

Directors:

Directors and Officers as at March 7, 2024:

# **MANAGEMENT DISCUSSION & ANALYSIS**

For the period ended January 31, 2024

Gary Arca Robert Eadie Jordan Estra Salvador Garcia Tanya Lutzke Federico Villaseñor	
Officers:  Executive Chairman, President and Chief Operating Officer - Salvador Garan Chief Financial Officer - Gary Arca Corporate Secretary - Cory Kent Vice-President, Corporate Affairs - K	
Contact Name:	Gary Arca
Contact e-mail address:	garca@starcore.com
TSX Symbol:	SAM

## Form 51-102-F1

# STARCORE INTERNATIONAL MINES LTD.

## MANAGEMENT DISCUSSION & ANALYSIS

For the period ended January 31, 2024

## 1. <u>Date of This Report</u>

This MD&A is prepared as of March 7, 2024.

This Management Discussion and Analysis ("MD&A") should be read in conjunction with the unaudited consolidated financial statements of Starcore International Mines Ltd. ("Starcore", or the "Company") for the period ended January 31, 2024.

Monetary amounts throughout this MD&A are shown in thousands of Canadian dollars, unless otherwise stated.

This MD&A includes certain statements that may be deemed "forward-looking statements". Such statements and information include without limitation: statements regarding timing and amounts of capital expenditures and other assumptions; estimates of future reserves, resources, mineral production and sales; estimates of mine life; estimates of future mining costs, cash costs, mine site costs; estimates of future capital expenditures and other cash needs, and expectations as to the funding thereof; statements and information as to the projected development of certain ore deposits, including estimates of exploration, development and production and other capital costs, and estimates of the timing of such exploration, development and production or decisions with respect to such exploration, development and production; estimates of reserves and resources, and statements and information regarding anticipated future exploration; the anticipated timing of events with respect to the Company's minesite and; statements and information regarding the sufficiency of the Company's cash resources. Such statements and information reflect the Company's views as at the date of this document and are subject to certain risks, uncertainties and assumptions, and undue reliance should not be placed on such statements and information. Many factors, known and unknown could cause the actual results to be materially different from those expressed or implied by such forward looking statements and information. Such risks include, but are not limited to: the volatility of prices of gold and other metals; uncertainty of mineral reserves, mineral resources, mineral grades and mineral recovery estimates; uncertainty of future production, capital expenditures, and other costs; currency fluctuations; financing of additional capital requirements; cost of exploration and development programs; mining risks, risks associated with foreign operations; risks related to title issues; governmental and environmental regulation; and the volatility of the Company's stock price. Investors are cautioned that any such statements are not guarantees of future performance and that actual results or developments may differ materially from those projected in the forward-looking statements.

#### 2. Overall Performance

## Description of Business

Starcore is engaged in exploring, extracting and processing gold and silver through its wholly-owned subsidiary, Compañia Minera Peña de Bernal, S.A. de C.V. ("Bernal"), which owns the San Martin mine in Queretaro, Mexico. The Company is a public reporting issuer on the Toronto Stock Exchange ("TSX"). The Company is also engaged in acquiring mining related operating assets and exploration assets in North America and West Africa directly and through corporate acquisitions. The Company has interests in properties which are exclusively located in Mexico and Canada and Côte D'Ivoire.

#### Financial Highlights for the period ended January 31, 2024:

- Cash and short-term investments on hand is \$3.6 million at January 31, 2024 compared to \$6.4 million at April 30, 2023;
- Gold and silver sales of \$6.8 million for the three months ended January 31, 2024 compared to \$6.2 million for the three months ended January 31, 2023;
- Earnings from mining operations of \$0.8 million for the three months ended January 31, 2024 compared to loss of \$0.6 million for the three months ended January 31, 2023;
- Loss of \$0.2 million for the three months ended January 31, 2024 compared to a loss of \$1.9 million for the three months ended January 31, 2023;
- Equivalent gold production of 2,514 ounces in the three months ended January 31, 2024 compared to production of 2,182 ounces in the three months ended January 31, 2023;
- Mine operating cash cost is US\$1,674/EqOz for the three months ended January 31, 2024 compared to cost of US\$1,793/EqOz for the three months ended January 31, 2023;
- All-in sustaining costs of US\$2,156/EqOz for the nine months ended January 31, 2024, compared to costs of US\$1,973/EqOz for the nine months ended January 31, 2023;
- EBITDA<sup>(1)</sup> of (\$673) for the nine months ended January 31, 2024, compared to (\$999) for the nine months ended January 31, 2023.

## Reconciliation of Net Income to EBITDA(1)

For the period ended January 31,	2024	2023
Net income (loss)	\$ (2,890)	\$ (4,294)
Gain on sale of assets	(37)	-
Unrealized loss on investment	329	164
Income tax expense (recovery)	36	202
Depreciation and depletion	1,889	2,929
EBITDA	\$ (673)	\$ (999)
EBITDA MARGIN <sup>(2)</sup>	(3.5%)	(5.6%)

<sup>(1)</sup> EBITDA ("Earnings before Interest, Taxes, Depreciation and Amortization") is a non-GAAP financial performance measure with no standard definition under IFRS. It is therefore possible that this measure could not be comparable with a similar measure of another Corporation. The Corporation uses this non-GAAP measure which can also be helpful to investors as it provides a result which can be compared with the Corporation market share price.

<sup>(2)</sup> EBITDA MARGIN is a measurement of a company's operating profitability calculated as EBITDA divided by total revenue. EBITDA MARGIN is a non-GAAP financial performance measure with no standard definition under IFRS. It is therefore possible that this measure could not be comparable with a similar measure of another Corporation. The Corporation uses this non-GAAP measure which can also be helpful to investors as it provides a result which can be compared with the Corporation market share price.

#### Recent Events

## Starcore Embarks on Geopolitical Diversification with Côte d'Ivoire Acquisition

Acquisition of EU Gold Mining Inc.

On January 22, 2024, the Company announced that it had closed the Share Exchange Agreement entered into with EU Gold Mining Inc. ("EU Gold"), a private company holding mineral property interests in Côte d'Ivoire, whereby Starcore acquired all of the issued and outstanding shares of EU Gold in exchange for Starcore shares ("the "EU Share Exchange Transaction"). Before the EU Share Exchange Transaction, EU and Starcore had directors and officers in common.

EU Gold shareholders received two (2) common shares of the Company (the "Starcore Shares") for three (3) common shares of EU (the "EU" Shares") held by such EU shareholder (the "Exchange Ratio"). The Company issued 7,883,333 common shares at a fair value of \$0.085 per share for total consideration of \$670. Prior to the acquisition, there were 11,825,000 EU shares.

With the EU Share Exchange Transaction, EU Gold became a wholly-owned subsidiary of the Company, giving the Company the option (the "Option") to acquire from K Mining, an Ivorian gold exploration company in Abidjan, Côte d'Ivoire, all of its right, title and interest in and to the Kimoukro Project (see note 9). The Option calls for the following consideration: (i) payment to K Mining of an aggregate of \$400,000; (ii) issue to K Mining of 8,666,667 shares of Starcore; and (iii) incur an aggregate of US\$3,750,000 of expenditures on the Kimoukro Project (collectively the "Option Price"), in accordance with the following schedule:

- (i) pay \$400,000 to the K Mining as to:
- (a) \$100,000 on or before 12 months from February 17, 2023 (the "Effective Date");
- (b) an additional \$150,000 on or before 24 months following the Effective Date; and
- (c) an additional \$150,000 on or before 36 months following the Effective Date;
- (ii) issue 8,666,667 shares of Starcore to be held in escrow and released as to:
- (a) one-third within 12 months following the Effective Date;
- (b) one-third within 24 months following the Effective Date; and
- (c) the balance of one-third within 36 months following the Effective Date; and
- (iii) incur at least US\$3,750,000 of expenditures on the Kimoukro Project as to:
- (a) at least US\$750,000 on or before 12 months following the Effective Date;
- (b) an additional US\$1,500,000 on or before 24 months following the Effective Date; and
- (c) an additional US\$1,500,000 on or before 36 months following the Effective Date;

The EU Share Exchange Transaction and The Option Agreement were accounted for as an acquisition of assets. The purchase price of \$1,407 has been allocated to the assets acquired based on their relative fair values on the closing date. The purchase price allocation is a result of management's best estimates and assumptions after taking into account all relevant information available. The purchase price has been allocated as follows:

Assets	
Cash and cash equivalents	\$ 410
Amounts receivable	4
Mineral properties (note 9)	999
Total assets	\$ 1,413
Liabilities	
Less: Trade and other payables	\$ 6
Total liabilities	\$ 6
Net assets acquired	\$ 1,407
Net assets consideration	
Shares (16,550,000 shares issued at fair value of \$0.085 per share)	\$ 1,407

Former EU shareholders held approximately 10.9% of the post-acquisition issued and outstanding shares of Starcore after giving effect to the EU Share Exchange Transaction and the issuance of Starcore shares to K Mining as part of the consideration for The Option Agreement. Included in the Starcore shares issued to EU Gold shareholders were 3,000,000 shares of Starcore issued to current and former management and directors of Starcore who held an interest in EU Gold.

The Kimoukro Project is burdened with a 2% Net Smelter Royalty, which Starcore has the right to purchase on the basis of \$1 million for each 1% of royalty.

#### Starcore Launches Work Program on Côte d'Ivoire Project

The Company made the initial visit to the Kimoukro Project by Starcore's exploration team aimed to verify the ground conditions and improve the map of existing mineworks in order to refine Starcore's exploration program and strategy for the project. The reconnaissance confirmed the presence of at least 11 main veins (0.5 to 2 m thick), object of artisanal exploitation. New evidences of mineralization have been found in the southeast part of the permit. Overall, the vein system is recognized over a 1.5 km wide corridor, striking from outside the eastern border of the permit, to the Bandama river. The permit for the west side of the river covers an area that is largely unexplored.

Mineralization at Kimoukro occurs manly in NW-trending sheeted quartz which cross-cuts granodirite, microdiorite, and volcanoclastic meta-sediments. Fresh chip rock samples were collected from few accessible shafts and assayed with handheld XRF returning 7 to 22 g/t Au; one quartz vein sample crossing granodiorite returned an average value of 155 g/t Au. The showing and new findings enlarged the existing anomaly zone from surficial soil samples.

Samples from termite nests were collected in the part of the permit covered by alluvial deposits and sent for assay at the MSA labs in Yamassoukro, the capital of Côte d'Ivoire; assays returned with no significant values.

The artisanal mining activity within the Kimoukro permit remains fairly intense in the middle-north area, where some 80 people are washing soil and working veins on granitic rocks. A large settlement of artisanal miners is located at the East border of the permit and includes milling and washing facilities, other than trenches and shafts to mine mineralized veins. The next phase of exploration at Kimoukro will include the following:

- 1. Geophysical survey to start as soon as possible.
  - Prepare lines: 44 lines, 100 m spaced, oriented N1050, total length of 52 km.
  - IP/Resistivity survey
  - Ground Magnetic survey
- 2. Preparation of access road and camp
- 3. Transport of equipment to Kimoukro; build the camp facility.
- 4. Auger drilling (3000 m initial phase); trenching (2 phases: 600 m + 1000 m).

The initial program will be focused on geochemical sampling with auger drilling and trenching, with the geophysical survey being completed concurrently. "We will commence building the camp and access road to be ready for drilling by mid-April so we can forge ahead and get as much work as we can before the rainy season," said Robert Eadie, CEO of Starcore.

#### **Qualified Person**

The scientific and technical disclosure in this news release has been supervised and approved by Dr. Riccardo Aquè, Ph.D. Eurogeol., a Qualified Person as that term is defined in NI 43-101. He is independent of the Company.

## Starcore Completes 2023 Exploration at its Ajax Property, Golden Triangle Area, British Columbia

The Company has completed the field component of the 2023 exploration program at the 100%-owned Ajax Property located 12 km north of Alice Arm in northwestern B.C. at the southern end of the mineral belt known as the "Golden Triangle". The Company contracted Auracle Geospatial Science Inc. to complete a subsurface structural interpretation and an apparent resistivity study of the Ajax Property using satellite borne radar imaging. This imaging penetrates ground cover and assists in delineating bedrock formations, geological structures and potential mineralizing faults. The results of the work generated several targets that will continue to be explored on the property and used to supplement detailed geological mapping. Field work has focused on the continued discovery of regular, mineralized quartz veins peripheral to the porphyry

system. These veins appear to be what brought early exploration to the property, beginning during the mid-1920's, prior to the discovery of the large molybdenum porphyry system, and present an attractive target for precious metals mineralization.

The 1,718 hectares Ajax property was acquired by Starcore in 2015 through its purchase of Creston Moly Corp. and its subsidiary Tenajon Resources Corp. The property hosts the large Ajax porphyry molybdenum developed prospect that has been tested by 48 drill holes, beginning in the mid 1960's. The secure drill core from the 2005, 2006 and 2007 drilling programs was selectively resampled during the 2023 fieldwork and will be assayed for additional elements including gold, silver, cobalt, tungsten and rhenium. The drill core was also sampled by the British Columbia Geological Survey for critical mineral assays, fluid inclusion and age of mineralization work.

The Ajax property is located approximately 12 km to the south south-east of Dolly Varden Silver, 7 km south of Big Bulk, 17 km east of Goliath Resources Golddigger/Surebet property. The Ajax is located within 1 to 3 km of the Triassic - Jurassic contact, termed the Red Line in this area, near which many of the Golden Triangle's mineralized systems occur.

Ian Webster P.Geo. is the Qualified Person, as defined by National Instrument 43-101, who has reviewed and approved the technical contents of this release.

#### 3. Selected Annual Information

The highlights of financial data for the Company for the two most recently completed financial years are as follows:

Twelve Months Ended	Арі	April 30, 2023		
Revenues	\$	22,907	\$	25,679
Cost of Sales		(22,154)		(20,373)
Earnings from mining operations		753		5,306
Administrative Expenses		(5,148)		(3,878)
Loss on Toiyabe		-		(40)
Gain (loss) on investment		197		(287)
Royalty sale		-		1,600
Loss on sale of investments		(10)		-
Gain on sale of assets		25		-
Income tax (expense)/ recovery		(1,073)		(296)
Total income/ (loss)				
(i) Total income/ (loss)	\$	(5,256)	\$	2,405
(ii) Income/ (loss) per share – basic	\$	(0.10)	\$	0.05
(iii) Income/ (loss) per share – diluted	\$	(0.10)	\$	0.05
Total assets	\$	50,906	\$	52,041
Total long-term liabilities	\$	8,789	\$	8,225

#### 4. Results of Operations

#### Discussion of Acquisitions, Operations and Financial Condition

The following should be read in conjunction with the consolidated financial statements of the Company and notes attached thereto for the period ended January 31, 2024.

#### 4.1 San Martín Mine, Queretaro, Mexico

The San Martin Mine, located approximately 50 km east of the City of Queretaro, State of Queretaro, Mexico, consists of mining concessions covering 13,077 hectares and includes seven underground mining units and four units under exploration. Luismin (now "Goldcorp Mexico") operated the mine from 1993 to January, 2007, when it was purchased by the Company. The Company expects to continue to operate the mine based on the current expected conversion of known resources, and exploration is able to maintain proven and probable reserves replacing those mined with new reserves, such that the total resource remains relatively constant from year to year.

Starcore has staked additional claims near its principal producing gold property, the San Martin gold mine, in Querétaro, Mexico. The geology department has completed a staking initiative that includes new claims to the west of the current mineral rights of the San Martin mine on private property, that holds exploration and development upside.

#### Reserves

The Company released its updated NI 43-101 reserve and resource estimates to April 30,2022 for its San Martin Mine, located in Queretaro State, Mexico, as filed on Aug 26, 2022, prepared by Erme Enriquez. (the "Technical Report"), which is also available on the Company website <a href="www.starcore.com">www.starcore.com</a>. All assumptions are listed at the bottom of the reserve and resource table.

Starcore International Mines, San Martin Mine Mineral Reserves and Resources As of April 30, 2022:

Cotogory		G	rade		Total Contained oz			
Category	Category Tonnes	(g Au/t)	(g Ag/t)	(oz Au)	(oz Ag)	(Au Eq oz)		
Total Proven & Probable	1,348,433	1.74	13	75,353	573,257	82,560		
Total Inferred + Indicated	1,481,770	1.78	14	84,999	643,744	93,092		
<b>Total Ounces Contained</b>	2,830,203	1.76	13	160,352	1,217,001	175,652		

- 1. Reserve and Resource cut-off grades are based on a 1.41 g/t gold equivalent.
- 2. Metallurgical Recoveries of 86% gold and 55% silver.
- 3. Minimum mining widths of 2.0 meters.
- 4. Dilution factor of 20%.
- 5. Gold equivalents based on a 1:79.5 gold:silver ratio.
- 6. Price assumptions of \$1750 per ounce for gold and \$22 per ounce for silver.

Erme Enriquez C.P.G., BSc., MSc., is an independent consultant to the Company. He is a qualified person on the project as required under NI 43-101 and has prepared this technical information.

#### Production

The following table is a summary of mine production statistics for the San Martin mine for the three and nine months ended January 31, 2024 and for the previous year ended April 30, 2023:

(Unaudited)	Unit of measure	Actual results 3 months ended 31-Jan-24	Actual results 9 months ended 31-Jan-24	Actual results 12 months ended 30-Apr-23
Mine production of gold in dore	thousand ounces	2.4	6.4	9.4
Mine production of silver in dore	thousand ounces	12.4	38.2	48.1
Total mine production – equivalent ounces	thousand ounces	2.5	6.9	10.0
Silver to Gold equivalency ratio		86.0	83.8	84.8
Mine Gold grade	grams/tonne	1.58	1.37	1.47
Mine Silver grade	grams/tonne	14.6	14.6	13.5
Mine Gold recovery	percent	89.1%	86.3%	87.1%
Mine Silver recovery	percent	50.3%	48.3%	48.6%
Milled	thousands of tonnes	52.7	168.5	227.8
Mine development, preparation and exploration	meters	1,521	4,572	7,170
Mine operating cash cost per tonne milled	US dollars/tonne	80	74	67
Mine operating cash cost per equivalent ounce	US dollars/ounces	1,674	1,815	1,535
Number of employees/contractors at minesite		246	246	246

During the quarter ended January 31, 2024, the mill operated at a rate of approximately 573 (January 31, 2023: 637) milled tonnes/day. Gold and silver grades during the quarter ending January 31, 2024 were 1.58 g/t and 14.6 g/t, respectively, compared to the prior year quarter ended January 31, 2023 comparable grades of 1.30 g/t and 8.8 g/t, respectively. Overall equivalent gold production from the mine during the period ending January 31, 2024 of 2,514 equivalent ounces was higher than the prior period's quarterly production of 2,182 due to higher ore grades and gold recovery, despite less tonnes processed than the prior period. The production was also better than the previous quarter ended October 31, 2023, where we produced 2,420 equivalent ounces at 1.42 g/t compared to 1.58 g/t this quarter, while tonnes processed was much lower than the previous quarter.

Overall development meters have decreased in the current period, to 1,521 meters, compared to 1,757 meters in the prior period ended January 31, 2023. The development has been consistent with the current calendar period production tonnage budgeted.

Production cash costs of the mine for the period ended January 31, 2024 were lower at US\$1,674/EqOz compared to US\$1,793/EqOz in the prior comparable period ending January 31, 2023 due mainly to higher ounces produced despite lower tonnes milled offset partially by higher per ton costs in the current period. Overall cost per tonne averaged US\$80/t, compared to US\$67/t in the prior period due mainly to higher input costs for labour, electricity and fuel in the current period coupled with higher development costs per meter. The cash costs this quarter were slightly lower than the previous quarter ended October 31, 2023, of US\$1,690/EqOz And cash costs per tonne were higher this quarter compared to the previous quarter of US\$70/t due in part fixed costs over the lower tonnes processed

The mine plan has been developed to ensure the mine is properly developed and mined so as to ensure a constant supply of ore in accordance with currently planned production capacity and ore grades. Changes to the plan that may involve production and capital investment are continually being assessed by management. Currently, the Company is continuing underground exploration in order to identify higher grade ore zones and has allocated an adequate budget to support year-long exploration.

During the quarter ended January 31, 2024, the Company incurred approximately US\$415 in mine capital expenditures, which includes mine development drifting and drilling, machinery and equipment leases and purchases, and construction and tailings dam remediation, compared to US\$333 in the prior comparable quarter ending January 31, 2023.

## 4.2 Property Activity

The Company largely completed its exploration budget for 2023 of up to US\$2 million for its most prolific projects which has been allocated as follows:

- 1. The Company has largely incurred a budget of US\$1 million allocated for the San Martin Mine concession with the following objectives:
  - a. To search for the extension of the San Martin Breccia in the southwest and eastern part of the mine.

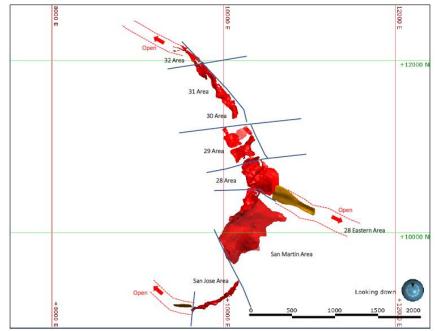


Fig 2) Geological Model San Martin Breccias, representing Eastern and Southern part of the deposit.

b. To confirm the geological potential of the north part of the concessions in the areas of Cerro Azul (North Area)



Fig 3) Claim Map representing Cerro Azul Area.

2. Secondly, the Company has largely incurred its budgeted US\$500,000 for El Creston, including annual concession fees, which is an advanced molybdenum project located in Opodepe, Sonora, Mexico. In the next phase of exploration, the Company will endeavour to confirm the presence of a copper porphyry at depth, which will now include surveys, geophysical studies of magnetometry, and the development of new geological models from existing drillhole data.

3. Lastly, the balance of the exploration budget will be allocated towards new opportunities where Starcore has been invited to participate in potential joint ventures.

Salvador Garcia, B. Eng., a director of the Company and Chief Operating Officer, is the Company's qualified person on the projects as required under NI 43-101 and has prepared the technical information contained above.

#### A. San Martin Mine Activities – Queretaro, Mexico

"We are also continuing the research to recover the gold and silver contained in over one million tonnes of Carbonaceous ore that are present in the mine, but which have not been included in our reserves and resources. As always, we are focused on mining only profitable ounces," stated Salvador Garcia, COO of the company. "As previously disclosed, we have been negotiating the acquisition of a local mining property and are pleased to report that we have commenced the evaluation process to determine the potential of the property. To this end, we have started a full geophysics study to build on the previous information we have on the old works from 30 years ago," further stated Mr. Garcia.

San Martin Production	Q3 2024	Q2 2024	Q/Q Change	<b>YTD 2024</b>	<b>YTD 2023</b>	Y/Y Change
Ore Milled (Tonnes)	52,736	58,019	-9%	168,454	170,990	-1%
Gold Equivalent Ounces	2,514	2,420	4%	6,852	7,559	-9%
Gold Grade (Grams/Ton)	1.58	1.42	12%	1.37	1.48	-7%
Silver Grade (Grams/Ton)	14.57	14.88	-2%	14.56	14.20	3%
Gold Recovery (%)	89.08	85.23	4%	86.27	87.43	-1%
Silver Recovery (%)	50.31	48.81	3%	48.28	48.71	-1%
Gold: Silver Ratio	86.04	83.49		83.80	85.37	

Salvador Garcia, Chief Operating Officer, is the Company's qualified person under NI 43-101, and has reviewed and approved the scientific and technical disclosure on the San Martin Mine disclosed in this MD&A.

#### B. The Kimoukro Gold Project Ivory Coast

## See Section 2.0 - Recent Events - Starcore Launches Work Program on Côte d'Ivoire Project.

The Kimoukro gold project (the "Property") is located in the Lac region of central Ivory Coast, some 40 km south of the capital, Yamoussoukro. The property is easily accessible by the A4 paved road, which crosses the property passing from the Kimoukro village; a mid-tension power grid runs parallel to the road. The area is flat. The vegetation is savannah and little forest; cocoa plantations and small-scale agriculture support the local economy. Artisanal mining is widespread in the area and covers over 1 sq km within the property.

The geological context is of a Paleoproterozoic greenstone belt, part of the Birimian orogeny of West Africa. The Fetekro-Oumé greenstone belt stretches NNE-SSW for over 170 km, and hosts several gold deposits and prospects, with the northeastern portion of the belt is actively explored (i.e., the Toumodi prospect, 15 km west of the property; the B; a new mine will be in production in 2024 (Lafigué mine of Endeavour Mining, with 2.5 MOz Au reserves).

The gold mineralisation in the Fetekro-Oumé greenstone belt includes examples of shear- hosted lode gold, sheeted veins, intrusion-related veins; supergene mineralisation in regolite and soil is also significant. The Property is actually largely unexplored and untested. Highlights from the available information are:

- The local geology is similar to other mineralised sites nearby. The major contacts between greenstone and gneiss, on the west side, along with the presence of syn- post-deformation intrusive bodies and spatially related brittle-ductile structures, are highly perspective for the mineralisation.
- A 0.5 Km2 wide gold anomaly zone in soil exceeding 50 ppb Au, is confirmed in the central part of the Property; the anomaly is part of a broader zone stretching more than 6 Km from the Kokumbo area, and it is open to north and west. Consolidated artisanal mining activity (soil panning) confirms widespread supergene mineralisation.
- Several mineralised veins are being worked by artisanal miners; the mineralised veins are white or smoky, made up by quartz-albite-carbonate; tiny sulphides and free gold have been observed. The veins are present mostly over the granite-granodiorite body in the central part of the Property, however, they cut the other volcano sedimentary units as well. The mylonite zone deforms some early veins and show disseminated sulphides and gold values.

#### Geology

General Setting: The Property area is mainly covered by soil (laterite, saprolite) up to some 10 m thick; locally, a thin alluvial cap is present. The local geology of the Kimoukro Property is therefore sketched on the base of the few outcrops and mining tailings, and accounting for the available geophysical data. Direct information derives almost exclusively from two of the former licenses that were further merged in K Mining SARL.

The local geology is characterised by a sequence of lower greenschist facies rocks of the Paleoproterozoic volcanic arc of the Toumodi volcanic group, including, from the bottom: basalts (massif and pillowed), fine-grained mafic sandstones and siltstones, and interbedded felsic tuffs and mafic sandstone. The sequence is intruded by granitoids, including a siliceous, brecciated granite, a two-micas granodiorite, and some dykes. The southern contact of the granodiorite with the schistose metasedimentary rocks, in the central part of the Property, is marked by a ductile to brittle mylonite zone, which roughly trends WNW. The greenstone belt is surrounded by TTG granites: a granite-gneiss suite representing continental crust, which is found in-between the Birimian greenstone belts.

#### Lithology description

Granitoids referrable to the diorite-tonalite- granodiorite-granites suites (Gn) are present in the north-western and southern part of the Property. These rocks represent the older intrusive suite (pre-orogenic? >2.1Ga), part of the granite-gneiss domains in between the greenstone belts of Ivory Coast.

The other rocks in the Kimoukro Property are part of the Tumodi Volcano-sedimentary sequence and are affected by lower greenschist phase metamorphism. The lithologic units recognized so far are:

<u>Basalts</u> (b): massive, very fine-grained, black to dark grey/greenish mafic rocks, referrable to the basal tholeiitic sequence. The unit crops out in the Bandama river, and trend NNE-SSW. These rocks are intruded by aplitic/granitic dykes, and are cut by quartz veinlets N-S oriented.

<u>Finely-bedded sandstones</u> (FBS): outcrops of this unit are found in few artisanal pits and pebbles from several shafts; accordingly, this unit dominates the central area of the Property. It occurs as fine-grained, greyish to dark green/grey in colour, and has mafic (andesitic?) composition; the stratigraphic layering is well recognizable. A volcanoclastic origin is inferred by petrography study. The bedding strikes between N160 and N15, steeply dipping, and is partially transposed by the concordant S1 foliation. Crenulation cleavage (S2) is observed in outcrop and thin section. Joints and quartz-carbonate veinlets postdate the S2.

<u>Thick bedded andesitic sandstone</u> (TBS): this unit is found in the eastern part of the Property, according to the rejects found at few artisanal mineworks. No direct information is available.

<u>Granitoids</u> (G): This group of rocks intruded the volcanoclastic sequence and thus are interpreted as part of the syn-post orogenic intrusive suites. The description in hand samples and petrography descriptions report weakly deformed, bleached granitoids, with albitic and sericitic (to white mica) static replacement over feldspars; the interpreted protoliths are biotite granodiorites to granites. The alteration overprint postdates the deformation.

Mylonite (M): fine-grained dark grey, foliated rocks which derive from the volcanoclastic units, are found at the granite contact in the central part of the Property. The tectonic fabric in thin section shows ductile to brittle-ductile progressive deformation (i.e., brecciation and brittle shear deforming the mylonite fabric). The last recognized deformation is marked by kinks and brittle structures (i.e., dilation veinlets), and crosscuts all the previous structural features. The position of the mylonite, its general trend (WNW-ESE) and the deformation at the edges within the granite (for the limited observation to date) is compatible with the granitoid (G) emplacement.

#### Structure

A general NNW-SSE trend of the lithologic contacts and main foliation (S1) throughout the Property is inferred from the few field data, the IP survey completed in the central part of the Property, and from the regional magnetic map (historic exploration data) and remote- sensing interpretation available to date. The general trend is NNE-SSW and is parallel to the regional setting of the Fetreko-Oumé greenstone belt. The volcanic and volcanoclastic sequence depict a tight syncline fold, which is in contact with the granite-gneiss domain by means of a regional shear zone to the east (the N'Zi-Brabo shear zone), and a west-verging, steep thrust contact to the west. Splays from the main shear zone crosscut the greenstone belt with inferred sinistral sense of shear. The Kimoukro Property lies on the western flank of the wider syncline fold.

This S1 tectonic grain is deformed by crenulation cleavage (S2) and likely, by large scale gently folding, which in literature, is generally related to strike-slip structures. Some veins seem to be parallel to this foliation; furthermore, the late stages of the deformation are related to brittle-ductile structures (D3 event; S3 planar features), which are mineralised in other deposit of the greenstone belt. These structures, similarly to the brittle-ductile shearing observed in mylonites, are the most prospecting structures for exploration, at the current stage of knowledge.

#### Mineralisation

The gold mineralisation occurs primary as mineralised quartz veins; several veins are exploited by artisanal miners: the trends of the veins observed in the field are NNW-SSE. The veins have similar mineral assemblage:

quartz+albite+carbonate±sericite±sulphides; veinlets are also present. At the vein edges, alteration haloes are usually limited to cm-size; however, the sericite+carbonate±albite replacement is widespread in all the samples studied under microscope. The SEM study revealed also pyrite, galena and sphalerite, occasional native copper and free gold. The latter is also observed in hand samples.

The mineralised veins are found in the cataclastic granitoid (2 mica granodiorite), as well as in the volcanoclastic sequence. Their strike length is unknown, however, a minimum length of few tens of meters is inferred, with potential of more than 100 m. The thickness of the observed exploited veins is between 10 and 50 cm.

Considering the structures inferred from the available geophysics and the mapped veins, the geometry fits a Riedel-type fracturing system related to the mineralisation.

The lab assay results on the few mineralised rock samples analysed, range from 10 to over 30 g/t Au; handheld XRF readings overall confirmed the occurrence of gold and the grade range.

The supergene mineralization is widespread in the lateritic cover, and the saprolite and saprock, which are the main focus of the artisanal mining.

The style of mineralisation is compatible with structurally controlled vein system, likely related to the emplacement and cooling of the granodiorite intrusive. The adjacent Kokumbo deposit, on the other hand, has mineralisation linked to a tonalite intrusive, roughly lying on strike with the Kimoukro mineralisation. A genetic model for the mineralisation at Kimoukro is then not obvious at the current state of knowledge.

The NI 43-101 compliant technical report entitled "Kimoukro Gold Project, Toumodi Department, Côte d'Ivoire" dated July 16, 2023 and authored by Riccardo Aquè and Diego Furesi is filed on <a href="https://www.SEDAR+plus.ca">www.SEDAR+plus.ca</a>. For more related information please visit: <a href="https://www.starcore.com">www.starcore.com</a>.

#### Other

Two of Starcore's directors and officers, namely Robert Eadie and Gary Arca, have an interest in the transaction by being shareholders of EU Gold. The Share Exchange was approved by Starcore's Board of Directors, with the three directors abstaining from voting. The issuance of any shares to insiders will constitute a "related party transaction", as defined under Multilateral Instrument 61-101 ("MI 61-101"). Such participation will be exempt from the formal valuation and minority shareholder approval requirements of MI 61-101 as neither the fair market value of the securities to be issued to the insiders, nor the consideration for the securities, will exceed 25% of Starcore's market capitalization.

## Qualified Person

The scientific and technical disclosure in this news release has been supervised and approved by dr. Riccardo Aquè, Ph.D. Eurogeol., a Qualified Person as that term is defined in NI 43-101. He is independent of the Company.

## **Creston Moly**

On February 19, 2015, the Company acquired all of the shares of Creston Moly from Deloitte Restructuring Inc. in its capacity as trustee in bankruptcy of Mercator Minerals Ltd. at a purchase price of CDN \$2 Million. In June, 2011, Mercator Minerals Ltd. ("Mercator"), a TSX listed company, acquired Creston Moly in a cash and shares deal valuing Creston Moly at approximately \$194 million. BMO Capital Markets, financial advisor to Creston Moly and its Board, provided a fairness

opinion to the effect that the consideration (of \$194 million) was fair, from a financial point of view, to the shareholders of Creston Moly. The most significant asset in this acquisition was the El Creston project in Sonora, Mexico which had been advanced to a completed Preliminary Economic Assessment ("PEA"). Creston Moly is a British Columbia company that owns, through its subsidiaries, a 100% interest in the following properties:

#### C. El Creston Project, Sonora, Mexico<sup>2</sup>

The El Creston molybdenum property is located in the State of Sonora, Mexico, 175 kilometres south of the US Border and 145 kilometers northeast of the city of Hermosillo. In 2010, a PEA was prepared on the property based on zones of porphyrystyle molybdenum ("Mo")/Copper ("Cu") mineralization by an independent consulting firm. The result of this study indicated that the El Creston molybdenum-copper deposit had a US \$561.9million net present value after tax (using an 8% discount rate). The internal rate of return (after tax) was calculated to be 22.3% and a capital cost payback was calculated to be four years. Other highlights of the report include:

- Large moly-copper deposit in a mining-friendly jurisdiction. Total Measured and Indicated Resources of 215 million tonnes grading 0.071% Mo and 0.06% Cu, containing 336 Mlbs Mo and 281 Mlbs Cu. Mineral resources that are not mineral reserves do not have demonstrated economic viability;
- *Initial Capital cost:* US\$655.9million with payback of 4 years, based on metal prices of \$15/lb Mo and \$2.60/lb Cu. Metal recoveries were estimated at 88% for Mo and 84% for Cu;
- Low Operating Cost: operating cost of \$US4.12/lb Mo, net of copper credits, 0.84:1 waste to ore strip ratio within an optimized pit containing an additional 7.6 million tonnes of Inferred Resources responsible for \$20M of the NPV;
- Excellent infrastructure: Road accessible with a 230kV power grid within 50 km;
- Apart from the PEA, recommendations have been made to test known mineralization below the current pit-limiting "Creston Fault" where results such as drill hole EC08-54 returned 241.4m at 0.083% Mo and 0.059% Cu to a depth of 495m in the Red Hill Deep zone.

David Visagie, P.Geo., an independent consultant, is the Company's qualified person under NI 43-101, and has reviewed and approved the scientific and technical disclosure on the El Creston Project disclosed in this report.

#### El Creston Current Activities

The Company released its updated mineral resource estimate and NI 43-101 compliant Technical Report for its El Creston molybdenum project located near Opodepe, Mexico on December 1, 2022. The report entitled "Independent Technical Report for the El Creston Molybdenum Project, Sonora, Mexico" prepared by SRK Consulting (Canada) Inc. ("SRK Consulting") has been filed on SEDAR+ and is also available on the Company's website <a href="www.starcore.com">www.starcore.com</a>. The Technical Report documents a mineral resource statement for the El Creston Project prepared by Dr. Gilles Arseneau, Qualified Person and associate consultant with SRK. It was prepared following the guidelines of the Canadian Securities Administrators' National Instrument 43-101 and Form 43-101F1. Highlights of the report are outlined below.

## Property Description and Ownership

The El Creston Project is located in north-central Sonora State in north-western Mexico. The property is about 145 kilometres ("km") by road north-northeast of Hermosillo, the capital of Sonora State, 5 km southwest of the village of Opodepe. Access from Hermosillo is via Highway 15 north from Hermosillo 70 km to Carbo junction. From the junction, a paved road is followed east for 52 km to Rayon, then north along a well-maintained gravel road for 21 km to the junction with a secondary unpaved road crossing the San Miguel River 5 km south of Opodepe that leads to the Creston Project. The approximate center of the mineral resources described in Section 14 is 29°53'N latitude and 110°39'W longitude.

<sup>&</sup>lt;sup>1</sup> The information in this report relating to the acquisition of Creston Moly by Mercator has been drawn from documents filed under the Creston Moly Corp. issuer profile on SEDAR, more specifically: Creston's Management Information Circular dated May 9, 2011 and filed on SEDAR on May 16, 2011, and Creston's news release of June 6, 2011 as filed on SEDAR on June 7, 2011.

<sup>&</sup>lt;sup>2</sup> The technical information in this MD&A relating to the El Creston Project is based on the technical report entitled "Preliminary Economic Assessment, El Creston Project, Opodepe, Sonora, Mexico", dated December 16, 2010, filed under the Creston Moly Corp. issuer profile on SEDAR on December 20, 2010. Information regarding the effective date of the mineral resources, key assumptions, parameters and methods used to estimate the mineral resources, and known risks that materially affect the mineral resources can be found in the technical report. The PEA provides information on El Creston that is historical and the Company cannot guarantee the accuracy of the data presented therein. The reader is cautioned not to place undue reliance on the historical data or its implications that have been derived from third-party sources. The PEA is referenced herein solely for historic context and background.

The property is comprised of nine concessions covering approximately 11,363 hectares ("ha") wholly owned by Exploraciones Global, S.A. de C.V., a Mexican subsidiary of Starcore. All concessions are subject to a 3% net smelter return ("NSR"). There are no known environmental liabilities to which the project is currently subjected.

#### Geology and Mineralization

Regionally, the area is part of the Basin and Range Province which is an extensional terrain of fault-bounded ranges and intervening valleys in the western United States that extends southward from Nevada and Utah southwards into the states of Sonora and Chihuahua, Mexico. In northern Mexico, this province is bifurcated by the Sierra Madre Occidental, a north-northwest-trending mountain range about 1,200 km long and 200 km to 300 km wide that forms the spine of northern Mexico. The Creston property lies in the western or Sonoran portion of the Basin and Range Province, close to the western flank of the Sierra Madre Occidental.

The predominant lithologies known at El Creston include metamorphic rocks of Precambrian and perhaps Paleozoic age, intrusions of various compositions, dikes, and breccias of Paleozoic and Tertiary age, and Recent conglomerate, talus, and landslide deposits. Phyllites, quartzite, gneisses, and metavolcanic rocks were intruded by the Creston granite, which has a weakly developed gneissic texture. The Creston granite has been altered and mineralized, hosting most of the presently defined molybdenum ("Mo") mineralization in the Main deposit, the older metamorphic rocks intruded by the Creston granite are only locally altered and mineralized.

There are two principal styles of mineralization at the Main deposit: predominantly subvertical quartz-molybdenite-pyrite veinlets hosted by the Creston granite and molybdenite-pyrite within the quartz matrix of magmatic-hydrothermal breccia of the East Breccia body, which cuts the Creston granite. While minor amounts of chalcopyrite accompany the molybdenite mineralization, more significant quantities of copper ("Cu") occur as chalcocite replacements of pyrite within secondary enrichment blankets that parallel present-day topography. Some chalcocite also occurs below the enrichment blankets, primarily along permeable structural zones such as the Ordoñez fault zone.

The currently defined mineralized area occupies a zone about 1,600 metres ("m") in an east-west direction, a maximum of 1,200 m in a north-south direction, and 550 m vertically. The Creston and Ordoñez faults terminate the bulk of the molybdenum mineralization at depth, although some mineralization has been intersected in drillholes below the Creston fault at the Red Hill zone to the south. Mineralization at El Creston includes both molybdenum and copper minerals.

#### **Exploration Status**

The property has been explored extensively in the past. Starcore has not carried out any recent exploration on the property but has announced a \$500,000 US Dollars ("US\$") exploration program for the El Creston Project. In the next phase of exploration the Company will endeavour to confirm the presence of a copper porphyry at depth, which will include surveys, geophysical studies of magnetometry and the development of new geological models from existing drillhole data.

#### Mineral Resource Estimate

The mineral resource model prepared by the QP considers 181 core holes and three reverse circulation holes, Creston Moly Corporation drilled 156 holes during the period of 2007 to 2011, 28 holes were drilled by AMAX between 1974-1975. The resource estimation work was completed by Dr. Gilles Arseneau, P. Geo. (APEGBC #23474) an appropriate "independent Qualified Person" as this term is defined in National Instrument 43-101. The mineral resources have been estimated in conformity with generally accepted CIM "Estimation of Mineral Resource and Mineral Reserves Best Practices" guidelines and are reported in accordance with the Canadian Securities Administrators' National Instrument 43-101.

GEOVIA GEMs<sup>TM</sup> Version 6.8.4 was used to construct the geological solids, prepare assay data for geostatistical analysis, construct the block model, estimate metal grades and tabulate mineral resources. Sage2001 was used to model the variography of copper and molybdenum.

The oxide surface was modelled from a hard boundary between the dominantly oxidized zone near surface and the sulphide mineralization below using a 30% molybdenum oxide limit. A wireframe was used to model the molybdenum mineralization with the Creston granite and the copper mineralization was modelled into high-grade and low-grade domains based on statistical analysis of the assay data. Assay data were capped prior to modelling based on statistical analysis.

Molybdenum values were capped at 0.70% Mo and copper values in the higher-grade zone were capped at 1.0% Cu and 0.45% Cu in the low-grade copper zone. All assays were composited to 3.0 m length within the modelled domains.

Grades were estimated by ordinary kriging inside 10 m by 10 m by 12 m blocks. To determine the quantities of material offering "reasonable prospects for eventual economic extraction" by an open pit, the QP used a pit optimizer and reasonable mining assumptions to evaluate the proportions of the block model (Measured, Indicated and Inferred blocks) that could be "reasonably expected" to be mined from an open pit. The optimization parameters were based on experience and benchmarking against similar projects. Blocks within the resource shell were classified as Measured if they were populated using more than eleven samples at an average distance of less than 80 m and where the probability of the grade exceeding cut-off was more than 90%. Blocks were considered Indicated if they were populated by more than eight samples at an average distance of less than 100 m. All other estimated blocks were classed as Inferred. Based on the above parameters, the QP estimated that the El Creston deposit contained 56.3 million tonnes ("Mt") grading 0.076% Mo and 0.04% Cu in the Measured category, and 142.2 Mt grading 0.067% Mo and 0.08% Cu classified as Indicated mineral resources. There are no blocks classified as Inferred mineral resource within the Whittle optimized pit shell (Table 1.1).

Table 1.1: Mineral Resource Statement at 0.045% Molybdenum Equivalent\*, El Creston Molybdenum Project, Sonora Mexico, SRK Consulting, 30 September 2022:

		Grade		Metal	
Category	Quant	Mo	Cu	Mo	Cu
	(Mt)	(%)	(%)	(Mlb)	(Mlb)
Open Pit**					
Measured	56.3	0.076	0.04	94.3	49.7
Indicated	142.2	0.067	0.08	210.0	250.8
Measured Plus Indicated	198.5	0.069	0.07	304.4	300.5
Inferred	•				

#### Notes:

#### Conclusion and Recommendations

The El Creston Molybdenum Project is an advanced staged exploration property located in Sonora State, Mexico.

The molybdenite mineralization occurs as finely disseminated subhedral crystals 0.1 millimetres ("mm") to 0.8 mm across, embedded in a pervasive, fine-grained quartz-sericite matrix, and as coarsely crystalline molybdenite along the margins of quartz veins. The QP believes that the widely spaced drill sampling is suitably adequate to represent the disseminated and veinlet molybdenum mineralization.

While some molybdenum grades do occur below the Creston fault, the grade estimates were limited to the zone between the oxide boundary and the Creston fault. The QP recommends that Starcore continue to explore the El Creston Project. Specifically, a US\$500,000 exploration surface exploration program is recommended.

"We have always viewed El Creston as an extremely valuable asset, given that it is a copper-moly project," said Robert Eadie, Starcore's CEO. "We are happy that the report has been updated and we are now able to advance the project and share SRK Consulting's findings with our shareholders."

#### E. Opodepe Project, Sonora State, Mexico

The Company announced the start of DDH exploration on its MEZTLI 4 and TEOCUITLA claims located in Opodepe, Sonora, Mexico. This first stage explored five different veins that were discovered after more than eight months of geological works with more than 2000 samples taken. As reported in its news release of August 17, 2021, the Opodepe project represents a three-dimensional prospect for Starcore with possibilities as a moly deposit, or as a property with gold showings, and thirdly as a project with the potential for copper porphyry at depth. These concessions of 11,364 hectares (the MEZTLI 4 claims)

<sup>\*</sup> Mineral resources are reported in relation to a conceptual pit shell. Mineral resources are not mineral reserves and do not have demonstrated economic viability. All figures are rounded to reflect the relative accuracy of the estimate. All composites have been capped where appropriate.

<sup>\*\*</sup> Open pit mineral resources are reported at a cut-off grade of 0.045% Mo EQ. Cut-off grades are based on a price of US\$9.93 per lb of molybdenum and US\$3.50 for copper, recoveries of 88% for molybdenum and 84% for copper were applied.

Starcore International Mines Ltd. MD&A January 31, 2024 Page 16

have never been explored for precious metals. With the acquisition of 3,087 hectares northwest of the MEZTLI 4 claims (the TEOCUITLA concessions), Starcore now has a total of 14,451 hectares to explore, with five veins identified thus far for the initial stage of drilling.

Salvador Garcia, B. Eng., a director of the Company and Chief Operating Officer, is the Company's qualified person on the project as required under NI 43-101 and has prepared the technical information contained above.

#### F. Ajax, British Columbia, Canada<sup>3</sup>

Ajax Molybdenum Property is comprised of 11,718 hectares and is located 13 km north of Alice Arm, British Columbia in northwestern B.C.'s well-known mineralized belt, the "Golden Triangle". The property, measuring 1718.65 hectares in size, was acquired in 2015 through its purchase of Creston Moly Corp. and its subsidiary Tenajon Resources Corp. The Ajax Property, one of North America's largest undeveloped molybdenum deposits occupying a surface area of approximately 600 by 650 metres, is a world class primary molybdenum property in the advanced stage of exploration.

The Ajax property is located approximately 12 km to the southeast of Dolly Varden Silver, 7 km south of Big Bulk and 17 km east of Goliath Resources Golddigger/Surebet property. The Ajax is located within 1 to 3 km of the Triassic - Jurassic contact, termed the Red Line in this area, near which many of the Golden Triangle's mineralized systems occur.

## Exploration

See Section 2.0 – Recent Events for Project Update for current activity

The Company completed an eight-day prospecting, soil and rock chip sampling program on the Ajax Property which hosts the very large Ajax porphyry molybdenum occurrence that has been tested by 48 drill holes, beginning in the mid 1960's. During Starcore's September, 2021 limited field program, rock and soil sampling have revealed the potential for precious and base metal potential beyond the limits of the known molybdenum mineralization.

Three rock samples collected from mineralization exposed in old pits along the south spine of Mt. McGuire, about 1.3 km from the known molybdenum mineralization, assayed up to 4.1 grams per tonne (g/t) silver, 0.23% copper, over limit for analysis method (greater than 100 g/t) tungsten and 794 g/t cobalt. In addition, two quartz veins sampled downslope from these pits assayed over limit (greater than 100 g/t) silver and over limit (greater than 1%) lead and zinc and over limit (greater than 0.2%) bismuth. Mineralization sampled in the vicinity of a documented BC MINFILE occurrence Ida, northeast of Mt. McGuire peak, assayed over limit (greater than 100 g/t) tungsten, 1.1 g/t silver and anomalous molybdenum and copper.

Soil sampling during the 2021 fieldwork identified two areas to the southwest of the known molybdenum mineralization. The North Anomaly, as defined by the 50 ppm molybdenum in soil contour, is 300 metres (m) long by 500 m wide. It trends westerly and is open along strike to the east and west. The South Anomaly is a 700 m long and open up to 500 m wide, eastwest trend of anomalous gold, silver, copper, lead, zinc, cobalt and arsenic in-soil values.

Ian Webster P.Geo. is the Qualified Person, as defined by National Instrument 43-101, who has reviewed and approved the technical contents of this release.

#### G. Scottie Claims Royalty, Canada

Pursuant to the acquisition of Tenajon as part of the Creston Moly acquisition above, the Company acquired a 3% NSR in the Scottie gold claims located in B.C. Starcore and Scottie Resources Corp. ("Scottie") announced that Scottie has acquired the 3% net smelter royalty interest ("NSR") attached to the Summit Lake Property in the Skeena Mining Division of British Columbia from Tenajon Resources Corp., Starcore's wholly-owned subsidiary, in consideration of \$1.6 million. As the NSR was not allocated a value on purchase of Creston, the full amount is shown as a gain on the consolidated statement of operations and comprehensive income (loss) for the year ended April 30, 2022..

<sup>&</sup>lt;sup>3</sup> Technical information in this report relating to the Ajax Project is based on the NI 43-101 Resource Estimate Press Release entitled "Tenajon Announces 75% Increase in Indicated Molybdenum Resources at Ajax Project", dated May 15, 2008 and the technical report entitled "Update of Resource Estimation, Ajax Property, Alice Arm, British Columbia", dated April 18, 2007, both of which are filed under the Tenajon Resources Corp. issuer profile on SEDAR.

#### H. Toiyabe, Nevada, USA

The Company had the rights to a 100% undivided interest in the Toiyabe Gold Project ("Toiyabe") consisting of 165 mining claims located in Lander County, Nevada, United States of America. During the year ended April 30, 2021, the Company entered into a binding agreement with Westward Gold Inc. (formerly IM Exploration Inc.) ("WG") for the assignment of the Company's option to acquire a 100% interest in Toiyabe from the Optionor. As consideration for the transfer of the Company's option to acquire Toiyabe, WG made a cash payment of US\$150,000 and issued the Company 4,100,000 common shares in the capital of WG which were received by our escrow agent and valued at fair market value at date of issue of \$0.19 per share subject to a contractual escrow period of twelve (12) months (currently all of the shares have been released).

## **Impairment of Mining Interest**

In determining the recoverable amounts of the Company's mining interests, the Company's management makes estimates of the discounted future cash flows expected to be derived from the Company's mining properties, costs to sell the mining properties and the appropriate discount rate. The projected cash flows are significantly affected by changes in assumptions about gold's selling price, future capital expenditures, changes in the amount of recoverable reserves, resources, and exploration potential, production cost estimates, discount rates and exchange rates.

## 4.3 Results of Operations

The Company recorded loss for the period ended January 31, 2024 of \$2,890 compared with loss of \$4,294 for the comparative period ended January 31, 2023. The details of the Company's operating results and related revenues and expenses are as follows:

For the nine month period ended January 31,	2024	2023	Variance
Revenues			
Mined ore	\$ 18,992 \$	17,724 \$	1,268
Cost of Sales			
Mined ore	(16,896)	(14,520)	(2,376)
Depreciation and depletion	(1,853)	(2,842)	989
Total Cost of Sales	(18,749)	(17,362)	(1,387)
Earnings from mining operations	243	362	(119)
Financing costs (net)	(45)	(120)	75
Foreign exchange gain	<b>299</b>	183	116
Management and director fees and salaries	(878)	(1,467)	589
Office and administration	(1,025)	(1,261)	236
Professional and consulting fees	(747)	(856)	109
Pre-exploration costs	-	(65)	65
Shareholder relations	(324)	(606)	282
Transfer agent and regulatory fees	(85)	(98)	13
Earnings (loss) before taxes and other losses	(2,562)	(3,928)	1,366
Other losses			
Unrealized loss on investment	(329)	(164)	(165)
Gain on sale of assets	37	-	37
Income taxes			
Current (expense)/recovery	(8)	(444)	436
Deferred (expense)/recovery	(28)	242	(270)
Earnings (loss) for the period	\$ (2,890) \$	(4,294) \$	1,404

Overall, revenue from mining operations increased by \$1,268 for the period ended January 31, 2024 compared to the comparative period ended January 31, 2023. Sales of metals for mining operations for the period ended January 31, 2024 approximated 6,766 ounces of gold and 41,385 ounces of silver sold at average prices in the period of US\$1,975 and US\$23.49 per ounce, respectively. This is a decrease in sale of gold ounces when compared to the prior comparable period ended January

31, 2023 where sales of metal approximated 7,136 ounces of gold and 38,986 ounces of silver, sold at lower average prices of US\$1,789 per ounce for gold and lower average prices of US\$22.05 per ounce for silver.

The total cost of sales above includes non-cash expenses for depreciation and depletion of \$1,853 compared to \$2,842 in the prior comparable period ending January 31, 2023, which is calculated based on the units of production from the mine over the expected mine production as a denominator. This calculation is based solely on the San Martin mine proven and probable reserves and a percentage of inferred resources in accordance with the Company's policy of recognizing the value of expected Resources which will be converted to Proven and Probable Reserves, as assessed by management.

For the nine-month period ending January 31, 2024, the Company had gross profit of \$243 from mine operations compared to gross profit of \$362 for the period ended January 31, 2023. The lower gross profit was due mainly to higher metal production, as explained above, coupled with higher mine operating costs per tonne during this period.

#### Other Items

Changes in other items for the nine-month period ended January 31, 2024, resulted in the following significant changes from the period ended January 31, 2023:

- Management fees and salaries decreased by \$589 due to managements agreement to defer 25% of the amounts payable
  on their contracts and to clawback of the accrual of RSU/DSU expenses based on the lower market price applied to
  allocations in fiscal 2023;
- Foreign exchange gain increased by \$116 for the period ended January 31, 2024. The increase relates primarily to the fluctuations of the Mexican peso and Canadian dollar in relation to the US dollar, the functional currency of the mining operations, and may be realized or unrealized at the period end;
- Professional and consulting fees decreased by \$109 to \$747 for the period ended January 31, 2024. Professional fees relate primarily to charges in relations to legal, tax and audit fees and decreased mainly due to additional corporate activity and the acquisition of claims in the Opodepe Project in fiscal 2022;
- Shareholder relations decreased by \$282 in the current period due to a decrease in marketing expenses associated with European markets;
- Deferred Income Tax ("DIT") expense increased by \$270 due mainly to the difference in asset base of the underlying amounts that determine the temporary differences from year to year and utilization of losses in the prior period against taxable income. Current income tax expense for the period ending January 31, 2023 of \$444 relates to a reassessment of 2013 income taxes by Mexican Tax Authorities. While management believed the expenditures disallowed were proper, the reassessment was paid to avoid further penalties and interest while the Company reviews further action.

#### All-in Sustaining Costs

In conjunction with a non-GAAP initiative being undertaken within the gold mining industry, the Company has adopted an "all-in sustaining cash cost" ("AISC") non-GAAP performance measure that the Company believes more fully defines the total costs associated with producing gold; however this performance measure has no standardized meaning. As the measure seeks to reflect the full cost of equivalent gold production from current mining operations, new project capital is not included in the calculation. This measure includes San Martin mining operations coupled with related capital costs. Accordingly it 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 GAAP. The Company reports this measure on a sales basis based solely on sales of metal from the San Martin mining operations:

(In Canadian Dollars unless indicated)		Sustaini (in (		Sustaining Costs Per Ounce (in \$/oz)				
For the period ended January 31,		2024		2023		2024	2023	
Total cost of sales cash costs <sup>1</sup>	\$	16.896	\$	14,520	\$	2,328	\$	1,912
Total corporate and administration cash costs <sup>1,2</sup>		3,024	·	4,264	·	416		561
Foreign exchange (gain)/loss		299		183		41		25
Reclamation and closure accretion		172		147		24		19
Sustaining capital expenditures and exploration		703		678		97		89
All-in sustaining cash costs		21,094		19,792		2,906		2,606
Foreign exchange adjustment		(5,444)		(4,805)		(750)		(633)
All-in sustaining USD cash costs	\$	15,650	\$	14,987	\$	2,156	\$	1,973
Total equivalent ounces sold		7,258		7,595				

<sup>&</sup>lt;sup>1</sup> Excludes non-cash depletion and depreciation of \$1,889 from cost of sales and from corporate and administration costs for the period ended January 31, 2024 (January 31, 2023: \$2,929), finance costs of \$45 for the period ended January 31, 2024 (January 31, 2023: \$120)..

The AISC of US\$2,156/EqOz is higher than the prior period comparable amount of US\$1,973/EqOz due mainly to the higher costs of production and development coupled with additional sustaining exploration costs (as discussed in *Sections 4.3 and 4.1* above). Overall mine costs were also higher averaging US\$80/t, compared to US\$67/t in the prior period due mainly to higher input costs for labour, electricity and fuel in the current period coupled with higher development costs per meter.

## Cash Flows

Cash outflow from operating activities was \$204 during the period ended January 31, 2024, compared to a cash outflow of \$1,920 for the comparative period ended January 31, 2023. Cash flows from operating activities were determined by removing non-cash expenses from the earnings and adjusting for non-cash working capital amounts. Financing activities resulted in an outflow of \$255 (January 31, 2023: inflow of \$615). Cash outflow from investing activities was \$956 due to the Company spending \$823 on investment in mining interest and plant and equipment and \$268 on investment in exploration and evaluation assets, net against cash received of \$135 for plant and equipment sold. Overall cash decreased during the period ended January 31, 2024 by \$2,851 after accounting for the effect of foreign exchange on cash of \$1,436.

#### **Investor Relations Activities**

During the period ended January 31, 2024, the Company responded directly to investor inquiries.

#### Financings, Principal Purposes & Milestones

During the period ended January 31, 2024, the Company issued:

- 7,883,333 shares pursuant to the EU Share Exchange Transaction at fair value of \$0.085 whereby the Company acquired all of the issued and outstanding shares of EU Gold.
- 8,666,667 shares pursuant to the Company assuming the Mineral Property Option (the "Option") at fair value of \$0.085 to acquire from K Mining all of its right, title and interest in and to the Kimoukro Project.

See Section 2 - Recent Events - Starcore Embarks on Geopolitical Diversification with Côte d'Ivoire Acquisition for further details on The EU Share Exchange Transaction and The Option Agreement.

During the year ended April 30, 2023, the Company completed a non-brokered private placement for \$1,200 upon the issuance of 6,000,000 units (the "Units") at a price of \$0.20 per Unit. Each Unit is comprised of one common share of the Company and one-half of one transferable common share purchase warrant (the "Warrants"), each whole Warrant exercisable for a period of four years from the date of issue (July 15, 2026) to purchase one common share of the Company at a price of \$0.30 per share, provided that, if after the expiry of all resale restrictions, the closing price of the Company's shares is equal

<sup>&</sup>lt;sup>2</sup> Includes share-based compensation expense (recovery) of (\$187) for the period ended January 31, 2024 (January 31, 2023: \$195).

to or greater than \$0.40 per share for 20 consecutive trading days, the Company may, by notice to the Warrant holders reduce the remaining exercise period of the Warrants to not less than 30 days following the date of such notice.

The Company paid \$47 as a finder's fee for the portion of the financing attributable to the finder's efforts. All of the securities issued pursuant to this private placement will have a hold period expiring four months plus one day after the closing date.

#### 5. Summary of Quarterly Results

The following is a summary of the Company's financial results for the eight most recently completed quarters:

	Q3 31-Jan-24		31	Q2 1-Oct-23	3	Q1 1-Jul-23	Q4 30-Apr-23	
Total Revenue Earnings (loss) from mining	\$	6,784	\$	5,975	\$	6,233	\$	5,183
operations	\$	795	\$	199	\$	(751)	\$	391
Earnings (loss) for period	\$	(154)	\$	(1,028)	\$	(1,708)	\$	(963)
Per share – basic and diluted	\$	(0.00)	\$	(0.02)	\$	(0.03)	\$	(0.03)
		Q3						
	31	Q3 -Jan-23	31	Q2 1-Oct-22	3:	Q1 1-Jul-22	30-	Q4 -Apr-22
Total Revenue		-Jan-23		1-Oct-22		1-Jul-22		-Apr-22
Total Revenue Earnings (loss) from mining operations	\$ \$		<b>3</b> 1		\$ \$		<b>30</b> - \$	•
Earnings (loss) from mining	\$	6,162	\$	4,812	\$	6,750	\$	<b>-Apr-22</b> 7,459

#### Discussion

The Company reports a loss of \$154 for the quarter ending January 31, 2024 compared to a loss of \$1,862 in the comparative quarter ended January 31, 2023. For more detailed discussion on the quarterly production results and financial results for the quarter ended January 31, 2024, please refer to Sections 4.1 and 4.3 under "Results of Operations".

#### 6. Liquidity and Commitments

The Company expects to continue to receive income and cash flows from the mining operations at San Martin (*section 4.1*). Management expects that this will result in sufficient working capital and liquidity for the Company for the next twelve months.

As at January 31, 2024, the Company had the following commitments:

- a) The Company has a land rental commitment with respect to the land at the mine site, for MX\$280k per month. The Company also has ongoing concession commitments on the mine site and on exploration and evaluation assets of approximately \$800 per year.
- b) The Company has management contracts to officers and directors totaling \$600 and US\$315 per year, payable monthly, expiring in April 2024.

Obligations due within twelve months of January 31,	2024	2025	2026	027 and beyond
Trade and other payables	\$ 3,104	\$ _	\$ -	\$ _
Reclamation and closure obligations	\$ -	\$ -	\$ -	\$ 3,426
Leases liability	\$ 513	\$ 326	\$ 128	\$ -

#### 7. <u>Capital Resources</u>

The capital resources of the Company are the mining interests, plant and equipment, with an amortized historical cost of \$28,893 at January 31, 2024. The Company is committed to further expenditures of capital required to maintain and to further develop the San Martin mine which management believes will be funded directly from the operating cash flows of the mine.

#### 8. Off Balance Sheet Arrangements

The Company has no off-balance sheet transactions.

## 9. Transactions with Related Parties

The Company paid the following amounts to key management personnel, consisting of the chief executive officer, president, chief financial officer, the chief operating office and directors in the years:

For the period ended January 31,	2024	2023	
Management fees Directors fees - Salaries	\$ 839 39	\$ 1,373 41	
Total	\$ 878	\$ 1,414	

During the year ended April 30, 2023, the Company issued an advance to a key management personnel for the amount of \$134 (US\$100). As at January 31, 2024, the balance of the advance was \$142 (US\$106) and included interest at the prescribed rates indicated by the Canada Revenue Agency

#### 10. First Quarter

Due to mine operating activity of the San Martin mine discussed throughout this MD&A and as detailed in Section 4.1, the operations and activities are similar to previous quarters, which are discussed in Section 4.3 – Results of Operations.

## 11. Proposed Transactions

See Section 2.0 – Recent Events

#### 12. Critical Accounting Estimates

The Company makes estimates and assumptions about the future that affect the reported amounts of assets and liabilities. Estimates and judgements are continually evaluated based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances. In the future, actual experience may differ from these estimates and assumptions.

The effect of a change in accounting estimate is recognized prospectively by including it in the Company's profit or loss in the period of the change, if it affects that period only, or in the period of the change and future periods, if it affects both.

Information about critical judgements in applying accounting policies that have the most significant risk of causing material adjustment to the carrying amounts of assets and liabilities recognized in the consolidated financial statements within the current financial period are discussed below:

#### a) Economic Recoverability and Profitability of Future Economic Benefits of Mining Interests

Management has determined that mining interests, evaluation, development and related costs incurred which have been capitalized are economically recoverable. Management uses several criteria in its assessments of economic recoverability and probability of future economic benefit including geologic and metallurgic information, history of conversion of mineral deposits to proven and probable reserves, scoping and feasibility studies, accessible facilities, existing permits and life of mine plans.

#### b) Rehabilitation Provisions

Rehabilitation provisions have been created based on the Company's internal estimates. Assumptions, based on the current economic environment, have been made which management believes are a reasonable basis upon which to estimate the future liability. These estimates take into account any material changes to the assumptions that occur when reviewed regularly by management. Estimates are reviewed annually and are based on current regulatory requirements. Significant changes in estimates of contamination, restoration standards and techniques will result in changes to provisions from period to period.

Actual rehabilitation costs will ultimately depend on future market prices for the rehabilitation costs, which will reflect the market condition at the time that the rehabilitation costs are actually incurred. The final cost of the currently recognized rehabilitation provision may be higher or lower than currently provided. The inflation rate applied to estimated future rehabilitation and closure costs is 6.90% (April 30, 2023: 6.90%) and the discount rate currently applied in the calculation of the net present value of the provision is 10% (April 30, 2023: 10%).

## c) <u>Impairments</u>

The Company assesses its mining interest, plant and equipment assets annually to determine whether any indication of impairment exists. Where an indicator of impairment exists, a formal estimate of the recoverable amount is made, which is considered to be the higher of the fair value less costs to sell and value in use. These assessments require the use of estimates and assumptions such as long-term commodity prices, discount rates, future capital requirements, exploration potential and operating performance.

## d) <u>Income Taxes</u>

Significant judgment is required in determining the provision for income taxes. There are many transactions and calculations undertaken during the ordinary course of business for which the ultimate tax determination is uncertain. The Company recognizes liabilities and contingencies for anticipated tax audit issues based on the Company's current understanding of tax law. For matters where it is probable that an adjustment will be made, the Company records its best estimate of the tax liability including the related interest and penalties in the current tax provision. Management believes they have adequately provided for the probable outcome of these matters; however, the final outcome may result in a materially different outcome than the amount included in the tax liabilities.

In addition, the Company recognizes deferred tax assets relating to tax losses carried forward to the extent there are sufficient taxable temporary differences (deferred tax liabilities) relating to the same taxation authority and the same taxable entity against which the unused tax losses can be utilized. However, utilization of the tax losses also depends on the ability of the taxable entity to satisfy certain tests at the time the losses are recuperated.

#### Mexico Amparo Lawsuits filed

On June 16, 2023, on behalf of Bernal and Exploraciones Global S.A. de C.V., which owns the El Creston project (*see Section 4.2*), the Company filed against certain provisions of the reform to the Mexican Mining Law approved by the Mexican Lower House and the Mexican Senate on May 8, 2023, (the "New Mining Law") pursuant to which the Company challenged, among other matters: (i) the legislative process for the approval of the New Mining Law and other environmental laws affecting the Mexican mining industry, and (ii) diverse provisions of the New Mining Law harming the fundamental rights of the Company, which may contravene certain provisions and principles of the Mexican Constitution. Management believes that it is crucial to take action and protect the rights and investments of the shareholders as this decree imposes additional burdens and modifies the existing rights of active mining concessions. The enactment of this decree has far-reaching implications for all companies involved in the mining industry and filing an Amparo is necessary to protect the company's assets. The Amparo is a constitutional remedy that protects individuals and entities against violations of their constitutional rights.

## e) <u>Mineral Reserves and Mineral Resource Estimates</u>

Mineral reserves are estimates of the amount of ore that can be economically and legally extracted from the Company's mining properties. The Company estimates its mineral reserve and mineral resources based on information compiled by Qualified Persons as defined by Canadian Securities Administrators National Instrument 43-101 Standards for Disclosure of Mineral Projects. Such information includes geological data on the size, depth and shape of the mineral deposit, and requires complex geological judgments to interpret the data. The estimation of recoverable reserves is based

upon factors such as estimates of commodity prices, future capital requirements, and production costs along with geological assumptions and judgments made in estimating the size and grade that comprise the mineral reserves. Changes in the mining reserve or mineral resource estimates may impact the carrying value of mineral properties and deferred development costs, property, plant and equipment, provision for site reclamation and closure, recognition of deferred income tax assets and depreciation and amortization charges.

#### f) <u>Units of Production Depletion and Depreciation</u>

Estimated recoverable reserves are used in determining the depreciation of mine specific assets. This results in depreciation charges proportional to the depletion of the anticipated remaining life of mine production. Each item's life, which is assessed annually, has regard to both its physical life limitations and to present assessments of economically recoverable reserves of the mine property at which the asset is located. These calculations require the use of estimates and assumption, including the amount of recoverable reserves and estimate of future capital expenditure. Changes are accounted for prospectively.

## 13. Changes in Accounting Policies

N/A

## 14. Financial and Other Instruments

All significant financial assets, financial liabilities and equity instruments of the Company are either recognized or disclosed in the audited consolidated financial statements together with other information relevant for making a reasonable assessment of future cash flows, interest rate risk and credit risk. Where practicable the fair values of financial assets and financial liabilities have been determined and disclosed; otherwise only available information pertinent to fair value has been disclosed.

In the normal course of business, the Company's assets, liabilities and forecasted transactions are impacted by various market risks, including currency risks associated with inventory, revenues, cost of sales, capital expenditures, interest earned on cash and the interest rate risk associated with floating rate debt.

Currency risk is the risk to the Company's earnings that arises from fluctuations of foreign exchange rates and the degree of volatility of these rates. The primary currency the Company exposed to is the United States dollar which is also the functional currency of the San Martin Mine. The Company does not use derivative instruments to reduce its exposure to foreign currency risk. At January 31, 2024 the Company had the following financial assets and liabilities denominated in CDN and denominated in Mexican Pesos:

In '000 of	CAD\$ MXN\$			
Cash	\$ 1,224	MP	2,384	
Other working capital amounts – net	\$ 871	MP	(14,146)	

At January 31, 2024, US dollar amounts were converted at a rate of \$1.3388 Canadian dollars to \$1 US dollar and MP were converted at a rate of MP17.1810 to \$1 US Dollar.

## 15.1 Disclosure of Outstanding Share Capital as at March 7, 2024

	Number	<u> </u>	Book Value
Common Shares	72,196,851	\$	53,285

There are no options outstanding nor any granted subsequent to January 31, 2024.

During the year ended April 30, 2023, 3,000,000 warrants were issued, each whole Warrant exercisable up to July 15, 2026 to purchase one common share of the Company at a price of \$0.30 per share.

#### 15.2 Disclosure Controls and Procedures

The Company's management, with the participation of its Chief Executive Officer and Chief Financial Officer, has evaluated the effectiveness of the Company's disclosure controls and procedures. Based upon the results of that evaluation, the Company's Chief Executive Officer and Chief Financial Officer have concluded that, as of the end of the period covered by this report, the Company's disclosure controls and procedures were effective to provide reasonable assurance that the

information required to be disclosed by the Company in reports it files is recorded, processed, summarized and reported, within the appropriate time periods and forms.

## **Internal Controls Over Financial Reporting**

The Company's management, with the participation of its Chief Executive Officer and Chief Financial Officer, are responsible for establishing and maintaining adequate internal control over financial reporting. Under the supervision of the Chief Financial Officer, the Company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of audited consolidated financial statements for external purposes in accordance with IFRS. The Company's controls include policies and procedures that:

- pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the Company;
- provide reasonable assurance that transactions are recorded as necessary to permit preparation of consolidated financial statements in accordance with IFRS; and
- provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of the Company's assets that could have a material effect on the annual consolidated financial statements or interim financial statements.

There has been no material change in the Company's internal control over financial reporting during the Company's period ended January 31, 2024.

#### Limitations of Controls and Procedures

The Company's management, including the Chief Executive Officer and Chief Financial Officer, believe that any disclosure controls and procedures or internal controls over financial reporting, no matter how well conceived and operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Because of the inherent limitations in all control systems, they cannot provide absolute assurance that all control issues and instances of fraud, if any, within the Company have been prevented or detected. These inherent limitations include the realities that judgments in decision-making can be faulty, and that breakdowns can occur because of simple error or mistake. Additionally, controls can be circumvented by the individual acts of some persons, by collusion of two or more people, or by unauthorized override of the control. The design of any systems of controls also is based in part upon certain assumptions about the likelihood of future events, and there can be no assurance that any design will succeed in achieving its stated goals under all potential future conditions. Accordingly, because of the inherent limitations in a cost-effective control system, misstatements due to error or fraud may occur and not be detected.