 0.93 cents in Q42019

MANAGEMENT'S DISCUSSION AND ANALYSIS  
FOR THE THREE MONTHS ENDED MARCH 31, 2020

AISC per ton of payable tin sold		Q1 2020	Q4 2019
		Bisie	Bisie
		Per ton sold	Per ton sold
On mine operating costs	\$	28,528,385	8,057,833
Tons	t	3,860	1,109
On mine cost per ton	\$/t	7,391	7,266
Off mine costs	\$/t	4,897	4,227
Sustaining capex	\$/t	138	1,073
<b>AISC total costs</b>	<b>\$</b>	<b>12,426</b>	<b>12,566</b>

Non recurring offmine costs in Q1 2020	\$/t
Impact of Arsenic	381
Impact of additional logistics	397
Total non recurring offmine costs	777
AISC excluding non recurring costs	11,649

	Q1 2020	Q4 2019	Variance	Q1 2020	Q1 2019	Variance
	<b>REVENUE</b>	60,033,303	19,794,175	203%	60,033,303	-
<b>COST OF SALES</b>	(56,130,829)	(9,782,864)	474%	(56,130,829)	-	N/A
<b>GROSS PROFIT</b>	3,902,474	10,011,311	-61%	3,902,474	-	N/A
<b>General and administrative</b>	(4,593,821)	(5,269,238)	-13%	(4,593,821)	(2,201,714)	109%
<b>Operating (Loss)/Profit</b>	(691,347)	4,742,073	-74%	(691,347)	(2,201,714)	-69%
<b>OTHER</b>						
Warrants	1,545,949	2,270,202	-32%	1,545,949	996,279	55%
Profit on foreign exchange	292,759	(48,620)	-702%	292,759	44,153	563%
Interest expense	(5,225,313)	(3,943,253)	33%	(5,225,313)	-	N/A
Interest income	722	(1,633)	-144%	722	3,269	-78%
<b>Loss before taxes</b>	(4,077,230)	3,018,769	-235%	(4,077,230)	(1,158,013)	252%
Current income tax expense	(600,333)	(227,142)	164%	(600,333)	-	N/A
Deferred tax movement	745,783	8,056,626	-91%	745,783	-	N/A
<b>NET (Loss)/Profit</b>	(3,931,780)	10,848,253	-136%	(3,931,780)	(1,158,013)	240%

**Loss for the three months ended March 31, 2020 ("Q1 2020"), compared to the three months ended March 31, 2019 ("Q1 2019")**

The loss before tax for Q1 2020 was \$4,077,230 compared to a loss for Q1 2019 of \$1,158,013. FY 2020 will be the Company's first full year in production. The first quarter's results include sales of tin concentrate of 3,860 tons of contained tin at an average tin price of \$15,553.

The loss for the period includes a total of non-cash depreciation charge of \$12,463,422 of which \$5,639,095 came through the concentrate stock movement following significant concentrate sales in excess of production.

## MANAGEMENT'S DISCUSSION AND ANALYSIS FOR THE THREE MONTHS ENDED MARCH 31, 2020

Borrowing costs were also up in the quarter due to a \$400,000 debt restructuring fee and increased trader finance interest linked to higher sales values. The amount also includes non-cash amortization of debt raising fees of \$258k.

Sales exceeded production significantly in Q1 2020 as the Company sold down the backlog of tin concentrate which had resulted from the collapse of the Maiko bridge in 2019. Revenue includes a provision of \$3.1m relating to uncertainty around the provisional concentrate assay results being generated from the independent ALS laboratory on site. In late May 2020, a number of batches of smelter assays were received and some large discrepancies have been noted. A significant amount of smelter assays are still outstanding. The Company is engaging with the laboratories on both sides and sending all material variances to an independent umpire.

Cost of sales of \$56.1m was elevated by high levels of arsenic in concentrate sold of approximately \$1.4m and additional logistics costs associated with the transport of concentrate during the Maiko bridge commissioning period of \$1.6m. These costs are not recurring.

General and administrative costs increased from \$2,201,714 in Q1 2019 to \$4,593,821 in Q2 2020. \$1.9m of the difference consists of costs that were capitalized during the development phase now being expensed such as political risk insurance (\$711k) and on-site security, medical and community development costs. The remaining increase is largely due to increases in telecommunications, transport and accommodation and insurance costs.

## LIQUIDITY AND CAPITAL RESOURCES

As at March 31, 2020 the Company had a consolidated cash balance of \$6,875,214 and working capital of (\$8,720,239). Current liabilities as at March 31, 2020 were \$44,356,086, excluding the share warrant liability of \$1,613,133, which cannot result in a cash outflow for the Company. \$23.476m of current liabilities was based on the debt commitments due at quarter end, prior to the debt restructuring completed in May 2020.

As at quarter end the Company had long-term debt of \$98,035,799 (including capitalised interest of \$18,035,799). Following the debt restructuring the debt balance has reduced to \$67.4m post quarter end.

### ***Operating activities***

Cash generated by operating activities for the 3 months ended March 31, 2020 was \$1,280,324 (3 months ended March 31, 2019: cash used of \$1,656,488) after settlement of \$12.6m of trader advances received in Q4, 2020 for concentrates at the mine awaiting the re-opening of the collapsed bridge and a net reduction in creditors of \$3.6m. The positive variance is due to being in active mining operations in Q1, 2020.

### ***Investing activities***

Cash used in investing activities for the 3 months ended March 31, 2020 was \$651,151 (3 months ended March 31, 2019: \$12,673,012).

### ***Financing activities***

The Company raised no new finance in Q1 2020. The Company received net \$987,550 in Q1 2019 as partial proceeds of a private placement that concluded in April 2019.

### ***Liquidity outlook***

The Company has actively managed the liquidity risk by the substantial debt reprofiling and reduction in completed in Q2 2020. Risks remain to the Company's liquidity position largely as a result of the uncertainty created by COVID-19. While break-even levels have reduced substantially post the debt restructure, management continue to assess the feasibility of engaging in value-add initiatives, while continuing to pay down arrear creditors.

## RELATED PARTY TRANSACTIONS

For the quarter ending March 31, 2020, \$9,000 was paid to Adansonia Management Services Limited for corporate secretarial services. Adansonia Management Services Limited is owned by Adansonia Holdings Limited, which is ultimately owned by Brendon Jones and Rudolf Pretorius (Directors of the Company) and Mrs Zain Madarun, Company Secretary. All potential conflicts have been disclosed via the Company's interest register.

\$34,725 was paid to Pangea (Pty) Ltd relating to consulting fees and office rent. CEO and director Maritz Smith and director Boris Kamstra are directors of Pangea.

## INTERNAL CONTROL

In accordance with National Instrument 52-109, Certification of Disclosure in Issuers' Annual and Interim Filings ("NI 52-109"), the Chief Executive Officer and Chief Financial Officer of the Company will file a Venture Issuer Basic Certificate with respect to the financial information contained in the unaudited condensed consolidated financial statements and respective accompanying Management's Discussion and Analysis.

In contrast to the full certificate under NI 52-109, the Venture Issuer Basic Certification does not include representations relating to the establishment and maintenance of disclosure controls and procedures and internal control over financial reporting, as defined in NI 52-109.

## RISK FACTORS

An investment in the securities of the Company is highly speculative and involves numerous and significant risks. Such investment should be undertaken only by investors whose financial resources are sufficient to enable them to assume these risks and who have no need for immediate liquidity in their investment. Prospective investors should carefully consider the risk factors that have affected, and which in the future are reasonably expected to affect, the Company and its financial position. Please refer to the section entitled "Risk and Uncertainties" in the Company's Annual MD&A for the fiscal year ended December 31, 2019, available on SEDAR at [www.sedar.com](http://www.sedar.com) for a description of these risk factors.

## OTHER MD&A REQUIREMENTS

### Outstanding share data

Balance as at;	March 31, 2020	May 29, 2020
Common shares outstanding	866,063,993	1,180,367,816
Warrants issued and outstanding	210,929,346	210,929,346
Options outstanding	12,254,176	12,254,176
Options exercisable	6,235,744	6,235,744

## USE OF NON-IFRS FINANCIAL PERFORMANCE MEASURES

This Quarterly Highlights refers to the following non-IFRS financial performance measures: Earnings before interest, taxes, depreciation and amortization ("EBITDA"), Earnings before interest and taxes ("EBIT"), Adjusted EBITDA, Adjusted Earnings per Share, Net debt, Operating Cost per tonne and All-In Sustaining Cost ("AISC").

These measures are not recognized under IFRS as they do not have any standardized meaning prescribed by IFRS and are therefore unlikely to be comparable to similar measures presented by other issuers. We use these measures internally to evaluate the underlying operating performance

**MANAGEMENT'S DISCUSSION AND ANALYSIS  
 FOR THE THREE MONTHS ENDED MARCH 31, 2020**

of the Company for the reporting periods presented. The use of these measures enables us to assess performance trends and to evaluate the results of the underlying business of the Company. We understand that certain investors, and others who follow the Company's performance, also assess performance in this way.

We believe that these measures reflect our performance and are useful indicators of our expected performance in future periods. This data is intended to provide additional information and should not be considered in isolation or as a substitute for measures of performance prepared in accordance with IFRS.

**EBITDA**

EBITDA provides insight into our overall business performance (a combination of cost management and growth) and is the corresponding flow drivers towards the objective of achieving industry-leading returns. This measure assists readers in understanding the ongoing cash generating potential of the business including liquidity to fund working capital, servicing debt, and funding capital expenditures and investment opportunities. EBITDA is profit before net finance expense, income taxes and depreciation, depletion, and amortization.

**NET DEBT**

Net debt demonstrates how our debt is being managed and is defined as total current and non-current portions of debt and lease liabilities less cash and cash equivalents. As outlined above debt was reduced by \$31.2m post quarter end.

	March 31, 2020	December 31, 2019
Current portion of lease liabilities	1,067,883	531,149
Current portion of debt	23,476,217	16,339,300
Non-current portion of lease liabilities	723,888	1,444,887
Non-current portion of debt	74,559,582	81,696,499
Total debt	99,827,570	100,011,835
Less: cash and cash equivalents	6,875,214	5,941,243
Net debt	92,952,356	94,070,592

**Cash Costs**

This measures the cash costs to produce a ton of payable tin. This measure includes mine operating production expenses such as mining, processing, administration, indirect charges (including surface maintenance and camp), and smelting, refining and freight, distribution and royalties. Cash Costs do not include depreciation, depletion, and amortization, reclamation expenses, capital sustaining, borrowing costs and exploration expenses.

**AISC**

This measures the cash costs to produce a ton of payable tin plus the capital sustaining costs to maintain the mine, processing plant and infrastructure. This measure includes the Cash Cost per ton and capital sustaining costs divided by tons of payable tin produced. All-In Sustaining Cost per ton does not include depreciation, depletion, and amortization, reclamation, borrowing costs and exploration expenses.

Sustaining capital expenditures are defined as those expenditures which do not increase payable mineral production at a mine site and excludes all expenditures at the Company's projects and certain expenditures at the Company's operating sites which are deemed expansionary in nature. The following table reconciles sustaining capital expenditures to the Company's total capital expenditures:

**MANAGEMENT'S DISCUSSION AND ANALYSIS  
 FOR THE THREE MONTHS ENDED MARCH 31, 2020**

	Q1 2020	Q4 2019
Additions to property, plant and equipment	531,149	1,190,000
Sustaining capital expenditures	531,149	1,190,000

## FORWARD-LOOKING STATEMENTS

This Quarterly Highlights contains certain forward-looking statements and information relating to the Company that are based on the beliefs of its management as well as assumptions made by and information currently available to the Company. When used in this document, the words "anticipate", "believe", "estimate", "expect" and similar expressions, as they relate to the Company or its management, are intended to identify forward-looking statements. This Quarterly Highlights may contain forward-looking statements relating to, among other things, guidance for production; total cash costs and all-in sustaining costs, and the factors contributing to those expected results, as well as expected capital expenditures; mineral reserve and mineral resource estimates; grades expected to be mined at the Company's operations; the expected production, costs, economics and operating parameters of the Bisie Project; planned activities for the Company's operations and projects, as well as planned exploration activities; expected production for the Bisie Project; the sufficiency of current working capital and the estimated cost and availability of funding for the continued operation, exploration and development of the Company's properties. Such statements reflect the current views of the Company with respect to future events and are subject to certain risks, uncertainties and assumptions. Many factors could cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements that may be expressed or implied by such forward-looking statements. Such factors include, without limitation: the economic and other effects of the COVID-19 pandemic; significant capital requirements and the availability and management of capital resources; additional funding requirements; price volatility in the spot and forward markets for tin and other commodities; fluctuations in the international currency markets and in the rates of exchange of the currencies of the Democratic Republic of Congo (DRC) and the United States of America (US); discrepancies between actual and estimated production and the costs thereof; between the Company's assays of tin concentrate produced and those performed by refining smelters; between actual and estimated reserves and resources and between actual and estimated metallurgical recoveries; changes in national and local government legislation in the DRC or any other country in which Alphamin currently or may in the future conduct business; taxation; controls, regulations and political or economic developments in the countries in which Alphamin does or may conduct business; the speculative nature of mineral exploration and development, including the risks of obtaining and maintaining the validity and enforceability of the necessary licenses and permits and complying with the permitting requirements of each jurisdiction in which Alphamin operates, including, but not limited to: obtaining the necessary permits for the Bisie Project; the lack of certainty with respect to foreign legal systems, which may not be immune from the influence of political pressure, corruption or other factors that are inconsistent with the rule of law; the uncertainties inherent to current and future legal challenges Alphamin is or may become a party to; diminishing quantities or grades of reserves and resources; competition; loss of key employees; rising costs of labour, supplies, fuel and equipment; actual results of current exploration or reclamation activities; uncertainties inherent to mining economic studies including the Feasibility Study for the Bisie Project; changes in project parameters as plans continue to be refined; accidents; labour disputes; defective title to mineral claims or property or contests over claims to mineral properties; risks, uncertainties and unanticipated delays associated with obtaining and maintaining necessary licenses, permits and authorisations and complying with permitting requirements, including those associated with the environment. In addition, there are risks and hazards associated with the business of mineral exploration, development and mining, including environmental events and hazards, industrial accidents, unusual or unexpected formations, pressures, cave-ins, flooding and losses of processed tin (and the risk of inadequate insurance or inability to obtain insurance to cover these risks), as well as "Risk Factors" included elsewhere in this Quarterly Highlights and Alphamin's public disclosure documents filed on and available at [www.sedar.com](http://www.sedar.com).

## **QUALIFIED PERSON**

Mr. Vaughn Duke Pr.Eng. PMP, MBA, B.Sc. Mining Engineering (Hons.) is a qualified person (QP) under NI 43-101 and has reviewed and approved the scientific and technical information contained in this MD&A. He is a Principal Consultant, Partner and Director of Sound Mining, an independent technical consultant to the Company.

## **APPROVAL**

The Board of Directors of the Company has approved the disclosure contained in this Quarterly Highlights. Readers of this Quarterly Highlights and other filings can review and obtain copies of the Company's filings from SEDAR at [www.sedar.com](http://www.sedar.com) and copies will also be provided upon request.