

CONSOLIDATED FINANCIAL STATEMENTS
FOR THE YEARS ENDED DECEMBER 31, 2020 AND 2019



KPMG LLP Bay Adelaide Centre 333 Bay Street, Suite 4600 Toronto, ON M5H 2S5 Canada Tel 416-777-8500 Fax 416-777-8818

INDEPENDENT AUDITORS' REPORT

To the Shareholders of Jaguar Mining Inc.

Opinion

We have audited the consolidated financial statements of Jaguar Mining Inc. (the Entity), which comprise:

- the consolidated statements of financial position as at December 31, 2020 and December 31, 2019
- the consolidated statements of operations and comprehensive income (loss) for the years then ended December 31, 2020 and December 31, 2019
- the consolidated statements of changes in shareholders' equity for the years then ended December 31, 2020 and December 31, 2019
- the consolidated statements of cash flows for the years then ended December 31, 2020 and December 2019
- and notes to the consolidated financial statements, including a summary of significant accounting
 policies (hereinafter referred to as the "financial statements").

In our opinion, the accompanying financial statements present fairly, in all material respects, the consolidated financial position of the Entity as at December 31, 2020 and December 31, 2019, and its consolidated financial performance and its consolidated cash flows for the years then ended in accordance with International Financial Reporting Standards (IFRS).

Basis for Opinion

We conducted our audit in accordance with Canadian generally accepted auditing standards. Our responsibilities under those standards are further described in the "Auditors' Responsibilities for the Audit of the Financial Statements" section of our auditors' report.

We are independent of the Entity in accordance with the ethical requirements that are relevant to our audit of the financial statements in Canada and we have fulfilled our other ethical responsibilities in accordance with these requirements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Key Audit Matters

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the financial statements for the year ended December 31, 2020. These matters were addressed in the context of our audit of the financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.



We have determined the matter described below to be the key audit matter to be communicated in our auditors' report.

Evaluation of the carrying value of property, plant and equipment, mineral exploration projects and royalty interests

Description of the matter

We draw attention to Notes 9 and 10 to the financial statements. Property, plant and equipment, mineral exploration projects and royalty interests are \$147,641, \$22,837, \$8,476, respectively. As discussed in Note 9, the Company recorded reversals of previously recorded impairment charges at their Turmalina and Pilar mines of \$10,964 and \$3,058 respectively.

The Entity assesses the carrying value of all categories of property, plant and equipment, mineral exploration projects and royalty interests for impairment at each reporting date or whenever events or circumstances ("impairment indicators") indicate the recoverable amount may be less than the carrying amount. Impairment losses recognized in prior periods are assessed at each reporting date for any indications that the loss has decreased or no longer exists. An impairment loss is reversed if there has been a change in the recoverable amount and only to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation or amortization, if no impairment loss has been recognized.

The Entity's estimate of the recoverable amounts was determined using the fair value less cost to sell approach which uses discounted cash flow models to determine the recoverable amount. The significant assumptions used in determining the recoverable amount were life of mine future projection profiles, future gold prices, mineral reserve and resource estimates, discount rates, income taxes, foreign exchange rates and future operating and capital expenditures.

Why the matter is a key audit matter

We identified the evaluation of the carrying value of property, plant and equipment, mineral exploration projects and royalty interest as a key audit matter. This matter represented an area of significant risk of material misstatement as minor changes to certain significant assumptions had a significant effect on the estimated recoverable amount of the cash generating units, impacting the determination of whether prior period impairment losses recognized no longer existed. As a result, significant auditor judgment was required in evaluating the results of our audit procedures. Further, professionals with specialized skills and knowledge were required to evaluate certain significant assumptions.

How the matter was addressed in the audit

The following are the primary procedures we performed to address this key audit matter.

To evaluate the appropriateness of the Entity's future life of mine future projection profiles we compared the Entity's historical production estimates to actual results incurred taking into account changes in conditions and events affecting the Entity.



To evaluate the appropriateness of future operating and capital expenditures we compared to actual historical costs and expenditures incurred and anticipated future costs and expenditures by taking into account changes in conditions and events affecting the Entity.

We assessed the competence, capabilities and objectivity of the Entity's personnel who prepared the mineral reserve and resource estimates.

We involved income tax professionals to assess the company's modeling of the impact of income taxes on projected future profits.

We involved valuation professionals with specialized skills and knowledge who assisted in evaluating the appropriateness of the Entity's:

- Gold prices and foreign exchange rate assumptions by comparing to estimates that were independently developed using publicly available third-party sources, and
- Discount rate assumption by comparing to estimates that were independently developed using publicly available third-party sources and data for comparable entities.

Other Information

Management is responsible for the other information. Other information comprises the information included in Management's Discussion and Analysis filed with the relevant Canadian Securities Commissions.

Our opinion on the financial statements does not cover the other information and we do not and will not express any form of assurance conclusion thereon.

In connection with our audit of the financial statements, our responsibility is to read the other information identified above and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit and remain alert for indications that the other information appears to be materially misstated.

We obtained the information included in Management's Discussion and Analysis filed with the relevant Canadian Securities Commissions as at the date of this auditors' report. If, based on the work we have performed on this information, we conclude that there is a material misstatement of this other information, we are required to report that fact in the auditors' report. We have nothing to report in this regard.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with International Financial Reporting Standards (IFRS), and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.



In preparing the financial statements, management is responsible for assessing the Entity's ability to continue as a going concern, disclosing as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Entity or to cease operations, or have no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Entity's financial reporting process.

Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion.

Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian generally accepted auditing standards will always detect a material misstatement when it exists.

Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of the financial statements.

As part of an audit in accordance with Canadian generally accepted auditing standards, we exercise professional judgment and maintain professional skepticism throughout the audit.

We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion.
 - The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures
 that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the
 effectiveness of the Entity's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.



- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Entity's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Entity to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.
- Provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the group Entity to express an opinion on the financial statements. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion.
- Determine, from the matters communicated with those charged with governance, those matters that
 were of most significance in the audit of the financial statements of the current period and are
 therefore the key audit matters. We describe these matters in our auditors' report unless law or
 regulation precludes public disclosure about the matter or when, in extremely rare circumstances,
 we determine that a matter should not be communicated in our auditors' report because the adverse
 consequences of doing so would reasonably be expected to outweigh the public interest benefits of
 such communication.

The engagement partner on the audit resulting in this auditor's report is Daniel Gordon Ricica.

Chartered Professional Accountants, Licensed Public Accountants Toronto, Canada March 12, 2021

LPMG LLP

CONSOLIDATED STATEMENTS OF FINANCIAL POSITION

As at December 31, 2020 and 2019 (Expressed in thousands of US dollars)

		December 31,	December 31
		2020	2019
			(Recast Notes 9, 10)
ASSETS			
Current assets			
Cash and cash equivalents		\$ 38,908	\$ 10,924
Restricted cash	Note 5	1,091	1,418
Inventory	Note 6	12,529	12,701
Recoverable taxes	Note 7	4,944	12,658
Other accounts receivable	Note 8	61	590
Prepaid expenses and advances		2,912	1,602
Derivative assets	Note 26(c)	-	71
Total current assets		60,445	39,964
Non-current assets			
Royalty interests	Note 8	8,476	8,476
Property, plant and equipment	Note 9	147,641	118,030
Mineral exploration projects	Note 10	22,837	19,350
Recoverable taxes	Note 7	4,718	5,411
Other accounts receivable	Note 8	5,000	5,000
Restricted cash	Note 5	649	4,684
Total assets		\$ 249,766	\$ 200,915
LIABILITIES AND SHAREHOLDERS' EQUITY			
Current liabilities			
Accounts payable and accrued liabilities	Note 11	\$ 18,851	\$ 16,141
Notes payable	Note 12	3,058	5,592
Lease liabilities	Note 13	1,530	2,020
Current tax liability	Note 14	3,213	599
Other taxes payable	Note 15	1,153	642
Reclamation provisions	Note 16	623	390
Legal and other provisions	Note 17	2,827	4,041
Derivative liabilities	Note 26(c)		1,103
Total current liabilities	74012 20(0)	31,255	30,528
Non-current liabilities			
Lease liabilities	Note 13	1,193	969
Other taxes payable	Note 15	10,922	9,665
Reclamation provision	Note 15	11,539	15,385
Legal and other provisions	Note 17	5,157	11,543
Other liabilities	Note 17	5,157	4,245
Total liabilities		\$ 60,066	\$ 72,335
SHAREHOLDERS' EQUITY			
Common shares	Note 18	\$ 565,734	\$ 570,911
Stock options	Note 18	3 505,734 1,374	\$ 570,911 961
Deferred share units	Note 18	1,374	1,542
Contributed surplus	Note 18	1,453 23,528	1,542 20,955
Deficit			
Total shareholders' equity		(402,389) \$ 189,700	\$ (465,789 \$ 128,580
		A	A
Total liabilities and shareholders' equity	Noto 19 39	\$ 249,766	\$ 200,915

Subsequent events

Note 18, 28

On behalf of the Board:

(signed) "Jeffrey Kennedy"

(signed) "Vernon Baker"

 $\label{thm:companying} The \ accompanying \ notes \ are \ an \ integral \ part \ of \ these \ consolidated \ financial \ statements.$

CONSOLIDATED STATEMENTS OF OPERATIONS AND COMPREHENSIVE INCOME (LOSS)

For the years ended December 31, 2020 and 2019

(Expressed in thousands of US dollars, except per share amounts and number of shares)

Year Ended December 31,

		Decembe	er 51,			
		2020		2019		
Revenue		\$ 160,247	\$	97,234		
Operating costs Not	e 20	59,448		59,585		
Depreciation		15,055		14,443		
Gross profit	_	85,744		23,206		
Exploration and evaluation costs		1,839		898		
Care and maintenance costs (Paciência and Roça Grande mines)		791		1,194		
Stock-based compensation Note 18(b)(c)	1,227		505		
General and administrative expenses		5,716		7,767		
Amortization		101		128		
Legal, recoverable tax and other provisions expenses		1,171		4,469		
Impairment (reversals)	ote 9	(14,022)		-		
Other operating expenses		1,995		1,859		
Operating income		86,926		6,386		
Foreign exchange (gain)		(4,018)		(627)		
Financial instruments loss Not	e 21	476		1,223		
Finance costs		1,043		3,469		
Other non-operating expenses (recoveries)		2,609		1,598		
Income before income taxes		86,816		723		
Income tax expense Not	e 14	14,536		871		
Net income (loss)		\$ 72,280	\$	(148)		
Total comprehensive income (loss)		\$ 72,280	\$	(148)		
Earnings (loss) per share Not	e 19					
Earnings (loss) per share						
Basic		\$ 1.00	\$	(0.00)		
Diluted		\$ 0.98	\$	(0.00)		
Weighted average shares outstanding						
Basic		72,311,315		52,764,705		
Diluted		73,421,231		52,764,705		

The accompanying notes are an integral part of these consolidated financial statements.

CONSOLIDATED STATEMENTS OF CASH FLOWS

For the years ended December 31, 2020 and 2019 (Expressed in thousands of US dollars)

Year Ended December 31,

		Deceiii	per 51,
		2020	2019
OPERATING ACTIVITIES			
Net income (loss) for the period		\$ 72,280	\$ (148)
Adjustments and non-cash items			
Depreciation and amortization		15,156	14,571
Accretion interest expense		667	1,373
Interest expense		376	2,096
Impairment reversal	Note 9	(14,022)	-
Unrealized foreign exchange (gain)		(5,252)	(682)
Current income tax expense	Note 14	14,536	871
Other tax (recovery) expense		-	189
Change in unrealized derivatives	Note 21	(1,032)	756
Legal and other provisions expense (recovery)		568	5,856
Other operating activities expense (recovery)	Note 22	2,451	(427)
Changes in operating working capital	Note 23	2,092	(89)
Income taxes paid		(9,155)	-
Net cash provided by operating activities		78,665	24,366
INVESTING ACTIVITIES			
Purchase of property, plant and equipment		(34,752)	(32,230)
Proceeds from disposition of property, plant and equipment		5	201
Net cash (used in) investing activities		(34,747)	(32,029)
FINANCING ACTIVITIES			
Cash received upon issuance of shares via private placement	Note 18(a)	-	24,348
Cash received upon issuance of debt	Note 26(f)	6,461	9,611
Cash received upon issuance of shares via stock options exercised		87	20
Cash received upon redemption of restricted cash margin deposits		96	2,500
Repayment of debt	Note 26(f)	(11,082)	(22,595)
Cash paid for purchase and cancellation of shares	Note 18(a)	(3,479)	-
Interest paid		(371)	(1,243)
Restricted cash margin deposits paid		·	(385)
Cash dividends paid		(8,880)	-
Net cash (used in) provided by financing activities		(17,168)	12,256
· · · · · · · · · · · · · · · · · · ·		,	
Effect of exchange rate changes on cash and cash equivalents		1,234	56
Net increase in cash and cash equivalents		27,984	4,649
Cash and cash equivalents at the beginning of the period		10,924	6,275

The accompanying notes are an integral part of these consolidated financial statements.

CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY

For the years ended December 31, 2020 and 2019 (Expressed in thousands of US dollars)

	Common	Shares		Stock Opti	ions		Deferred Sha	are Unit	s	Contributed	Deficit		Tota	al Equity
	Shares	Amou	nt	Options	An	nount	Units	Amou	ınt	Surplus				
Delegge of the supply 1, 2010	22.050.500	ć F44	254	201 715	¢	726	F.C.7.077	ć 1	577	\$ 20,940	¢ /465.4	C41\	· ¢	103,856
Balance as at January 1, 2019	32,850,568		5,254	281,715	Ş		567,077	\$ 1,	5//	\$ 20,940	\$ (465,6	341)	Þ	· · · · · · · · · · · · · · · · · · ·
Shares issued from private placement	39,411,765	22	1,348	-		-	-		-	-		- 1		24,348
Stock options granted	-		-	930,000		255	-		-	-		-		255
Stock options forfeited	-		-	(8,567)		(14)	-		-	14		-		-
Stock options exercised	20,000		26	(20,000)		(6)	-		-	-		-		20
Deferred share units granted	-		-	-		-	212,000		249	-		-		249
Deferred share units forfeited	-		-	-		-	(708)		(1)	1		-		-
Deferred share units redeemed	111,022		283	-		-	(111,022)	(283)	-		-		-
Net loss	-		-	-		-	-		-	-	(:	148)		(148)
Balance as at December 31, 2019	72,393,355	\$ 570),911	1,183,148	\$	961	667,347	\$ 1,	542	\$ 20,955	\$ (465,	789)	\$	128,580
Balance as at January 1, 2020	72,393,355	\$ 570),911	1,183,148	\$	961	667,347	\$ 1,	542	\$ 20,955	\$ (465,	789)	\$	128,580
Shares purchased and cancelled in normal course issuer bid	(753,126)	(5	5,953)	-		-	-		-	2,474		-		(3,479)
Stock options granted	- 1		- 1	285,500		781	-		-	-		-		781
Stock options exercised	280,144		276	(360,878)		(303)	-		-	-		-		(27)
Stock options forfeited	-		-	(31,894)		(65)	-		-	65		-		-
Deferred share units granted	-		-	-		-	85,948		445	-		-		445
Deferred share units redeemed	198,247		500	-		-	(198,247)	(500)	-		-		-
Deferred share units forfeited	-		-	-		-	(21,000)		(34)	34		-		-
Dividends	-		-	-		-	-		-	-	(8,8)	880)		(8,880)
Netincome	-		-	-		-	-		-	-	72,3	280		72,280
Balance as at December 31, 2020	72,118,620	\$ 569	,734	1,075,876	\$	1,374	534,048	\$ 1,	453	\$ 23,528	\$ (402,	389)	\$	189,700

The accompanying notes are an integral part of these consolidated financial statements.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

1. Nature of business

Jaguar Mining Inc. (the "Company" or "Jaguar") is a corporation continued under the Business Corporations Act (Ontario) engaged in the acquisition, exploration, development, and operation of gold producing properties in Brazil. The address of the Company's registered and principal executive office is 100 King Street West, Suite 5600, Toronto, Ontario, Canada, M5X 1C9.

These consolidated financial statements of the Company as at and for the years ended December 31, 2020 and December 31, 2019 include the accounts of the Company and its wholly-owned subsidiary Mineração Serras do Oeste Ltda. ("MSOL"). MSOL is the operating subsidiary for the Turmalina complex comprising the Turmalina mine and the Caeté complex comprising the Pilar mine.

2. Basis of preparation

a) Statement of compliance

The Company's consolidated financial statements have been prepared in accordance with IFRS, effective as at December 31, 2020. IFRS comprises of International Financial Reporting Standards ("IFRS") as issued by the International Accounting Standards Board ("IASB"). The Company's significant accounting policies are described in Note 3 of these consolidated financial statements for the year ended December 31, 2020.

These consolidated financial statements were authorized for issuance by the Board of Directors on March 12, 2021.

3. Significant accounting policies

Basis of measurement

These consolidated financial statements have been prepared on a going concern and historical cost basis except for certain financial instruments and liabilities associated with long-term incentive plans, reclamation provisions, and derivative instruments, which are stated at fair value.

The consolidated financial statements include the accounts of Jaguar Mining Inc. and its subsidiary. All intercompany balances, transactions, income and expenses, and profits or losses have been eliminated on consolidation. The Company consolidates its subsidiary where it has the ability to exercise control.

b) Functional and presentation currency

The functional currency of the Company and its subsidiary is the currency of the primary economic environment in which the entities operate, which the Company has determined is the U.S. dollar. Determination of functional currency requires certain judgements to determine the primary economic environment.

In line with the Company's functional currency, these consolidated financial statements are presented in U.S. dollars.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

c) Existing accounting policies

Basis of consolidation

Subsidiaries are entities controlled by the Company. The financial statements of the Company's sole subsidiary are included in the consolidated financial statements from the date that control commences until the date that control ceases.

(ii) Cash and cash equivalents

The Company considers deposits in banks, certificates of deposit and short-term investments with remaining maturities of three months or less at the time of acquisition to be cash and cash equivalents. Cash held on deposit as security is classified as restricted cash.

(iii) Inventory

Gold in process, gold doré and ore in stockpiles are stated at the lower of the weighted average total production cost or net realizable value. Production costs include direct labour, employee benefits, direct material and other direct product costs including depreciation and amortization. Net realizable value represents estimated selling price in the ordinary course of business, less any further costs expected to be incurred to completion.

Raw materials and mine operating supplies are stated at the lower of weighted average cost, and net realizable value.

(iv) Royalty interests and Exploration properties

Royalty interests consist of acquired royalty interests in exploration stage properties. Exploration assets represent interests on projects where technical feasibility and commercial viability of extracting a mineral resource are not demonstrable. Interests in exploration assets are recorded at cost and are capitalized as tangible assets with finite lives in accordance with IFRS 6 Exploration for and Evaluation of Mineral Resources. They are subsequently measured at cost less accumulated depletion and accumulated impairment losses.

The Company estimates the reserves and resources relating to each royalty agreement. Reserves are estimates of the amount of minerals that can be economically and legally extracted from the mining properties at which the Company has royalty agreements, adjusted where applicable to reflect the Company's percentage entitlement to minerals produced from such mines. The Company estimates its reserves and resources based on information compiled by appropriately qualified persons relating to the geological data on the size, depth and shape of the ore body, and requires complex geological judgments to interpret the data. The estimation of recoverable reserves is based upon factors such as estimates of foreign exchange rates, commodity prices, future capital requirements, and production costs along with geological assumptions and judgments made in estimating the size and grade of the ore body and the period over which such will be depleted. Changes in the reserve or resource estimates may impact the carrying value of the Company's mineral, royalty and other interests and depletion charges.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

(v) Property, plant and equipment ("PP&E")

Plant, vehicles and equipment

At acquisition, the Company records plant, vehicles and equipment at cost, including all expenditures incurred to prepare an asset for its intended use. These expenditures consist of: the purchase price, and installation costs including architectural, design and engineering fees, legal fees, survey costs, site preparation costs, freight charges, transportation insurance costs, duties, testing and preparation charges. The Company capitalizes costs that meet the asset recognition criteria. Costs incurred that do not extend the productive capacity or useful economic life of an asset are considered repairs and maintenance expense and are accounted for as a cost of the inventory produced in the period.

Plant, vehicles and equipment are depreciated over their expected useful life, which commences when the assets are considered available for use. Once plant, vehicles and equipment are considered available for use they are measured at cost less accumulated depreciation and applicable impairment losses. Depreciation on equipment utilized in the development of assets, including underground mine development, is recapitalized as development costs attributable to the related asset.

Leasing arrangements

The Company has elected not to recognize right-of-use assets and lease liabilities for short-term leases that have a lease term of 12 months or less and leases of low-value assets. The lease payments associated with these leases are charged directly to the statement of operations and comprehensive income (loss) on a straight-line basis over the lease term.

At inception of a contract, the Company assesses whether a contract is, or contains, a lease. A contract is, or contains, a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration. The Company then assesses (i) whether the contract involves the use of an identified asset, (ii) whether it has the right to obtain substantially all of the economic benefits from use of the asset during the term of the arrangement and (iii) if it has the right to direct the use of the asset. At inception or on reassessment of a contract that contains a lease component, the consideration in the contract is allocated to each lease component proportionally on the basis of their relative standalone prices.

As a lessee, the Company recognizes a right-of-use asset, which is included in property, plant and equipment, and a right-of-use lease liability at the commencement date of a lease. The right-of-use asset is initially measured at cost, which is comprised of the initial amount of the lease liability adjusted for any lease payments made at or before the commencement date, plus any decommissioning and restoration costs, less any lease incentives received.

The right-of-use asset is subsequently depreciated from the commencement date to the earlier of the end of the lease term, or the end of the useful life of the asset. In addition, the right-of-use asset may be reduced due to impairment losses, if any, and adjusted for certain remeasurements of the lease liability.

Construction-in-progress

Assets under construction at operating mines are capitalized as construction-in-progress ("CIP"). The cost of CIP comprises its purchase price and any costs directly attributable to bringing it into working condition for its intended use. Construction-in-progress amounts related to development projects are included in the carrying amount of the development project.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

Construction-in-progress amounts incurred at operating mines are presented as a separate asset within PP&E. Construction-in-progress also includes deposits on long lead items. Construction-in-progress is not depreciated. Depreciation commences once the asset is complete and available for use.

Depreciation and amortization

Depreciation and amortization methods and rates for significant categories of non-current assets are as follows:

Processing plants - over plant life, straight-line basis Vehicles - 5 years, straight-line basis Equipment - 5-10 years, straight-line basis Leasehold improvements - over term of lease, straight-line basis Mining properties - unit-of-production method (1)

When parts of an item of property, plant and equipment have different useful lives, they are accounted for as separate items (major components) of property, plant and equipment. Depreciation or amortization is adjusted prospectively if there is a change in useful lives, reserve base or residual values.

(vi) Underground mine development costs

At the Company's underground mines, development costs are incurred to build new drifts and ramps that enable the Company to physically access ore underground. The time over which the Company will continue to incur these costs depends on the mine life. These underground development costs are capitalized as incurred.

Capitalized underground development costs incurred to enable access to specific ore blocks or areas of the underground mine, and which only provide an economic benefit over the period of mining that ore block or area, are amortized on a units of production basis, whereby the denominator is measured, indicated and inferred mineral resource estimates and the portion of resources within that ore block or area that is considered probable for economic extraction.

(vii) Impairment and impairment reversals

The Company assesses the carrying value of all categories of property, plant and equipment, mineral exploration projects and royalty interests for impairment at each reporting date or whenever events or circumstances ("impairment indicators") indicate the recoverable amount may be less than the carrying amount. The recoverable amount is the greater of its value-in-use and its fair value less cost of disposal.

The Company's estimate of the recoverable amounts was determined using the fair value less cost to sell approach which uses discounted cash flow models to determine the recoverable amount. The significant assumptions used in determining the recoverable amount were life of mine future projection profiles, future gold prices, mineral reserves and resources estimates, discount rates, income taxes, foreign exchange rates and capital expenditures.

Fair value less cost of disposal is the amount obtainable from the sale of an asset or CGU in an arm's length transaction between knowledgeable, willing parties, less the costs of disposal. Costs of disposal are incremental costs directly attributable to the disposal of an asset or CGU, excluding finance costs and income tax expense.

⁽¹⁾ Amortization of mining properties, pre-production and development costs are calculated and recorded on the unit-of-production basis over the mine's measured, indicated and inferred mineral resource estimates as disclosed in Note 3(d).

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

An impairment loss is recognized when the carrying value of an asset held for use exceeds its estimated recoverable amount. Impairment losses recognized in respect of CGUs are allocated to reduce the carrying amounts of the other assets in the unit on a pro-rata basis. Impairment losses are recognized in operating expenses. Impairment losses are recorded in the reporting period in which determination of impairment is made by management.

Impairment losses recognized in prior periods are assessed at each reporting date for any indications that the loss has decreased or no longer exists. An impairment loss is reversed if there has been a change in the estimates used to determine the recoverable amount and only to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation or amortization, if no impairment loss had been recognized.

(viii) Income taxes

Income tax expense comprises current and deferred income taxes. Income tax expense is recognized in the consolidated statements of operations and comprehensive income (loss) except to the extent that it relates to items recognized directly in equity.

Current income taxes

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

Deferred income taxes

The Company accounts for deferred income taxes under the asset and liability method. Under this method of tax allocation, deferred income and mining tax assets and liabilities are determined based on differences between the financial statement carrying values and their respective income tax bases (temporary differences).

Deferred income taxes are measured using the tax rates that are expected to be in effect when the temporary differences are likely to reverse, based on the laws that have been enacted or substantively enacted by the reporting date. The effect on deferred income tax assets and liabilities of a change in tax rates is included in earnings in the period in which the change is substantively enacted. The amount of deferred income tax assets recognized is limited to the amount that is probable to be realized.

(ix) Reclamation provisions

Mining, extraction and processing activities normally give rise to obligations for environmental rehabilitation or reclamation. Reclamation work can include facility decommissioning and dismantling; removal or treatment of waste materials; site and land rehabilitation, including compliance with and monitoring of environmental regulations; security and other site-related costs required to perform the rehabilitation work; and operation of equipment designed to reduce or eliminate environmental effects. The extent of work required and the associated costs are dependent on the requirements of relevant authorities and our environmental policies. The timing of work is dependent upon factors such as the life and nature of the asset, the operating license conditions, the environment in which the mine operates, among others.

Significant judgments and estimates are involved in forming expectations of future activities and the amount and timing of the associated cash flows. Those expectations are formed based on existing environmental and regulatory requirements or, if more stringent, the Company's environmental policies which give rise to a

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

constructive obligation. The principal factors that can cause expected cash flows to change are: the construction of new processing facilities; changes in the quantities of material in reserves and resources with a corresponding change in the life of mine plan; changing ore characteristics that impact required environmental protection measures and related costs; changes in water quality that impact the extent of water treatment required; changes in discount rates; changes in foreign exchange rates and changes in laws and regulations governing the protection of the environment.

Reclamation provisions are normally recognized at the time that an environmental disturbance occurs or a constructive obligation is determined. When a reclamation provision is initially recognized, the corresponding cost is capitalized as an asset to PP&E and is depreciated over the expected economic life of the operation to which it relates.

Included in the provisions are cost estimates which (i) aim to encompass all closure and reclamation activity expected to occur progressively over the life of the operation at the time of closure and post-closure in connection with disturbances as at the reporting date, (ii) are made based on the cost of external contractors performing the work or the cost of performing the work internally depending on management's intention, and (iii) are measured at the expected value of future cash flows, which exclude the effect of inflation, discounted to their present value using a current US dollar real risk-free pre-tax discount rate, whereas the unwinding of the discount, referred to as accretion expense, is included in finance costs and results in an increase in the amount of the provision.

Excluded from the reclamation provisions are routine operating costs that may impact the ultimate closure and reclamation activities, such as waste material handling conducted as an integral part of a mining or production process.

Reclamation provisions are adjusted each reporting period in consideration of the changes in the extent of disturbance made, estimates and assumptions. Such adjustments are accounted for as a change in the corresponding cost of the related assets, including the related mineral property, except where a reduction in the provision is greater than the remaining net book value of the related assets, in which case the value is reduced to nil and the remaining adjustment is recognized in the consolidated statements of operations and comprehensive income (loss).

In the case of closed sites, changes in estimates and assumptions are recognized immediately in the consolidated statements of operations and comprehensive income (loss). For an operating mine, the adjusted carrying amount of the related asset is depreciated prospectively. Adjustments also result in changes to future finance costs.

Costs arising from unforeseen circumstances, such as the contamination caused by unplanned discharges, are recognized as an expense and liability when the event that gives rise to an obligation occurs and reliable estimates of the required reclamation costs can be made.

(x) Legal and other provisions

Provisions are recorded when a legal or constructive obligation exists as a result of past events where it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation, and a reliable estimate of the amount of the obligation can be made. The amount recognized as a provision is the best estimate of the consideration required to settle the present obligation estimated at the end of each reporting period, taking into account the risks and uncertainties surrounding the obligation and is measured using the present value of cash flows estimated to settle the present obligation.

Certain conditions may exist as of the date the financial statements are issued, which may result in a loss to the Company, but which will only be resolved when one or more future events occur or fail to occur. In

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

assessing loss contingencies related to legal proceedings that are pending against us or un-asserted claims that may result in such proceedings, the Company with assistance from its legal counsel evaluate the perceived merits of any legal proceedings or un-asserted claims as well as the perceived merits of the amount of relief sought or expected to be sought. If the assessment of a contingency suggests that a loss is probable, and the amount can be reliably estimated, then a loss is recorded. When a contingent loss is not probable but is reasonably possible, or is probable but the amount of loss cannot be reliably estimated, and then details of the contingent loss are disclosed. Loss contingencies considered remote are generally not disclosed unless they involve guarantees, in which case the Company discloses the nature of the guarantee. Legal fees incurred in connection with pending legal proceedings are expensed as incurred. Contingent gains are only recognized when the inflow of economic benefits is virtually certain.

(xi) Foreign currency translation

The U.S. dollar is considered to be the functional currency of the Company and of its subsidiary. Monetary assets and liabilities of the Company's operations are translated into U.S. dollars at the rate of exchange in effect at the balance sheet date, and non-monetary assets and liabilities are translated at the historical rate of exchange. Transactions in foreign currencies are translated at the actual rates of exchange. Foreign currency gains and losses are recognized in the consolidated statements of operations and comprehensive income (loss).

(xii) Normal course issuer bids

A normal course issuer bid is used by the Company to purchase common shares for cancellation as further described in Note 18(a). The total amount paid to purchase shares in accordance with the normal course issuer bid is allocated to Common shares and Contributed surplus in the consolidated statement of changes in shareholder's equity, whereas the amount allocated to Common shares is based on the average carrying amount per common share and amounts paid above or below the average carrying amount are allocated to Contributed surplus.

(xiii) Stock-based compensation

The Company has stock-based compensation plans, which are described in Note 18(b) and (c). The Company accounts for all equity-settled stock-based payments based on the fair value of the award on grant date.

Under the fair value based method, compensation cost attributable to options granted is measured at fair value at the grant date and amortized over the vesting period. The amount recognized as an expense is adjusted to reflect any changes in the Company's estimate of the shares that will eventually vest and the effect of any non-market vesting conditions.

Share-based payment arrangements in which the Company receives goods or services as consideration are measured at the fair value of the good or service received, unless that fair value cannot be estimated reliably.

(xiv) Earnings (loss) per share

Basic earnings (loss) per share is computed by dividing the net income (loss) available to common shareholders by the weighted average number of common shares outstanding during the period. The dilutive effect of outstanding options and their equivalents are reflected in diluted earnings (loss) per share by the application of the treasury method. The computation of diluted earnings (loss) per share assumes conversion, exercise or contingent issuance of securities only when such conversion, exercise or issuance would have a dilutive effect on earnings per share.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

(xv) Financial instruments - recognition and measurement

Financial instruments are measured on initial recognition at fair value, plus, in the case of financial instruments other than those classified as FVTPL, directly attributable transaction costs. Measurement of financial assets in subsequent periods depends on whether the financial asset has been classified as amortized cost, FVTPL or FVTOCI. Measurement of financial liabilities subsequent to initial recognition depends on whether they are classified as amortized cost or FVTPL. Financial assets and financial liabilities classified as amortized cost are measured subsequent to initial recognition using the effective interest method.

On initial recognition, financial assets are classified as: amortized cost, fair value through profit and loss ("FVTPL"), or fair value through other comprehensive income ("FVTOCI"). Such classification is determined according to the assets' contractual cash flow characteristics and the business models under which they are held.

A financial asset is measured at amortized cost if meets the following criteria: (i) it is not designated as FVTPL, (ii) it is held with the objective of collecting contractual cash flows, and (iii) its contractual terms give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

FVTPL financial instruments are carried at fair value with changes in fair value charged or credited to earnings in the period in which they arise.

Loss allowances for 'expected credit losses' are recognized on financial assets measured at amortized cost, and on contract assets measured at FVOCI.

Financial liabilities are initially measured at cost or amortized cost, net of transaction costs and any embedded derivatives that are not closely related to the financial liability, depending upon the nature of the instrument with any resulting premium or discount from the face value being amortized to earnings using the effective interest method.

The following is a summary of the financial instruments outstanding and classifications as at December 31, 2020:

Cash and cash equivalents - Amortized cost Restricted cash - Amortized cost Other accounts receivable - Amortized cost Derivative assets and liabilities - FVTPL

Accounts payable and accrued liabilities - Amortized cost Notes payable - Amortized cost Other provisions - Amortized cost Customer advance - Amortized cost

The Company uses certain derivative financial instruments, principally forward sales contracts and commodity option contracts to manage commodity price exposure on gold sales, and forward foreign exchange contracts to manage exposure to changes in foreign exchange rates. Derivative financial instruments are used for risk management purposes and not for generating trading profits. Derivative instruments are recorded at fair value. Changes in the fair values of derivative instruments are recognized in interest income/expense in the consolidated statements of operations and comprehensive income (loss).

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

Unrealized gains and losses on forward sales contracts are a result of the difference between the forward spot price of the gold and the forward sales contract price. Unrealized gains and losses on forward foreign exchange contracts are primarily a result of the difference between the forward currency contract price and the spot price of the Brazilian reais (R\$).

d) Use of estimates and judgments

The preparation of consolidated financial statements in conformity with IFRS requires management to make estimates, judgments and assumptions that affect the application of accounting policies and the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the period. Actual results could differ from these estimates.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised and in any future periods affected.

Certain estimates, such as those related to the valuation of mineral exploration projects and royalty assets, recoverability of property plant and equipment, recoverable taxes, deferred tax assets and liabilities, reclamation provisions, derivatives, measurement of inventory and disclosure of contingent assets and liabilities depend on subjective or complex judgments about matters that may be uncertain. Changes in those estimates could materially impact these consolidated financial statements.

The judgments that management has applied in the application of accounting policies and related estimates that have the most significant effect on the amounts recognized in these consolidated financial statements are discussed below:

(i) Units of production depreciation

The Company's mining properties and mineral exploration projects are depreciated on a unit-of-production basis and calculates the depreciation rate for each project by dividing its volume extracted by the estimated amount of recoverable mineral resources. The estimated amount of recoverable mineral resources reflects management's best estimate of the useful life of the projects and is updated periodically in consideration of the results of complementary technical work performed. Periodic updates are treated as changes in accounting estimates and are accounted for on a prospective basis. It is impracticable to assess the impact of the change in estimate in future periods.

(ii) Inventory

Gold in process and ore in stockpiles are stated at the lower of average production cost and net realizable value. Production costs charged to earnings include labour, benefits, material and other product costs. The assumptions used in the impairment assessment of gold in process inventory include estimates of gold contained in the ore stacked, assumptions of the amount of gold stacked that is expected to be recovered and an assumed gold price expected to be realized when the gold is recovered. If these estimates or assumptions prove to be inaccurate, the Company could be required to write-down the recorded value of its work-inprocess inventory, which could reduce the Company's earnings and working capital.

(iii) Mine reserve and resource estimates

A mine reserve estimate is an estimate of the amount of product that can be economically and legally extracted from the Company's mining properties. In order to calculate reserve estimates, assumptions are required about a range of geological, technical and economic factors, including: quantities, grades, production techniques, recovery rates, production costs, transportation costs, commodity demand, commodity prices and exchange rates. The Company estimates its ore reserves and mineral resources based on information compiled by

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

qualified persons as defined in accordance with the Canadian Securities Administrators' National Instrument 43-101 Standards of Disclosure for Mineral Projects requirements.

Estimates of mine reserves and mineral resources may change as estimates and assumptions change and as additional geological data is generated during the course of operations. Changes in mine reserve estimates or measured and indicated and inferred mineral resources estimates may affect carrying values of the Company's inventory, property, plant and equipment, mineral exploration projects, royalty interests, reclamation provisions and deferred income taxes.

(iv) Capitalization of mineral exploration projects

The Company's accounting policy for exploration costs results in certain items being capitalized according to the expected recoverability of the projects. This policy requires management to make certain estimates and assumptions as to future events and circumstances, in particular whether an economically viable extraction operation can be established. Any such estimates and assumptions may change as new information becomes available. If, after having capitalized the costs, a judgment is made that recovery of the costs is unlikely, the relevant capitalized amount will be written off to earnings.

The recoverability of the amounts shown for mineral exploration projects is dependent on the existence of economically recoverable reserves and resources, the ability to obtain financing to complete the development of such reserves and meet obligations under various agreements, and the success of future operations or dispositions. If a project does not prove viable, all unrecoverable costs associated with the project net of any related existing impairment provisions are written off.

(v) Reclamation provision

The Company's mining and exploration activities are subject to various laws and regulations governing the protection of the environment. In general, these laws and regulations are continually changing and, over time, becoming more restrictive which impacts the cost of retiring assets at the end of their useful lives. The Company recognizes liabilities for reclamation provisions in the period in which they are incurred. A corresponding increase to the carrying amount of the related asset, where one is identifiable, is recorded and amortized over the life of the asset. Where a related asset is not easily identifiable with a liability, the change in fair value over the course of the period is expensed. Over time, the reclamation provision will be increased each period to reflect the interest element (accretion) reflected in its initial measurement at fair value, and will also be adjusted for changes in the estimate of the amount, timing and cost of the work to be carried out.

The actual future expenditures may differ from the amounts currently provided if the estimates made are significantly different than actual results or if there are future changes to environmental laws and regulations that could increase the extent of reclamation and remediation work required to be performed by the Company.

(vi) Stock-based compensation

The Company includes an estimate of forfeitures, share price volatility, expected life and risk-free interest rates in the calculation of the fair value for certain long-term incentive plans. These estimates are based on previous experience and may change throughout the life of an incentive plan. Such changes could impact the carrying value of property, plant and equipment, mineral exploration projects, inventory equity and earnings.

(vii) Determination of functional currency

The functional currency of the Company and each of its operations have been assessed by management based on consideration of the currency and economic factors that mainly influence the Company's gold sales,

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

production and operating costs, financing and related transactions. Changes to these factors may have an impact on the judgment applied in the determination of the functional currency.

(viii) Identification of impairment charges and impairment reversals

The Company considers, at each reporting date or whenever events or circumstances indicate the recoverable amount may be less than the carrying amount, whether or not there has been an impairment of the capitalized royalty interests, mineral exploration projects, or property, plant and equipment.

For non-producing properties, the recoverable amount is based on fair value less cost to sell where fair value is determined based on market values, for companies with similar projects. For producing mining properties, the recoverable amount is determined based on the expected future cash flows to be generated from the asset.

Significant assumptions include life of mine future projection profiles, future gold prices, mineral reserves and resources estimates, discount rates, income taxes, foreign exchange rates and capital expenditures. Assumptions underlying the fair value estimates are subject to risks and uncertainties.

If the Company determines there has been an impairment because its prior estimates of discounted future cash flows have proven to be inaccurate, due to reductions in the price of gold, increases in the costs of production, reductions in the amount of reserves and resources expected to be recovered or otherwise, the Company would be required to write-down the recorded value of its mineral explorations projects, or property, plant and equipment, which would reduce the Company's earnings and net assets.

An impairment provision is reversed if there has been a change in the estimates used to determine the recoverable amount and only to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation or amortization, if no impairment loss had been recognized.

(ix) Recoverable taxes

The Company is due refunds of certain taxes based on consumption, of which the timing of realization is uncertain. If these recoverable taxes are not collected, it could reduce the carrying value of these assets. Given limited methods available to recover these taxes and the length of time it takes to recover them, for certain of these recoverable taxes, management estimates their recoverable amount based on the manner and timing of expected recovery and historical losses when recovering the credits.

(x) Deferred taxes

The Company recognizes the deferred tax benefit related to tax assets and tax losses to the extent recovery is probable. Assessing the recoverability of deferred income tax assets requires management to make significant estimates of future taxable profit and expected timing of reversals of existing temporary differences. To the extent that future cash flows and taxable profit differ significantly from estimates, the ability of the Company to realize the deferred tax assets recorded at the balance sheet date could be impacted. In addition, future changes in tax laws could limit the ability of the Company to obtain tax deductions in future periods from tax assets and tax losses.

(xi) Other provisions and contingent liabilities

On an ongoing basis, the Company is subject to various claims and other legal disputes, mainly consisting of lawsuits filed by former employees, related to employment relationships mainly in Brazil, the outcomes of which cannot be assessed with a high degree of certainty. The most recurring claims are related to payment of

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

overtime, hours in itinerary, and health and safety. A liability is recognized where, based on the Company's legal views and advice, it is considered probable that an outflow of resources will be required to settle a present obligation that can be measured reliably.

By their nature, these provisions will only be resolved when one or more future events occur or fail to occur, which will bring resolution to their underlying cases. The assessment of such provisions inherently involves the exercise of significant judgment of the potential outcome of future events.

4. Share Consolidation

On August 27, 2020, the Company completed a share consolidation (the "Share Consolidation") of its outstanding common shares (the "Shares") on the basis of one (1) post-Consolidation Share for every ten (10) pre-Consolidation Shares. As a result of the Share Consolidation, the 723,502,108 common shares issued and outstanding as at that date were consolidated to 72,350,197 common shares on a non-diluted basis. The Share Consolidation was previously approved by shareholders at a meeting held on June 5, 2017. All information in these consolidated financial statements with respect to prior periods has been restated to be presented on a post-Share Consolidation basis.

5. Restricted cash

	D	ecember 31,	ı	December 31,
		2020		2019
Restricted cash - current portion				
Margin deposits (a)	\$	289	\$	372
Escrowiudicial deposits ^(b)		802		1,046
		1,091		1,418
Restricted cash - non-current portion				
Escrow judicial deposits ^(b)		649		4,684
		649		4,684
Total restricted cash	\$	1,740	\$	6,102

- a) Margin deposits paid in fulfillment of capital requirements associated with the Company's notes payable
- b) Escrow judicial deposits paid in relation to the Company's labour, civil and tax litigations (Note 17). In March 2020, the Company signed an agreement with the Turmalina mining right royalty beneficiaries, whereas (i) the parties agreed to discontinue all outstanding royalty entitlement legal claims against each other, (ii) the parties agreed to a reduced royalty charge of 2.5% of net revenue for the two year period from April 2020 to March 2022, and (iii) as a result of the termination of the ongoing lawsuits, the beneficiaries were able to withdraw the total amount that was in an escrow judicial account for royalties paid between May 2017 and January 2020. Upon execution of this agreement, the Company recognized a \$3.3 million decrease to Restricted cash, a \$3.3 million decrease to Other liabilities, and a \$nil impact to the consolidated statements of operations and comprehensive loss.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

6. Inventory

Inventory is comprised of the following:

	De	cember 31,	Dec	ember 31,
		2020		2019
Raw material and mine operating supplies	\$	8,763	\$	8,223
Ore in stockpiles		426		247
Gold in process		1,103		1,076
Unrefined gold doré		2,237		3,155
Total inventory	\$	12,529	\$	12,701

	Year E	nde	d
	December 31,		
	2020		2019
Depreciation included in cost of sales	\$ 15,055	\$	14,443

The inventory amount recognized in direct mining and processing costs for the year ended December 31, 2020 was \$54.3 million (\$55.6 million for the year ended December 31, 2019). During the year ended December 31, 2020, there were no inventory write downs to net realizable value (\$nil, during the year ended December 31, 2019).

7. Recoverable taxes

	Dec	ember 31,	Additions/	Write-	Sales of	Applied to taxes	Foreign	De	cember 31,
		2019	reversals	offs	credits	payable	exchange		2020
Value added taxes and other ^(a)	\$	13,133	\$ 6,313	\$ (432)	\$ -	\$ (10,098)	\$ (2,679)	\$	6,237
Provision for VAT and other (b)		(1,092)	-	-	-	-	245		(847)
Net VAT and other taxes	\$	12,041	\$ 6,313	\$ (432)	\$ -	\$ (10,098)	\$ (2,434)	\$	5,390
ICMS ^(c)	\$	7,536	\$ 2,790	\$ (1,525)	\$ (412)	\$ (541)	\$ (1,791)	\$	6,057
Provision for ICMS		(1,508)	(603)	-	-	-	326		(1,785)
Net ICMS	\$	6,028	\$ 2,187	\$ (1,525)	\$ (412)	\$ (541)	\$ (1,465)	\$	4,272
Total recoverable taxes	\$	18,069	\$ 8,500	\$ (1,957)	\$ (412)	\$ (10,639)	\$ (3,899)	\$	9,662
Less: current portion		12,658							4,944
Non-current portion	\$	5,411						\$	4,718

a) The Company is required to pay certain federal value added taxes in Brazil that are based on purchases of consumables and property, plant and equipment. These taxes are recoverable from the Brazilian tax authorities through various methods, including via cash refund or as a credit against payroll, supplier withholding taxes, or other taxes payable.

The Company continues to pursue approval of Federal VAT input tax credits with respect to the years 2008 through 2011 for its MSOL operating subsidiary and included in its Value added and other taxes balance. In July 2016, the Company initiated a lawsuit to obtain a court order to force the tax authority to review the Company's remaining tax credits for MSOL with respect to the years 2008 to 2011, amounting to R\$36.0 million (approximately \$11.0 million). A court order was granted and by November 2016, the Tax Authority reviewed the claim and granted a favourable decision to partially recognize the amount claimed, deeming R\$1.5 million (approximately \$0.5 million) due to the Company. The Company collected this amount and proceeded to appeal the Tax Authority's review result in pursuit of further tax credit refund recognition on

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

the remainder of this claim. At December 31, 2020, the Company is awaiting the Tax Authority's review result of its appeal to receive the remainder.

In the year ended December 31, 2020, the Company applied R\$25.0 million (\$5.0 million) in federal value added taxes and other tax credits to pay INSS tax obligations, R\$10.5 million (\$2.1 million), respectively, to pay goods and service withholding tax obligations, and R\$15.1 milion (\$3.0 million) to pay income tax and social contribution tax obligations.

- b) The Company has recorded a provision against its recoverable taxes in Brazil given the limited methods available to recover such taxes and the length of time it will take to recover such taxes. The provision reduces the net carrying amount of value added taxes and other taxes to their estimated recoverable value. In the year ended December 31, 2020, the Company applied a 5% provision for VAT and other taxes (December 31, 2019 - 5%).
- c) ICMS Imposto sobre circulação de mercadorias e prestação de serviços is a type of value added tax which can either be sold to other companies, usually at a discount rate of 15% - 30%, be used to satisfy ICMS tax settlement installments due, or be used to purchase specified machinery and equipment, as subject to approval by government authority. The ICMS credits can only be realized in the state where they were generated; in the case of Jaguar, in the State of Minas Gerais, Brazil.

In November 2020, the Minas Gerais State Tax Authority completed its review of the Company's ICMS tax credits for the period January 2015 to September 2020 and nullified R\$ 7.4 million (approximately \$1.5 million) in tax credits recognized on electricity, fuel, parts, and chemicals costs, claiming that such were not direct inputs in the production process and thus did not meet the required criteria for recognition. The Company recorded a write-off of ICMS tax credits accordingly and no fine was assessed.

In the year ended December 31, 2020, the Company started the period with R\$0.6 million (approximately \$0.1 million) in ICMS export tax credits authorized and available for sale. The Company received approval from the state tax authority to sell an additional R\$7.3 million (approximately \$1.3 million), and the Company sold R\$2.2 million (approximately \$0.4 million) in credits. As at December 31, 2020, the Company held R\$5.2 million (approximately \$1.0 million) in ICMS export tax credits authorized for sale but not yet sold (December 31, 2019 – R\$0.6 million, approximately \$0.1 million).

8. Other accounts receivable and Royalty interests

	December 31,	December 31,
	2020	2019
Due from Oz Minerals Ltd Gurupi Sale	5,000	5,000
Other accounts receivable	61	590
Total other accounts receivable	\$ 5,061	\$ 5,590
Less: current portion	61	590
Non-current portion	\$ 5,000	\$ 5,000

On September 17, 2017, the Company entered into an accelerated earn-in agreement ("the Accelerated Earn-In Agreement") to sell to Avanco Resources Limited ("Avanco") its Gurupi mineral exploration properties and the Brazilian subsidiary in which they were held. In October 2017, the Company completed the sale of its Gurupi Project ("Gurupi") to Avanco by transferring the quotas (i.e. equity shares) in MCT Mineração Ltda. that were held directly or indirectly by the Company, to Avanco, pursuant to the Accelerated Earn-In Agreement. In August 2018, Avanco was 100% acquired by Oz Minerals Limited ("Oz Minerals"), which made Oz Minerals the successor counterpart to the Accelerated Earn-In Agreement and its associated assets and liabilities for Gurupi.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

Under the terms of the Accelerated Earn-In Agreement, and following the satisfactory completion of certain closing conditions, Oz Minerals earned 100% of Jaguar's equity interest in Gurupi by committing (i) to pay to Jaguar \$9 million in aggregate cash payments and (ii) to pay Jaguar a net smelter royalty valued at 1% on the first 0.5 million gold ounces sold, 2% on gold ounces sold in excess of 0.5 million oz and up to 1.5 million oz, and 1% NSR on gold ounces sold in excess of 1.5 million oz. Oz Minerals also holds a first right of refusal to acquire the Paciência Processing Plant should the Company seek to divest such an asset at a future time.

In July 2019, Oz Minerals published an Australian Joint Ore Reserve Committee (JORC) code compliant prefeasibility study technical report for the Gurupi Project, announcing mineral reserves of 1,100,000 ounces of gold, which fulfilled in a timely manner its contractual obligation to do so in under 24 months as from the acquisition

In connection with the sale of Gurupi, Jaguar received an initial aggregate cash payment of \$4 million, in two installments of \$2 million each in September and October 2017. The Company will collect the additional \$5 million from Oz Minerals in a series of 10 instalments of \$500,000, in the month in which Oz Minerals receives "clear title and access" to the project, which continued to await government approval up through December 31, 2020. Due to uncertainty on timing for government approval granting "clear title and access," the Company estimates collection on this balance receivable to start in to 2022, and continued to classify its underlying asset as noncurrent as at December 31, 2020, The net smelter royalties will be received throughout the life of mine of the Gurupi Project.

As at December 31, 2020, the Company held the following assets related to the Gurupi project sale: (i) a \$5 million amount due from Oz Minerals classified as Other accounts receivable (December 31, 2019 - \$5 million) and (ii) a \$8.5 million net smelter royalty receivable from Oz Minerals classified as Royalty interests (December 31, 2019 – \$8.5 million).

	December 31	, D	ecember 31,
	2020)	2019
Oz Minerals Ltd Gurupi	\$ 8,476	\$	8,476
Total royalty interests	\$ 8,476	\$	8,476

As at December 31, 2020, there were no indicators of impairment on Royalty interests (December 31, 2019 – \$nil).

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

9. Property, plant and equipment ("PP&E")

									Mining	
	Plant	Vehicles	Equ	uipment ¹	Lea	asehold ²		CIP ³	properties	Tota
Cost										
Balance as at January 1, 2020	\$ 13,578	\$ 6,197	\$	199,121	\$	3,412	\$	3,415	\$ 454,786	\$ 680,509
Additions	9	-		1,880		1,006		7,439	25,570	35,904
Disposals ⁴	-	(1,370)		(2,383)		-		-	(380)	(4,133)
Reclassify within PP&E	-	162		1,469		-		(1,631)	-	-
Balance as at December 31, 2020	\$ 13,587	\$ 4,989	\$	200,087	\$	4,418	\$	9,223	\$ 479,976	\$ 712,280
Balance as at January 1, 2019	\$ 13,578	\$ 6,363	\$	194,662	\$	2,380	Ş	2,678	\$ 431,412	\$ 651,073
Additions	-	-		3,946		1,032		4,126	25,927	35,031
Disposals	-	(166)		(2,876)		-		-	(2,553)	(5,595)
Reclassify within PP&E	-	-		3,389		-		(3,389)	-	-
Balance as at December 31, 2019	\$ 13,578	\$ 6,197	\$	199,121	\$	3,412	\$	3,415	\$ 454,786	\$ 680,509
Accumulated depreciation and impair	ment									
Balance as at January 1, 2020	\$ 12,514	\$ 2,395	\$	174,270	\$	2,407	\$	685	\$ 370,208	\$ 562,479
Depreciation for the period	940	205		6,046		996		-	7,020	15,207
Impairment (reversal)	(26)	(21)		(4,616)		(6)		(119)	(5,794)	(10,581)
Disposals 4	-	(916)		(1,550)		-		-	-	(2,466)
Balance as at December 31, 2020	\$ 13,428	\$ 1,663	\$	174,150	\$	3,397	\$	566	\$ 371,434	\$ 564,639
Balance as at January 1, 2019 ⁵	\$ 12,196	\$ 3,105	\$	167,913	\$	2,227	\$	685	\$ 367,154	\$ 553,280
Depreciation for the period	318	237		7,400		180		-	6,126	14,261
Disposals	-	(947)		(1,043)		-		-	(3,072)	(5,062)
Balance as at December 31, 2019	\$ 12,514	\$ 2,395	\$	174,270	\$	2,407	\$	685	\$ 370,208	\$ 562,479
Carrying amounts										
As at December 31, 2020	\$ 159	\$ 3,326	\$	25,937	\$	1,021	\$	8,657	\$108,542	\$ 147,641
As at December 31, 2019	\$ 1,064	\$ 3,802	\$	24,851	\$	1,005	\$	2,730	\$ 84,578	\$ 118,030

¹ As at December 31, 2020, the Company had equipment under right-of-use leases at a cost and net book value of \$10.1 million and \$6.7 million, respectively (December 31, 2019 - \$8.3 million and \$6.6 million, respectively).

As at December 31, 2020, mining properties include the following properties which are in production, or are under development:

a) Turmalina Project

The Turmalina project terms include a royalty payable by the Company to an unrelated third party. The royalty is a net revenue interest of 5% of annual net revenue up to \$10.0 million and 3% thereafter. Pursuant to the

² Refers to leasehold improvements in corporate office in Brazil.

³ Refers to construction in progress.

⁴ Based on the results of a physical fixed asset inventory concluded in October 2020, the Company recast the opening balances with a nil impact to carrying value and recognized a loss on disposition of \$1.3 million to Other non-operating expenses in the consolidated statement of operations and comprehensive income (loss) for the year ended December 31, 2020.

⁵ In December 2020, while determining the amounts of impairment reversal in the period, the Company reviewed the impairment provision presentation allocations recorded in prior years between PP&E and Mineral Exploration assets for each CGU, and determined an immaterial presentation reclassification relating to prior periods was required for the Caeté CGU. As a result, the Company has recast the January 1, 2019 opening balances presented herein, decreasing the January 1, 2019 property, plant and equipment carrying amount by \$12.7 million and increasing the mineral exploration carrying amount by \$12.7 million. These reclassifications had no impact on the amount of the impairment reversal recorded in 2020, or on the statements of operations, comprehensive income (loss) and cash flows of the current or any prior years.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

agreement made in March 2020 as further detailed in Note 5, Turmalina's royalty charge is temporarily reduced to 2.5% of net revenue for the two-year period from April 2020 to March 2022.

b) Paciência Project - Santa Isabel, Marzagão, Rio de Peixe Oxide, Chame, and Bahú mines

In November 2003, the Company closed a property acquisition agreement dated April 17, 2003 whereby the Company acquired certain mineral rights from AngloGold for \$818,000. The mineral rights acquired relate to the following properties in the Paciência Project: Santa Isabel, Morro do Adão, Bahu, and Marzagão, and the following properties in the Caeté Project: Catita and Camará. The Company will also pay a sliding scale net smelter royalty ("NSR"), from 1.5% to 4.5% of gross revenue, on gold and other precious metals produced from the properties, based on precious metal prices at the time of production.

If the Company discovers, on a concession basis, in excess of 750,000 ounces of gold over the measured and indicated resources used in the agreement, AngloGold has the right to buy-in up to 70% of that concession for a predetermined price. If this were to occur, the Company would retain a 30% interest and would receive the same sliding scale NSR payment from AngloGold as the one mentioned above.

As at December 31, 2020 the carrying amount for the Paciência project is \$nil, due to past impairment charges (December 31, 2019 - \$nil) as the project is currently in care and maintenance.

c) Caeté Project - Roça Grande and Pilar mines

The Company is required to pay royalties of 0.5% of revenue to the landowners of the Pilar mine site.

d) Impairment and impairment reversal

The Turmalina, Caeté, and Paciência projects are each cash generating units ("CGUs") which include property, plant and equipment, mineral rights, deferred exploration costs, and asset retirement obligations net of amortization. The CGUs also include mineral exploration project assets relating to properties not in production such as mineral rights and deferred exploration costs. A CGU is generally an individual operating mine or development project.

As at December 31, 2020, the Company assessed each CGU for triggers of potential impairment or potential reversal to impairment. In the event such triggers were identified, the Company proceeded to compare the CGU's carrying value to the recoverable amount determined. The recoverable amount was determined to be the fair value less costs to dispose ("FVLCD") and the Company's estimate of the FVLCD is classified as Level 3 in the fair value hierarchy based on the inputs used in the valuation technique.

The significant assumptions used in determining the recoverable amount of the project were life of mine (LOM) future production profiles, future gold prices, proven and probable reserves and estimated amount of resources, discount rates, foreign exchange rates, and capital expenditures. LOM plans are typically developed annually and are based on management's current best estimates of optimized mine and processing plans, future operating expenditures and capital costs, and income taxes. The Company bases its future gold price estimate with reference to forward prices and industry analyst consensus.

As at December 31, 2020, the following were the triggers for potential impairment or potential reversal to impairment identified:

Turmalina

At December 31, 2020 the Company identified ongoing operational improvements, improved operating costs, and an improved discount rate, collectively, as indicators to test for impairment (reversal).

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

The estimates of future cash flows were derived from the most recent LOM plans which extend to 2031 for Turmalina. For the determination of the impairment reversal, a gold price estimate of \$1,850 was used for 2021, and ranging from \$1,750 to \$1,400 for 2022 and beyond. A weighted average cost of capital discount rate of 7.4% was used to present value the estimated future cash flows from the operation. The assessment indicated that the discounted cash flows exceeded its carrying value of the Turmalina project as at December 31, 2020, and consequently an impairment reversal of \$10.9 million was recorded. The impairment reversal for the year ended December 31, 2020 was allocated as follows: \$8.1 million to property, plant and equipment and \$2.8 million to mineral exploration projects.

Pilar

At December 31, 2020 the Company identified ongoing operational improvements, improved operating costs, and an improved discount rate, collectively, as indicators to test for impairment (reversal).

The estimates of future cash flows were derived from the most recent LOM plans which extend to 2027 for Pilar. For the determination of the impairment reversal, a gold price estimate of \$1,850 was used for 2021, and ranging from \$1,750 to \$1,400 for 2022 and beyond. A discount rate of 7.4% was used to present value the estimated future cash flows from the operation. The assessment indicated that the discounted cash flows of the Caeté project exceeded the carrying value of the project as at December 31, 2020, and consequently an impairment reversal of \$3.1 million was recorded. The impairment reversal for the year ended December 31, 2020 was allocated as follows: \$2.5 million to property, plant and equipment and \$0.6 million to mineral exploration projects.

10. Mineral exploration projects

	Tur	malina		Caeté	Ped	ra Branca		Total
Balance as at January 1, 2020	\$	547	\$	18,398	\$	405	\$	19,350
Additions		46		-		-		46
Impairment reversal		2,802		639		-		3,441
Balance as at December 31, 2020	\$	3,395	\$	19,037	\$	405	\$	22,837
Balance as at January 1, 2019 ¹	\$	547	\$	18,398	\$	405	\$	19,350
Balance as at December 31, 2019	Ś	547	Ś	18,398	Ś	405	Ś	19,350

¹ As further described in Note 9, the Company determined an immaterial presentation reclassification relating to prior periods was required for the Caeté CGU, and, therefore, has recast the January 1, 2019 opening balances presented herein.

a) Turmalina

The costs relate to the Satinoco property (Ore Body D) and Faina and Pontal, adjacent to the Turmalina plant and mine, not currently in commercial production. The property is subject to a royalty payable to a third party (Note 9(a)).

b) Caeté

The Caeté mineral exploration project includes the following exploration properties: Pilar-sulphide, Catitasulphide, Camará, Roça Grande, Serra Paraíso-sulphide, and Trindade.

c) Pedra Branca

On July 29, 2020, the Company entered into a definitive option agreement (the "Option Agreement") with South Atlantic Gold Corp. (formerly known as Jiulian Resources Inc.) to sell up to a 100% interest in the Pedra Branca project: (i) South Atlantic Gold can acquire a 75% interest by incurring US\$1 million in earn-in exploration expenditures. Jaguar retains a back-in-right to buy back a 24% interest and solidify a 49% ownership interest in

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

the Project by paying South Atlantic Gold 2.5 times the earn-in expenditures incurred by South Atlantic Gold. If Jaguar does not exercise its back-in-right, South Atlantic Gold can increase its interest to 100% by (i) delivering a technical report compliant with National Instrument 43-101 - Standards of Disclosure for Mineral Projects ("NI 43-101") and (ii) granting a 0.5% net smelter royalty ("Jaguar NSR") to Jaguar. South Atlantic Gold can purchase half of the Jaguar NSR for US\$1 million. The Pedra Branca project also remains subject to a net smelter royalty due to Glencore as follows:

- (i) Base Metal 1.0% on gross revenues over any production, and
- (ii) Gold Deposit In the case of Measured and Indicated Resources of up to 200,000 gold ounces, the original vendors will be entitled to a 0.5% royalty on gross revenues and a US\$500,000 payment due within 3 months after commercial production. In the case of Measured and Indicated Resources in excess of 200,000 gold ounces, the original vendors will be entitled to a 1.0% royalty on gross revenues and in this scenario 0.5% of the royalty may be purchased for US\$750,000.

As at December 31, 2020, South Atlantic Gold has yet to meet the US\$1 million earn-in exploration expenditure investment required to acquire a 75% interest in the project, and the Company maintains a \$0.4 million balance capitalized for the Pedra Branca project.

11. Accounts payable and accrued liabilities

	December 31	. [December 31,
	2020)	2019
Accounts payable	\$ 11,639	\$	10,369
Accrued payroll	7,138		5,693
Other	74		79
Total accounts payable and accrued liabilities	\$ 18,851	\$	16,141

12. Notes payable

	Decem	ber 31,	D	ecember 31,
		2020		2019
Notes payable - current portion				
Bank indebtedness ^(a)	\$	3,058	\$	4,477
Vale note ^(b)		-		1,115
		3,058		5,592
Total notes payable	\$	3,058	\$	5,592

a) Bank indebtedness

As at December 31, 2020, bank indebtedness included \$3.1 million in unsecured promissory notes, holding maturities through March 2021 and bearing interest rates ranging from 4.9% to 6.2%. As at December 31, 2019, bank indebtedness included \$4.5 million in unsecured promissory notes, holding maturities from March 2020 through May 2020 and bearing interest rates ranging from 6.0% to 7.4%.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

b) Vale Note

In the year ended December 31, 2020, the Company fully repaid the Vale note balance due.

13. Leases and Right-of-use assets

a) Right-of-use assets

The Company's significant lease arrangements include contracts for leasing mining equipment. As at December 31, 2020, \$7.5 million of right-of-use assets are recorded as property, plant and equipment (Note 9).

	2	20	2019
Right-of-use assets, net book value at January 1	\$ 6,5	60 \$	4,688
Additions	2,5	71	2,876
Amortization	(1,6	70)	(1,004)
Right-of-use assets, net book value at December 31	\$ 7,4	61 \$	6,560

b) Lease liabilities

The Company has acquired certain equipment through the assumption of lease obligations. These obligations are secured by promissory notes. When measuring the value of the lease liabilities, the Company discounted lease payments using its 8.75% weighted average incremental borrowing rate at December 31, 2020 (December 31, 2019 – 10.41%). The following table outlines the total minimum loan payments due for lease obligations over their remaining terms as at December 31, 2020 and December 31, 2019:

	December 31,	December 31,
	2020	2019
Less than 1 year	1,561	2,198
1 - 3 years	1,201	1,096
3 - 5 years	311	139
Total minimum loan payments	3,073	3,433
Less: Future finance charges	(350)	(444)
Present value of minimum loan payments	\$ 2,723	\$ 2,989
Less: current portion	1,530	2,020
Non-current portion	\$ 1,193	\$ 969

For the year ended December 31, 2020, the Company recognized \$81,000 in accretion expense and \$456,000 in foreign exchange gains in the consolidated statement of operations, and the Company presented \$2.1 million in lease liability debt repayments in its statement of cash flows, as further detailed in Note 26(f) (\$76,000 in accretion expense, \$86,000 in foreign exchange losses, and \$2.5 million in lease repayments for the year ended December 31, 2019).

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

14. Income taxes

a) Income tax expense

The following table shows the components of current and deferred tax expense:

	December 31,	December 31,
	2020	2019
Current income tax expense	\$ 14,536	\$ 871
Deferred income tax expense	-	-
Total income tax expense	\$ 14,536	\$ 871

b) Tax rate reconciliation

The provision for income taxes differs from that which would be expected by applying the combined Canadian federal and provincial statutory income tax rate to income (loss) before income taxes. A reconciliation of the difference is as follows:

	D	ecember 31,	De	ecember 31,
		2020		2019
Income (loss) before income taxes	\$	86,816	\$	723
Combined Canadian federal and provincial income tax rate		26.50%		26.50%
Expected income tax expense (recovery)	\$	23,006	\$	192
Increase (decrease) in tax expense resulting from:				
Change of prior year tax loss carryover	\$	4,219		-
Foreign exchange on deferred taxes		22,783		2,195
Change in benefit of non-capital losses not recognized		(29,897)		(699)
Change in benefit of other temporary differences not recognized		(13,056)		(1,714)
Difference in foreign tax rate and Canadian tax rate		6,843		500
Non-deductible (taxable) expense		638		397
Income tax expense	\$	14,536	\$	871

c) Deferred tax assets

Deferred tax assets have not been recognized in respect of the following items:

	De	December 31,		ecember 31,
		2020		2019
Deductible temporary differences	\$	51,997	\$	91,113
Tax losses		177,291		264,089

In addition to the deductible temporary differences disclosed above, there is \$444.6 million (2019 - \$521.0 million) of deductible temporary differences associated with investment in subsidiaries for which deferred tax assets have not been recognized.

Deferred tax assets have not been recognized in respect of these items because it is not probable that future taxable profit will be available against which the Company can utilize the benefits.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

d) Tax losses

As at December 31, 2020, the Company's Canadian non-capital losses, that can be applied against future taxable profit amount to \$46.4 million (December 31, 2019 - \$42.0 million), and will expire as follows:

Evniru voar	
Expiry year	2020
2034	\$ 7,425
2035	6,873
2036	5,708
2037	7,231
2038	9,504
2039	6,125
2039	3,548
Total	\$ 46,414

The Company has Canadian capital losses of \$17.5 million (December 31, 2019 - \$17.9 million) which can be carried forward indefinitely. These losses can only be applied against capital gains.

The Company has Brazilian non-capital losses of \$131.6 million (equivalent to R\$683.9 million) which can be carried forward indefinitely, however only 30% of the taxable income in one year can be applied against the loss carryforward balance (December 31, 2019 - \$211.1 million (equivalent to R\$850.8 million)).

e) Movement in net deferred tax liabilities

	2020	2019
Balance at the beginning of the year - January 1	\$ -	\$ -
Balance at the end of the year - December 31	\$ -	\$ _

Recognized deferred tax assets and liabilities

The following table summarizes the types of recognized deferred tax assets and liabilities:

	D	ecember 31,	D	ecember 31,
		2020		2019
Deferred tax assets				
Non-capital losses	\$	5,892	\$	1,960
Financing fees		140		181
Total deferred tax assets	\$	6,032	\$	2,141
Deferred tax liabilities				
Unrealized foreign exchange gain	\$	(1,223)	\$	(1,555)
Inventory		(1,009)		(569)
Intangible asset		-		(16)
Mineral properties		(3,799)		-
Property, plant and equipment		(1)		(1)
Total deferred tax liabilities	\$	(6,032)	\$	(2,141)
Deferred tax liabilities - net	\$	-	\$	-

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

15. Other taxes payable

	December 31,		Α	dditions			Foreign	ı	December 31,
		2019	(re	versals)	Accretion	Payments	exchange		2020
ICMS settlement due ^(a)	\$	1,816		277	19	(750)	(436)	\$	926
INSS		321		2,217	33	(415)	13		2,169
IRPJ & CSLL settlement and other federal taxes		-		833	5	(59)	31		810
Withholding tax provision ^(b)		8,170		-	-	-	-		8,170
Total Other taxes payable	\$	10,307	\$	3,327	\$ 57	\$ (1,224)	\$ (392)	\$	12,075
Less: current portion		642							1,153
Non-current portion	\$	9,665						\$	10,922

a) In June 2018, the Company decided to enter into an Administrative Agreement with the Minas Gerais State Tax Authority in order to pay an historical debt dating back from 2008 to 2014 of R\$8.3 million (approximately \$2.2 million) in ICMS taxes. The agreement was ratified by the parties in July 2018.

This debt has its origin in ICMS levied on electricity ("Demanda Contratada") in which the Superior Courts have ruled in the taxpayer's favour. The Company filed an appeal against the levy of the ICMS and the likelihood of the Company losing the appeal has been assessed as remote. Although the Company would likely win the judicial lawsuit, the Company took the decision to pay the mentioned debt in instalments, using its tax credits (non-cash), in order to facilitate and accelerate its ICMS tax credit recovery in cash.

b) As at December 31, 2020, the Company's \$8.2 million federal withholding income tax provision remained outstanding (December 31, 2019 - \$8.2 million).

16. Reclamation provisions

	Dec	ember 31, 2019	Addit (rever		Ac	cretion	Pay	ments		Foreign exchange	l	December 31, 2020
Reclamation provision	\$	15,775	\$ (3	380)	\$	526	\$	(219)	\$	(3,540)	\$	12,162
Less: current portion		390										623
Non-current portion	\$	15,385									\$	11,539
	Dec	ember 31,	Addit	ions			Foreign		- 1	December 31,		
		2018	(rever	sals)	Αc	cretion	Pay	ments		exchange		2019
Reclamation provision	\$	15,312	\$	78	\$	1,265	\$	(258)	\$	(622)	\$	15,775
Less: current portion		335										390
Non-current portion	\$	14,977									\$	15 <i>,</i> 385

The reclamation provisions relate to the cost to reclaim land that has been disturbed as a result of mining activity. As at December 31, 2020, the reclamation provision was determined using projected rates from Brazil's Central Bank, whereas (i) the estimated future cash flows were discounted by the projected risk-free interest rate (SELIC) ranging from 2.48% to 5.88% per annum and (ii) the future expected cost estimates were updated for inflation using a consumer price index (IPCA) ranging from 3.24% to 3.41% per annum (December 31, 2019 – 4.50% discount rate and inflation rate ranging from 3.8% to 4.0% per annum).

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

The Company expects to spend approximately \$16.4 million (amount not discounted or adjusted for inflation) which will be incurred between 2021 and 2029 to reclaim the areas explored (December 31, 2019 – \$21.0 million).

17. Legal and other provisions

Various legal, environmental, tax and regulatory matters are outstanding from time to time due to the nature of the Company's operations. For its matters outstanding, Management, in conjunction with its internal and external legal counsel, assesses the estimated value at risk and the Company's probability of loss. A provision is recorded for cases in which the Company has determined the probability of loss as more likely than not and the amount can be reasonably estimated. In the event that management's estimate of the future resolution of these matters changes, the Company will recognize the effects of the changes in its consolidated financial statements on the date such changes occur.

As at December 31, 2020, the Company has recognized a provision of \$8.0 million (December 31, 2019 - \$15.6 million) representing management's best estimate of expenditures required to settle present obligations, as noted in the table below. The ultimate outcome or actual cost of settlement may vary materially from management estimates due to the inherent uncertainty regarding the Company's estimates.

	Dec	ember 31,		Reversals/		Foreign	December 31,
		2019	Additions	Transfers	Payments	exchange	2020
Labour litigation	\$	10,274	\$ 1,739	\$ (1,143) \$	(1,914) \$	(2,304)	\$ 6,652
Civil litigation ^(a)		1,587	88	(95)	(25)	(574)	981
Tax litigation		3,383	175	(3,379)	(8)	(120)	51
Other provisions		340	32	-	7	(79)	300
Total legal and other provisions	\$	15,584	\$ 2,034	\$ (4,617) \$	(1,940) \$	(3,077)	\$ 7,984
Less: current portion		4,041					2,827
Non-current portion	\$	11,543					\$ 5,157

	Dece	mber 31,				Foreign	Dec	ember 31,
		2018	Additions	Reversals	Payments	exchange		2019
Labour litigation	\$	9,756	\$ 6,731	\$ (1,115) \$	(4,646)	\$ (452)	\$	10,274
Civil litigation		1,432	289	(81)	-	(53)		1,587
Tax litigation		-	3,383	-	-	-		3,383
Other provisions		293	60	-	-	(13)		340
	\$	11,481	\$ 10,463	\$ (1,196) \$	(4,646)	\$ (518)	\$	15,584
Less: current portion		3,871						4,041
Non-current portion	\$	7,610					\$	11,543

a) In November 2020, the Company received two injunctions from the Minas Gerais State Institute of Forestry (Instituto Estadual de Floresta (IEF)) alleging that the Company did not fulfill certain terms of commitment agreed to with the IEF in order to obtain the required environmental permits for the Pilar Mine, and, therefore, owes a fine for failing to fulfill its commitments. The terms in question required fulfillment up to February 2008 and June 2009. In reviewing the injunctions alongside its external legal counsel, the Company assesses the injunctions to collectively hold a possible likelihood of loss of R\$ 7.0 million (approximately \$1.3 million) and a probable likelihood of loss of R\$ 0.8 million (approximately \$0.2 million). In December 2020, the Company filed a defense to report the measures taken and evidence which demonstrates the Company's fulfillment of the terms in question, and, as at December 31, 2020, the Company is awaiting the IEF's response to its defense filed.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

18. Capital stock

a) Common shares

The Company is authorized to issue an unlimited number of common shares. All issued shares are fully paid and have no par value. The number of shares and per share amounts have been restated to reflect the Share Consolidation that occurred on August 24, 2020 (Note 4). Changes in common shares for the years ended December 31, 2020 and 2019 are as follows:

		Number of	
		shares	Amount
Balance as at December 31, 2019		72,393,355	\$ 570,911
Shares purchased and cancelled in normal course issuer bid ¹		(753,126)	(5,953)
Shares issued upon exercise of stock options	Note 18(b)	280,144	276
Shares issued upon redemption of deferred share units	Note 18(c)	198,247	500
Balance as at December 31, 2020		72,118,620	\$ 565,734
Balance as at December 31, 2018		32,850,568	\$ 546,254
Shares issued from private placement ²		39,411,765	24,348
Shares issued upon exercise of stock options	Note 18(b)	20,000	26
Shares issued upon redemption of deferred share units	Note 18(c)	111,022	283
Balance as at December 31, 2019		72,393,355	\$ 570,911

1) On June 16, 2020, the Toronto Stock Exchange accepted Jaguar's notice to make a normal course issuer bid (the "Bid") to purchase for cancellation up to 3,623,269 common shares in the capital of the Company ("Common Shares") in total, being 5% of the issued and outstanding Common Shares as at the date of Jaguar's notice to the TSX. According to the terms of the Bid, the Company's daily purchases are subject to a daily limit, the Company reserves the right to not purchase shares and may elect to suspend or discontinue the Bid at any time. The Bid commenced on June 18, 2020 and will terminate on June 17, 2021, or such earlier time as the Bid is completed or terminated at the option of Jaguar.

During the year ended December 31, 2020, the Company purchased and cancelled 753,126 shares in exchange for \$3.5 million in cash (nil shares for \$nil, for the year ended December 31, 2019). As at December 31, 2020, 2,870,143 shares remained available and subject to purchase for cancelation under the Bid (December 31, 2019: Nil).

The total amount paid to purchase the shares is allocated to Common shares and Contributed surplus in the Company's consolidated financial statements. The amount allocated to Common shares is based on the average cost carrying amount per common share and amounts paid above or below the average cost carrying amount are allocated to Contributed surplus.

2) On July 8, 2019, the Company closed a non-brokered private placement offering and issued a combined total of 39,411,765 common shares at a price of C\$0.85 per share in exchange for aggregate gross proceeds of \$25.0 million. The Company incurred \$652,000 in transaction costs associated with the offering, including finders fees, legal fees, and financial advisory fees.

b) Stock options

The Stock Option Plan ("SOP") provides for the issuance of options to employees, directors, or officers of the Company, its subsidiary, or any of its affiliates, consultants, and management employees.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

The aggregate number of shares available at all times for issuance under the SOP shall not exceed 10% of the total issued and outstanding common shares of the Company (calculated on a non-diluted basis). Any option, which has been exercised, cancelled or forfeited, will again be available for grant under the SOP. The Board of Directors has the power to determine terms of any options and units granted under the Company's incentive plans, including setting exercise prices, vesting terms and expiry dates.

The following table shows the movement of stock options for the years ended December 31, 2020 and 2019:

	Number of options	Weighted average exercise price (C\$)
Balance as at December 31, 2019	1,183,148	\$ 2.54
Options granted ¹	285,500	2.68
Options exercised ²	(360,878)	1.77
Options forfeited ⁵	(31,894)	2.24
Balance as at December 31, 2020	1,075,876	\$ 2.84
Balance as at December 31, 2018	281,715	\$ 5.10
Options granted ³	930,000	1.82
Options exercised ⁴	(20,000)	1.00
Options forfeited ⁵	(8,567)	12.10
Balance as at December 31, 2019	1,183,148	\$ 2.54

1) On January 15, 2020, 175,000 stock options were granted to executives of the Company. The options are exercisable at a price of C\$2.50 and expire on January 15, 2028. The options vest on a quarterly basis, in twelve equal instalments, starting on January 31, 2020 and are exercisable upon vesting. These options had a grant date fair value of C\$1.77 per option, measured using the Black-Scholes option pricing formula with inputs as follows: an exercise price of C\$2.50, a risk free rate of 1.69%, a volatility factor of 100%, and an expected life of 8.0 years.

On January 15, 2020, 102,000 stock options were granted to directors of the Company and are exercisable at a price of C\$2.50 with expiry on January 15, 2028. These options vested immediately upon grant and had a grant date fair value of C\$1.77 per option, measured using the Black-Scholes option pricing formula with inputs as follows: an exercise price of C\$0.25, a risk free rate of 1.69%, a volatility factor of 100%, and an expected life of 8.0 years.

On August 19, 2020, 8,500 stock options were granted to directors of the Company and are exercisable at a price of C\$8.70 with expiry on August 19, 2028. These options vested immediately upon grant and had a grant date fair value of C\$6.73 per option, measured using the Black-Scholes option pricing formula with inputs as follows: an exercise price of C\$8.70, a risk free rate of 0.26%, a volatility factor of 91%, and an expected life of 8.0 years.

The expected volatility was estimated using the Company's historical data from the date of grant and for a period corresponding to the expected life of the options.

2) In the year ended December 31, 2020, officers and directors of the Company exercised a total 360,878 options, including (i) 188,752 options at an exercise price of C\$1.00, (ii) 68,000 options at an exercise price of C\$2.50, (iii) 65,626 options at an exercise price of C\$2.10, and (iv) 38,500 options at an exercise price of C\$3.70. The exercises were paid for with \$87,000 in cash proceeds to the Company and \$229,000 in 80,734 stock option contributionsin-kind. As a result of the options exercised, the Company issued 280,144 common shares.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

3) On May 31, 2019, 125,000 stock options were granted to executives of the Company. The options are exercisable at a price of C\$1.00 and expire on May 31, 2027. The options vest on a quarterly basis, in twelve equal instalments, starting on August 31, 2019 and are exercisable upon vesting. These options had a grant date fair value of C\$0.45 per option, measured using the Black-Scholes option pricing formula with inputs as follows: an exercise price of C\$1.00, a risk free rate of 1.48%, a volatility factor of 69%, and an expected life of 4.0 years.

On May 31, 2019, 160,000 stock options were granted to directors of the Company and are exercisable at a price of C\$1.00 with expiry on May 31, 2027. These options had a grant date fair value of C\$0.45 per option, measured using the Black-Scholes option pricing formula with inputs as follows: an exercise price of C\$1.00, a risk free rate of 1.48%, a volatility factor of 69%, and an expected life of 4.0 years. Of these options, 120,000 vested immediately upon resolution approval on May 31, 2019 and 40,000 vest monthly in six equal instalments starting on June 30, 2019. On May 31, 2019, the Company approved an extension of the exercise period applicable to all stock options held by directors, whereas all vested options may be exercised up to one year following the retirement of such directors. This change in exercise period did not have a material impact to the fair value of the stock options outstanding.

On August 5, 2019, 600,000 stock options were granted to executives of the Company. The options are exercisable at a price of C\$2.20 and expire on August 5, 2027, including (i) 300,000 options which vest on a quarterly basis, in twelve equal instalments, starting on September 30, 2019, (ii) 100,000 options which vest if and when the volume weighted average price (VWAP) is equal to or exceeds C\$4.40, (iii) 100,000 options which vest if and when the volume weighted average price (VWAP) is equal to or exceeds C\$5.50, and (iv) 100,000 options which vest if and when the volume weighted average price (VWAP) is equal to or exceeds C\$6.60. These options are exercisable upon vesting and had a grant date fair value of C\$1.28 per option, measured using the Black-Scholes option pricing formula with inputs as follows: an exercise price of C\$2.20, a risk free rate of 1.41%, a volatility factor of 77%, and an expected life of 8.0 years.

On October 4, 2019, 45,000 stock options were granted to directors of the Company and are exercisable at a price of C\$1.90 with expiry on October 4, 2027 and vesting immediately upon grant. These options had a grant date fair value of C\$1.50 per option, measured using the Black-Scholes option pricing formula with inputs as follows: an exercise price of C\$1.90, a risk free rate of 1.42%, a volatility factor of 77%, and an expected life of 8.0 years.

- 4) In September 2019, 20,000 stock options were exercised by a director of the Company upon resignation at an exercise price of C\$1.00. Upon exercise, the Company issued 20,000 common shares (Note 18(a)) and received \$20,000 in share issuance proceeds.
- 5) Relates to the forfeiture of the options upon expiry or upon resignation of former executives and directors.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

The table below shows the outstanding stock options as at December 31, 2020 and 2019:

		Outstandi	ng	Ve	ested
			Weighted		
			average		Weighted average
	Exercise		remaining	Number of	remaining
December 31,	price (C\$)	Number of options	contractual life	options	contractual life
2020	\$13.50	23,290	1.36	23,290	1.36
2020	\$8.70	8,500	7.64	8,500	7.64
2020	\$7.60	32,264	0.85	32,264	0.85
2020	\$7.40	17,736	0.60	17,736	0.60
2020	\$7.00	20,964	4.08	20,964	4.08
2020	\$3.70	18,500	5.07	13,750	5.07
2020	\$3.30	20,000	1.72	20,000	1.72
2020	\$2.50	209,000	7.08	77,755	7.08
2020	\$2.20	600,000	6.60	425,000	6.60
2020	\$2.10	4,374	5.67	-	5.67
2020	\$1.90	45,000	6.76	45,000	6.76
2020	\$1.00	76,248	6.42	24,168	6.42
2019	\$13.50	23,684	2.36	23,684	2.36
2019	\$7.60	32,264	1.85	32,264	1.85
2019	\$7.40	17,736	1.61	17,736	1.61
2019	\$7.00	20,964	5.08	19,217	5.08
2019	\$3.70	57,000	6.07	33,250	6.07
2019	\$3.30	20,000	2.73	15,000	2.73
2019	\$2.10	101,500	6.67	72,917	6.67
2019	\$1.90	45,000	7.76	45,000	7.76
2019	\$1.00	265,000	7.42	171,250	7.42

The following table is a summary of stock options outstanding during the years ended December 31, 2020 and 2019, the fair values and the weighted average assumptions used in the Black-Scholes option pricing formula:

	Number of	Exercise	Dividend	Risk-free	Forfeiture	Expected	Volatility	Fair value
	options	Price (C\$)	yield	interest rate	rate	life (years)	factor	(US\$)
Stock options 2020	1,075,876	\$ 2.84	-	1.00%	0%	6.94	86%	\$ 1.32
Stock options 2019	1,183,148	\$ 2.54	-	1.00%	0%	5.91	82%	\$ 1.13

The expected volatility was estimated using the Company's historical data from the date of grant and for a period corresponding to the expected life of the options. For the year ended December 31, 2020, the Company recognized \$781,000 in stock based compensation expense for stock options in the consolidated statements of operations and comprehensive loss (2019 - \$256,000).

Subsequent to December 31, 2020, the Company granted 58,056 stock options to executives of the Company. The options are exercisable at a price of C\$8.25 and expire on January 19, 2029. 54,770 options vest on a quarterly basis, in twelve equal instalments, starting on April 1, 2021 and are exercisable upon vesting. 3,285 options vest if if and when the 20 day VWAP of the Company's shares is C\$10.00 per share and are also exercisable upon vesting.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

c) Deferred share units - "DSUs"

The deferred share unit plan ("DSU Plan") provides awards to employees, directors, or officers of the Company. DSU means a right to receive, on a deferred basis, previously unissued shares in accordance with the terms of the DSU Plan. Vested DSUs shall be redeemed in whole or in part for shares issued from treasury or, subject to the approval of the Company, cash. The Company accounts for these awards as equity awards.

The maximum number of shares reserved for issuance under the DSU Plan, at any time, was amended from 1,111,111 to 3,623,269, as authorized by vote in the Company's annual general and special meeting of shareholders on July 30, 2020.

The following table shows the movement of DSUs for the years ended December 31, 2020 and 2019:

	Number of units	Weighted average grant date fair value (US\$)
Balance as at December 31, 2019	667,347	\$ 2.16
Units granted ¹	85,948	5.73
Units redeemed ²	(198,247)	2.50
Units forfeited⁵	(21,000)	1.61
Balance as at December 31, 2020	534,048	\$ 2.63
Balance as at December 31, 2018	567,077	\$ 2.80
Units granted ³	212,000	0.67
Units redeemed⁴	(111,022)	2.56
Units forfeited⁵	(708)	1.61
Balance as at December 31, 2019	667,347	\$ 2.16

- 1) On August 19, 2020 the Company granted a total of 80,369 DSUs to directors and executives of the Company in two forms, holding a total grant date fair value of \$450,000, measured at US\$5.59/share, as follows:
 - I. 55,000 immediately vested DSUs were granted to the Company's directors, all of which vested immediately upon resolution approval. These DSUs are redeemable upon retirement and up to three months following the retirement of such directors.
 - II. 19,750 time-vested DSUs were granted to officers and executives of the Company, vesting on a quarterly basis, in twelve equal instalments, starting on March 31, 2020. These DSUs granted are redeemable upon vesting.
 - III. 5,619 immediately vested DSUs were granted to officers and executives of the Company as a result of the dividend paid to shareholders on August 27, 2020. These DSUs granted to officers are redeemable upon vesting, and the DSUs granted to directors are redeemable upon retirement and up to three months following retirement.

On December 7, 2020, the Company granted a total of 5,579 DSUs to officers and directors of the Company as a result of the dividend paid to shareholders, holding a total grant date fair value of \$34,000, measured at US\$6.05/share. These DSUs granted to officers are redeemable upon vesting, and the DSUs granted to directors are redeemable upon retirement and up to three months following retirement.

2) In the year ended December 31, 2020, officers and directors redeemed a total of 198,247 DSUs. The DSUs were settled via issuance of 198,247 shares, representing a total grant date fair value of \$495,000.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

- 3) On May 31, 2019 the Company granted a total of 212,000 DSUs to directors and executives of the Company in three forms, holding a total grant date fair value of \$141,000, measured at US\$0.67/share, as follows:
 - 99,000 immediately-vested DSUs were granted to the Company's non-executive directors, attributing 16,500 to each, all of which vested immediately upon resolution approval. These DSUs are redeemable upon retirement and up to one year following the retirement of such directors.
 - ii. 40,000 time-vested DSUs were granted to the director and interim CEO of the Company, 50% of which vested immediately upon resolution approval, and 50% of which vested monthly in six equal instalments starting on June 30, 2019. These DSUs granted are redeemable upon vesting.
 - iii. 73,000 time-vested DSUs were granted to officers and executives of the Company, vesting on a quarterly basis, in twelve equal instalments, starting on March 31, 2019. These DSUs granted are redeemable upon vesting.

On May 31, 2019, the Company approved an extension of the redemption period applicable to all DSUs granted to and held by directors, whereas all vested DSUs may be redeemed during the period of up to one year following the retirement of such directors. This change in redemption period did not have a material impact to the fair value of the DSUs outstanding.

- 4) In the year ended December 31, 2019, officers and directors redeemed a total of 111,022 DSUs. The DSUs were settled via issuance of 111,022 shares, representing a total grant date fair value of \$285,000.
- 5) Relates to the forfeiture of the DSUs of former executives and director upon resignation.

For the year ended December 31, 2020, the Company recognized \$445,000 in stock-based compensation expense for DSUs in the consolidated statements of operations and comprehensive loss (2019 – \$294,000, respectively).

Subsequent to December 31, 2020, the Company granted

- 18,252 time-vested DSUs to executives of the Company, that vest on a quarterly basis, in twelve equal instalments, starting on April 1, 2021. These DSUs granted are redeemable upon vesting.
- ii. 18,252 performance-vested DSUs to executives of the Company, that shall vest if the Company's stock price reaches C\$10.00 measured on a 20-day VWAP basis, and is maintained at that level for at least 20 consecutive trading days. These DSUs granted are redeemable upon vesting.
- iii. 44,073 immediately-vested DSUs were granted to the Company's non-executive directors, all of which vested immediately upon resolution approval on January 19, 2021. These DSUs are redeemable upon retirement and up to one year following the retirement of such directors.
- iv. 44,073 time-vested DSUs to non-executive directors, that shall vest on the earlier of the date of the 2021 Annual General Meeting or June 30, 2021. These DSUs are redeemable upon retirement and up to one year following the retirement of such directors.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

19. Basic and diluted earnings per share

Dollar amounts and share amounts in thousands, except per share amounts. The amounts for 2019 have been restated to reflect the Share Consolidation on August 24, 2020 (Note 4).

	Year Ended December 31,			
	2020 2019			
Numerator				
Net income (loss) for the purpose of diluted income (loss) per share	\$	72,280	\$	(148)
Denominator				
Weighted average number of common shares outstanding - basic		72,311,315		52,764,705
Stock Options		542,684		-
Deferred share units		567,232		-
Weighted average number of common shares outstanding - diluted		73,421,231		52,764,705
Basic income (loss) per share	\$	1.00	\$	(0.00)
Diluted income (loss) per share	\$	0.98	\$	(0.00)

The determination of the weighted average number of common shares outstanding for the calculation of diluted earnings (loss) per share does not include the following effect of options and deferred shares units which were anti-dilutive to earnings (loss) per share in the period:

	Yea	r Ended		
	Dece	mber 31,		
	2020	2019		
Stock options	322,18	474,980		
Deferred share units		- 669,241		
Anti-dilutive instruments	322,18	322,187 1,144,221		

20. Operating costs

		Year Ended December 31,			
			2020		2019
Direct mining and processing costs	Note 6	\$	54,295	\$	55,647
Royalty expense and CFEM taxes ¹			5,049		3,413
Other costs			104		525
Operating costs		\$ 59,448 \$ 59,58			59,585

¹ CFEM - Compensação Financeira pela Exploração Mineral taxes are Brazil mining royalty fees levied by the Federal government as financial compensation for mineral exploitation.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

21. Financial instruments loss

		Year Ended December 31, 2020 2019			
					2019
Changes in unrealized loss/(gain) on derivatives		\$	(1,032)	\$	756
Realized loss on derivatives			1,508		467
Total financial instruments loss		\$ 476 \$ 1,223			1,223

22. Cash flow – other operating activities

			ed 31,		
			2019		
Stock-based compensation		\$	997	\$	505
Non-cash other operating expense			-		177
Loss on disposition of PP&E			851		278
Additions (reversals) to provision against recoverability of VAT and other taxes	Note 7		603		(1,387)
Other operating activities expense (recoveries)		\$	2,451	\$	(427)

23. Cash flow – changes in working capital

		Year Ende December 3				
			2020		2019	
Restricted cash		\$	(50)	\$	217	
Inventory			223		(873)	
Recoverable taxes			1,224		4,824	
Other accounts receivable			529		(24)	
Prepaid expenses and other assets			(1,310)		318	
Accounts payable and accrued liabilities			5,826		(746)	
Other taxes payable	Note 15		(1,224)		(233)	
Reclamation provisions	Note 16		(219)		(258)	
Legal and other provisions	Note 17		(1,940)		(4,646)	
Other liabilities			(967)		1,332	
Changes in operating working capital		\$	2,092	\$	(89)	

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

24. Financial liabilities and other commitments

In the normal course of business, the Company enters into contracts that give rise to commitments for future minimum payments. The following table summarizes the remaining undiscounted contractual maturities of the Company's financial liabilities and other commitments:

As at December 31, 2020	Less than 1	1 - 3 years	3 - 5 years	1	More than 5	Total
	year				years	
Financial Liabilities						
Accounts payable and accrued liabilities	\$ 18,851	\$ -	\$ -	\$	-	\$ 18,851
Other Taxes Payable						
ICMS Settlement Due	465	441	20		-	926
INSS	512	1,022	635		-	2,169
IRPJ & CSLL Settlement Due	172	345	293		-	810
Notes payable						
Principal						
Bank indebtedness (a)	3,058	-	-		-	3,058
Interest	62	23	-		-	85
Lease liabilities	1,561	1,201	311		-	3,073
Reclamation provisions (b)	623	2,090	6,724		6,950	16,387
Current tax liability	3,213	-	-		-	3,213
Total financial liabilities	\$ 28,517	\$ 5,122	\$ 7,983	\$	6,950	\$ 48,572
Other Commitments						
Suppliers' agreements (c)	192	-	-		-	192
Total other commitments	\$ 192	\$ -	\$ -	\$	-	\$ 192
Total	\$ 28,709	\$ 5,122	\$ 7,983	\$	6,950	\$ 48,764

 $^{^{(}a)}$ Bank indebtedness represents the principal on Brazilian short-term bank loans which are renewed in 180 day periods.

25. Capital disclosures

The Company manages its capital structure in order to support the acquisition, exploration and development of mineral properties, and to maximize return to stakeholders through a flexible capital structure which optimizes the costs of capital and the debt and equity balance. The Company sets the amount of capital in proportion to risk by managing the capital structure and making adjustments in light of changes in economic conditions and the risk characteristics of the underlying assets. To adjust or maintain its capital structure, the Company may adjust the amount of long-term debt, enter into new credit facilities, issue new equity, or enter into new customer advance arrangements.

As at December 31, 2020, the Company's capital structure is comprised of \$3.1 million in notes payable (Note 12) and \$189.7 million in shareholders' equity (December 31, 2019: \$5.6 million and \$128.6 million, respectively).

As at December 31, 2020, the Company is not subject to externally imposed capital requirements other than those stipulated by Brazil bank indebtedness (Note 5).

⁽b) Reclamation provisions - amounts presented in the table represent the undiscounted uninflated future payments for the expected cost of reclamation.

^(c) Purchase obligations for supplies and consumables - includes commitments related to new purchase obligations to secure a supply of cyanide, reagents, mill balls and other spares. The Company has the contractual right to cancel the mine operation contracts with 30 days advance notice. The amount included in the commitments table represents the contractual amount due within 30 days.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

26. Financial risk management and financial instruments

The Company's activities expose it to a variety of financial instrument risks, including but not limited to: credit risk, liquidity risk, currency risk, interest rate risk, and price risk.

a) Credit risk

Credit risk associated with financial assets and royalty interests arises from cash held with banks, derivative financial instruments with positive fair values, recoverable taxes refundable from tax authorities, credit exposure to customers and counterparties to sales agreements. The credit risk is limited to the carrying amount on the statement of financial position.

The Company is exposed to credit-related losses in the event of non-performance by counterparties to derivative financial instruments, recoverable tax claims, and sales agreements, but does not expect any counterparties to fail to meet their obligations. The Company's cash and cash equivalents are held through large financial institutions in Brazil, Canada, and the United States of America. The Company manages its credit risk by entering into transactions with high-credit quality counterparties, limiting the amount of exposure to each counterparty where possible, and monitoring the financial condition of the counterparties.

Liquidity risk

Liquidity risk is the risk that an entity will encounter difficulty in meeting obligations associated with financial liabilities that are settled by delivering cash or another financial asset. The Company's approach to managing this risk is to ensure sufficient liquidity to meet its liabilities when due, under both normal and stressed conditions, without incurring unacceptable losses or risking damage.

To manage its liquidity risk, the Company undergoes a in-depth budgeting process each year which is supplemented by a continuous detailed cash forecasting process. Future financing requirements, if any, will depend on a number of factors that are difficult to predict and are often beyond the control of the Company. The main factors are the realized price of gold received for gold produced from the Company's operating mines and the operating and capital costs of those mines. The Company's financial liabilities and other commitments are listed in Note 24.

Derivative financial instruments

The Company assesses its financial instruments and non-financial contracts on a regular basis to determine the existence of any embedded derivatives which would be required to be accounted for separately at fair value and to ensure that any embedded derivatives are accounted for in accordance with the Company's policy. The Company engages in derivative financial instruments to manage its price risk and currency risk, including gold forward contracts, gold price collar contracts, gold call option contracts, and foreign exchange call and put option contracts.

1) Price risk

The Company is exposed to price risk with respect to gold prices on gold sales. The Company periodically enters into derivative financial instruments to manage this risk and to economically hedge future sales terms with customers. The Company does not use hedge accounting for these instruments and gain and losses are recorded in earnings as fair value changes occur as a component of revenue.

Included in the revenue line of the consolidated statement of statements of operations and comprehensive income (loss) for the year ended December 31, 2020 are realized losses of \$1.9 million (\$6.1 million loss for the year ended December 31, 2019) related to the Company's gold price hedge contracts executed.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

i. Gold forward contracts

The Company periodically enters into gold forward contracts to economically hedge against the risk of declining gold prices for a portion of its forecasted gold sales and recognized the income and losses of such in the statements of operations and comprehensive income (loss). The contracts have expiry dates ranging from 30 to 90 days and orders unfulfilled prior to expiry are renewed automatically for a period equal to that contracted. The changes in the fair value of these contracts are recognized in the consolidated statement of operations. The Company does not apply hedge accounting for these financial instruments.

As at December 31, 2020, the Company had no gold forward contracts outstanding (December 31, 2019 – 1,700 ounces hedged at a weighted average price of US\$1,400/oz) and no open gold forward contract derivative asset or liability position in its consolidated statement of financial position (December 31, 2019 - \$209,000 derivative liability open loss position).

ii. Gold call options

The Company periodically enters into gold call option contracts in connection with its terms of financing and gold sales agreements and recognized the income and losses of such in the consolidated statements of operations and comprehensive income (loss).

During the year ended December 31, 2020, the Company was counterparty to European style gold call options agreements outstanding issued to Auramet International LLC ("Auramet") and no new call option agreements were made in the period. In the period, 5,000 ounces in call options were exercised for purchase by Auramet at a weighted average strike price of US\$1,350 and nil ounces in call options were cancelled upon expiration (2019 – 2,000 at a weighted average strike price of US\$1,450 and nil, respectively).

As at December 31, 2020, the Company had no gold call options outstanding and no derivative liability associated with the gold call options in its consolidated statement of financial position (December 31, 2019 – 5,000 ounces and \$894,000 derivative liability, respectively).

2) Currency risk

The Company is exposed to the financial risk related to the fluctuation of foreign exchange rates. Financial instruments that impact the Company's net earnings due to currency fluctuations include: Brazilian reais and Canadian dollar denominated cash and cash equivalents, recoverable taxes, accounts payable and accrued liabilities, income taxes payable, reclamation and other provisions, deferred compensation liabilities, Euro denominated capital lease obligations, and foreign exchange call and put option contracts.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

i. Assets and liabilities with foreign exchange exposure

The exposure of the Company's financial assets and liabilities (and certain other assets and liabilities) to currency risk is as follows, as at December 31, 2020:

	D	Denominated in		Denominated in Canadian dollars		minated in
	Brazilian		Canadi			oean euros
Financial assets						
Cash and cash equivalents	\$	2,384	\$	18	\$	-
Recoverable taxes		9,626		36		-
Other accounts receivable		61		-		-
Prepaid expenses and advances		859		-		-
Restricted cash		1,740		-		-
Total financial assets	\$	14,670	\$	54	\$	-
Financial liabilities						
Accounts payable and accrued liabilities	\$	18,819	\$	20	\$	-
Other taxes payable		3,058		-		-
Lease liabilities		2,221		-		520
Current tax liability		3,210		-		-
Reclamation provision		12,162		-		-
Legal and other provisions		7,984		-		-
Total financial liabilities		47,454		20		520
Net financial assets/(liabilities)	\$	(32,784)	\$	34	\$	(520)

The table below summarizes a sensitivity analysis for significant unsettled currency risk exposure with respect to the Company's financial instruments (and certain other assets and liabilities) as at December 31, 2020 and 2019 with all other variables held constant. It shows how income before taxes would have been affected by changes in the relevant risk variables that were reasonably possible at that date.

	Change for	Gain/(loss) of	Gain/(loss) of
	Sensitivity	change to 2020	change to 2019
Exchange Rates	Analysis	Foreign Exchange	Foreign Exchange
USD per Brazilian real	10% increase	\$ 2,980	\$ 2,562
USD per Brazilian real	10% decrease	(2,980)	(2,562)
USD per Canadian dollar	10% increase	(3)	(10)
USD per Canadian dollar	10% decrease	3	10
USD per European euro	10% increase	47	44
USD per European euro	10% decrease	(47)	(44)

ii. Foreign exchange call and put options

The Company entered into European style foreign exchange call and put option contracts with third party exchange service providers, holding expiration periods between 30 days and 180 days, to economically hedge against the risk of the US dollar depreciating against the Brazilian real. The changes in the fair value of these contracts are recognized in the consolidated statement of operations. The Company does not apply hedge accounting for these hedge instruments.

Included in the consolidated statements of operations and comprehensive income (loss) for the year ended December 31, 2020 are (i) a realized loss of \$1.5 million and (ii) a \$71,000 loss on changes in unrealized foreign exchange derivatives (realized loss of \$467,000 and gain on changes in unrealized foreign exchange derivatives of \$71,000 for the year ended December 31, 2019).

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

As at December 31, 2020, the Company held no outstanding foreign exchange call and put option hedge contracts and no derivative asset/liability in its consolidated statement of financial position (December 31, 2019 – \$71,000 derivative asset open gain position).

d) Interest rate risk

The Company is potentially exposed to interest rate risk on its outstanding borrowings and short-term investments. The Company managed its risk by entering into agreements with fixed interest rates on all of its debt with interest rates ranging from 0% to 8.77% per annum.

Financial instruments

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. In assessing the fair value of a particular contract, the market participant would consider the credit risk of the counterparty to the contract. Consequently, when it is appropriate to do so, the Company adjusts its valuation models to incorporate a measure of credit risk. The fair value of the following financial assets and liabilities approximate their carrying amount due to the limited term of these instruments:

- a. Cash and cash equivalent
- Restricted cash b.
- Other accounts receivable C.
- d. Accounts payable and accrued liabilities
- Other provisions

Fair value estimation:

The Company categorizes each of its fair value measurements in accordance with a fair value hierarchy. The fair value hierarchy establishes three levels to classify the inputs to valuation techniques used to measure fair value.

- a. Level 1 quoted prices (unadjusted) of identical instruments in active markets that the reporting entity has the ability to access at the measurement date.
- b. Level 2 inputs are quoted prices of similar instruments in active markets; quoted prices for identical or similar instruments in markets that are not active; inputs other than quoted prices used in a valuation model that are observable for that instrument; and inputs that are derived principally from or corroborated by observable market data by correlation or other means.
- c. Level 3 one or more significant inputs used in a valuation technique that are unobservable for the instruments.

Determination of fair value and the resulting hierarchy requires the use of observable market data whenever available. The classification of a financial instrument in the hierarchy is based upon the lowest level of input that is significant to the measurement of fair value.

The fair value of the Company's financial assets and liabilities approximate their carrying values at December 31, 2020 and 2019.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

Changes in liabilities arising from financing activities

			Changes from financing cash flows							Other changes								
											F	oreign						
	Balan	ce as at	Pr	roceeds							Ri	ght-of-use	ex	change			Ва	lance as at
	Decen	nber 31,	fro	om debt		Debt		Interest		Interest		lease		(gain)	(Other non-		December
		2019	is	suance	rep	payments		paid		expense	ol	oligations		loss	cas	h changes		31, 2020
Notes payable	\$	5,592	\$	6,461	\$	(9,030)	\$	(238)	\$	263	\$	-	\$	-	\$	10	\$	3,058
Lease liabilities		2,989		-		(2,052)		-		-		2,161		(456)		81		2,723
	\$	8,581	\$	6,461	\$	(11,082)	\$	(238)	\$	263	\$	2,161	\$	(456)	\$	91	\$	5,781

		Changes from financing cash flows															
														Foreign			
	Bala	Balance as at January 1,		roceeds							Right-of-use		change		Balance as at		
	J			from debt		Debt		Interest		Interest	t	lease		(gain)	Other non-		December
		2019	is	suance	re	payments		paid		expense	•	obligations		loss	cash changes		31, 2019
Notes payable	\$	8,574	\$	9,611	\$	(13,073)	\$	(420)	\$	868	\$	-	\$	-	\$ 32	\$	5,592
Lease liabilities		2,312		-		(2,522)		-		-		3,037		86	\$ 76		2,989
Customer advances		7,000		-		(7,000)		(819)		678	;	-		-	141		-
	\$	17,886	\$	9,611	\$	(22,595)	\$	(1,239)	\$	1,546	\$	3,037	\$	86	\$ 249	\$	8,581

27. Related party transactions

a) Transactions with directors and key management

The Company transacts with key individuals from management and with its directors who have authority and responsibility to plan, direct and control the activities of the Company. The nature of these dealings were in the form of payments for services rendered in their capacity as director (director fees, including share-based payments) and as employees of the Company (salaries, benefits, and share-based payments).

Key management personnel are defined as the executive officers of the Company including the President and Chief Executive Officer, Chief Financial Officer and Vice President of Operations.

During the years ended December 31, 2020 and 2019, remuneration to directors and key management personnel were as follows:

		Year Ended December 31,			
			2019		
Fees earned and other compensation ¹	\$	1,343	\$	1,177	
Share based compensation		805		505	
Total compensation of directors and key management	\$	2,148	\$	1,682	

⁽¹⁾ Fees earned and other compensation represents fees paid to the non-executive chairman and the non-executive directors during the financial year.

For the years ended December 31, 2020 and 2019

(Tabular dollar amounts expressed in thousands of US dollars, except per share amounts and number of shares)

b) Other related party transactions

The Company incurred legal fees from Azevedo Sette Advogados ("ASA"), a law firm where Luis Miraglia, a director of Jaguar is a partner. Fees paid to ASA are recorded at the exchange amount, representing the amount agreed to by the parties and included in general and administrative expenses in the consolidated statements of operations and comprehensive income (loss). Legal fees paid to ASA were \$63,000 for the year ended December 31, 2020 (\$19,000 for year ended December 31, 2019).

During the year ended December 31, 2019, the Company also engaged advisory services from John Ellis, a director of Jaguar. Fees paid to Mr. Ellis are recorded in general and administrative expenses in the consolidated statements of operations and comprehensive income (loss) were \$70,000 for the year ended December 31, 2019 (\$nil for the year ended December 31, 2020).

28. Subsequent events

On March 12, 2021, the Board of Directors of Jaguar Mining approved a cash dividend of C\$0.08 per common share of the Company, to be paid on March 30, 2021 to shareholders of record as of the close of business on March 22, 2021. The dividend qualifies as an eligible dividend for Canadian income tax purposes.