

Golden Birch Resources Inc.

Management's Discussion and Analysis

For the Year Ended December 31, 2020

April 22, 2021

Introduction

The following management's discussion and analysis ("MD&A") of the financial condition and results of operations of Golden Birch Resources Inc. ("Golden Birch" or the "Company") has been prepared by management as of April 22, 2021 and should be read in conjunction with the audited financial statements of the Company for the years ended December 31, 2020 and December 31, 2019 (the "Financial Statements") and related notes. The Company's public filings can be viewed on the SEDAR website (www.sedar.com) and on the Company's website (www.goldenbirchresources.ca).

The Financial Statements, including comparative, and the related notes have been prepared in accordance and compliance with International Financial Reporting Standards ("IFRS") as issued by the International Accounting Standards Board ("IASB") and interpretations of the International Financial Reporting Interpretations Committee ("IFRIC"). All amounts are expressed in Canadian dollars unless otherwise stated. Other information contained in this document has also been prepared by management and is consistent with the data contained in the Financial Statements.

The Company's certifying officers are responsible for ensuring that the Financial Statements and MD&A do not contain any untrue statement of a material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it was made. The Company's certifying officers certify that the Financial Statements together with the other financial information included in the filings fairly present in all material respects the financial condition, financial performance and cash flows of the Company as of the date of and for the periods presented in the filings.

The Company's Audit Committee and the Board of Directors provide an oversight role with respect to all public financial disclosures by the Company. The Board of Directors approves the Financial Statements and MD&A after the completion of its review and recommendation for approval by the Audit Committee, which meets periodically to review all financial reports, prior to filing.

Forward-Looking Statements

Certain statements contained in this document constitute "forward-looking statements". All statements other than statements of historical fact contained in this MD&A, including, without limitation, those regarding the Company's future financial position and results of operations, strategy, proposed acquisitions, plans, objectives, goals and targets, and any statements preceded by, followed by or that include the words "believe", "expect", "aim", "intend", "plan", "continue", "will", "may", "would", "anticipate", "estimate", "forecast", "predict", "project", "seek", "should" or similar expressions or the negative thereof, are forward-looking statements. These statements are not historical facts but instead represent only the Company's expectations, estimates and projections regarding future events. These statements are not guarantees of future performance and involve assumptions, risks and uncertainties that are difficult to predict. Therefore, actual results may differ materially from what is expressed, implied or forecasted in such forward-looking statements.

Additional factors that could cause actual results, performance or achievements to differ materially include, but are not limited to risks associated with: geological risks, limited operating history; inability to generate earnings or pay dividends for the foreseeable future; no current assets other than cash; uncertain ability to raise additional funds when required; reliance on a small number of key managers lacking backup; potential conflicts of interest among directors and officers of the Company; lack of liquidity for shareholders of the Company; ability to secure needed permits; ability to physically access and work the Company's property assets; availability of skilled labor; timing and amount of capital expenditures; future currency exchange and interest rates; and market risk consisting of fluctuations in the Company's share price, metal prices, credit market conditions and investor appetite for early stage exploration companies. See "Risks and Uncertainties".

Management provides forward-looking statements because they believe such statements deliver useful guidance and information to readers when considering their investment objectives. Though management believes such statements to be as accurate as possible in the context of the information available to management at the time in which they are made, management cautions readers that the guidance and information contained in such statements may rapidly be superseded by subsequent events. Consequently, all of the forward-looking statements made in this MD&A are qualified by these cautionary statements and other cautionary statements or factors contained herein, and there can be no assurance that the actual results or developments suggested by such forward-looking statement will be realized or, even if substantially realized, that they will have the expected results, or effects upon, the Company. These forward-looking statements are made as of the date of this MD&A and the Company assumes no obligation to update or revise them to reflect subsequent information, events or circumstances or otherwise, except as required by law.

The forward-looking statements in this MD&A are based on numerous assumptions regarding the Company's present and future business strategies and the environment in which the Company will operate in the future, including assumptions regarding business and operating strategies.

Description of the Business

Golden Birch was incorporated on October 4, 2017 under the Canada Business Corporations Act (the "Act"). The principal business of the Company is the acquisition, exploration and development of mineral property interests in Papua New Guinea. The Company is a public company incorporated in Canada with limited liability under the legislation of Canada. The Company's portfolio is comprised of an option to acquire an 85% interest in two mineral concessions located in Papua New Guinea, known as the Keveri Project (the "Keveri Project").

Both the registered and head office of the Company are located at 140 Cook's Lake Road, Timmins, ON P4R 0B7.

Pursuant to an option and joint venture agreement (the "Option Agreement") with Papuan Mineral Pty Ltd. ("PMPL") and its wholly owned subsidiary Papuan Miners Ltd. ("PML") dated August 28, 2018, which agreement was replaced by a definitive option agreement amongst the parties dated March 20, 2020, the Company acquired options to acquire 85% of the issued and outstanding shares of PML. PML is the legal and beneficial owner of 100% of the licenses which encompass the Keveri Project in Papua New Guinea.

The Company is in the exploration stage and is subject to the same risks and challenges as other companies in a comparable stage of development. These risks include, but are not limited to, the dependence on key individuals, successful exploration, and the ability to secure adequate financing to meet the minimum capital required to successfully complete its planned work programs on mineral properties. The financial statements for the year ended December 31, 2020, have been prepared using accounting policies applicable to a going concern, which contemplates the realization of assets and settlement of liabilities in the normal course of business as they become due. The business of mining and exploring for minerals involves a high degree of risk and there can be no assurance that current exploration programs will result in profitable mining operations. The Company's continued existence is dependent upon the preservation of its interests in the underlying properties, the discovery of economically recoverable reserves and the Company's ability to dispose of its interests on an advantageous basis.

Golden Birch is at an early stage of operating, developing, exploring and acquiring gold properties and as is common with many small companies, it raises financing for its exploration and acquisition activities in discrete tranches. The Company has working capital of \$776,078 at December 31, 2020 (2019 - \$1,566,480). For the year ended December 31, 2020, the Company had a net loss and comprehensive loss of \$2,864,109 (2019 - \$(3,374,981)) and had cash outflows from operations of \$(2,097,468) (2019 - cash outflows of \$(2,801,159)).

These circumstances cast significant doubt about the Company's ability to continue as a going concern and, accordingly, the ultimate use of accounting principles applicable to a going concern.

The Company's ability to continue as a going concern is dependent upon obtaining additional financing and eventually achieving profitable production in the future. The Company is currently evaluating various options in order to address its financing needs. There can be no assurance that the Company's financing activities will continue to be successful or sufficient.

Longer term, the Company may pursue opportunities to raise additional capital through equity markets; however, there can be no assurance it will be able to raise funds in the future. The ultimate ability of the Company to remain a going concern and complete exploration and development of properties, if properties are proven successful, is dependent upon successfully raising additional capital.

Highlights – Q4 December 31, 2020

During the Q4 period no exploration was undertaken by the company on the Keveri Property.

During the December Quarter, exploration activity focussed on preparations to Mobilise the drill rig to the drill pad 1 at Omu Prospect. In addition, while the geologists were at Waki Camp, they carried out some additional surface exploration at the Omu Prospect which is summarised below.

No Safety Incidents were recorded during the reporting period at Waki Camp.

Exploration Surface Sampling Update

Heavy rains during June to September 2020 exposed new outcrops at Omu prospect. Follow up inspection in November 2020 of these new outcrop exposures in several creeks and gullies at Omu prospect area led to the collection of 44 rock samples. Many of these exposures are located in the upper parts of Didu, Didu East, Ada and Didi Creeks with many yielding significant copper grades.

Of the 44 rock samples collected, 4 samples yielded >1% copper. Several samples have associated elevated silver values and the mineralization is mainly hosted in veins in diorite and basalt.

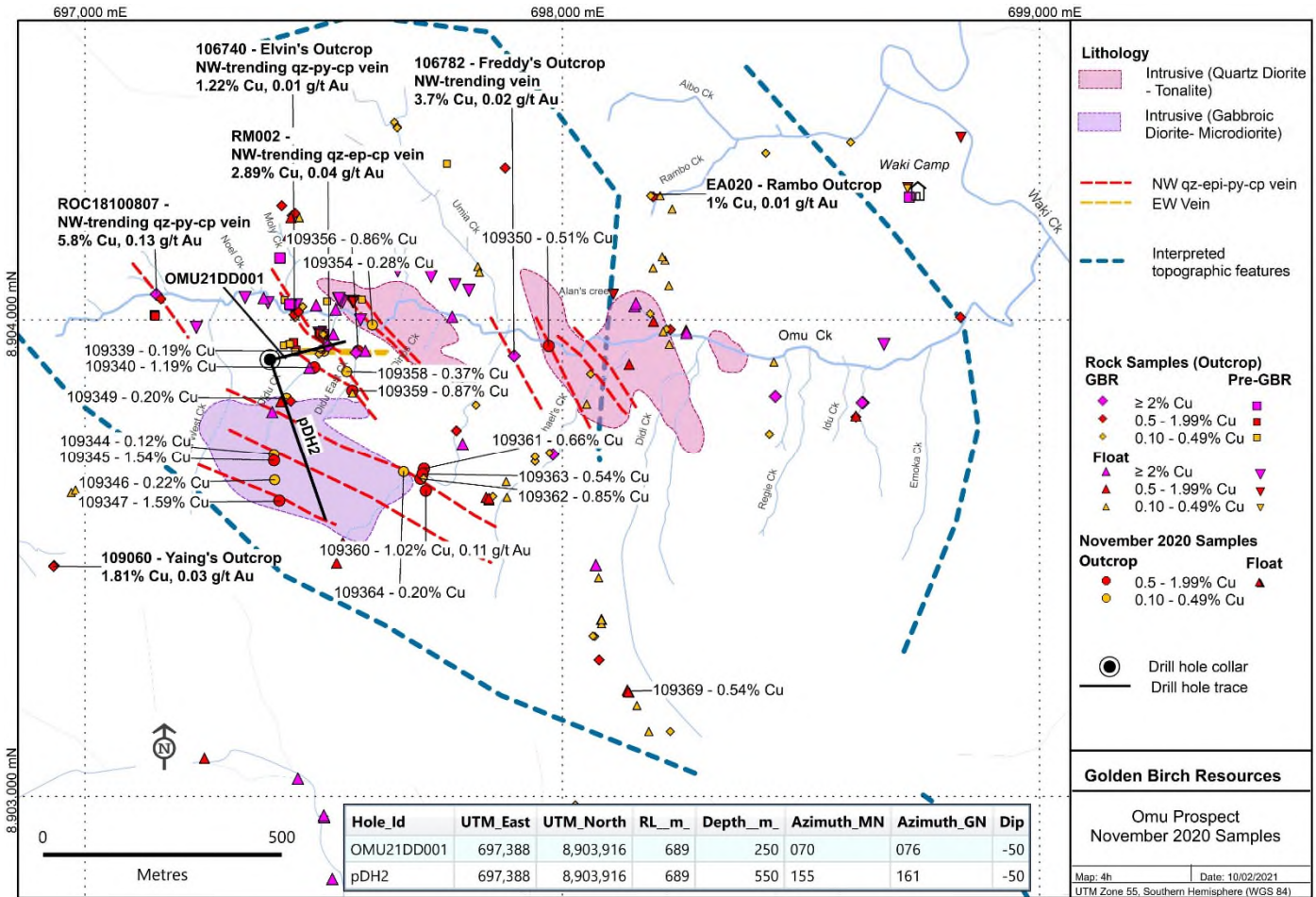


Figure 1. Location of Omu rock samples collected in November 2020.

Table 1. Assay values (Au, Ag, Cu and Mo) of rock samples from November 2020 sampling at Omu prospect.

Sample ID	Sample Type	Au (g/t)	Ag (g/t)	Cu (%)	Mo (ppm)
109328	Outcrop	<0.005	<0.5	0.0003	<1
109329	Outcrop	0.027	<0.5	0.005	2
109330	Outcrop	<0.005	<0.5	0.001	1
109331	Outcrop	<0.005	<0.5	0.0003	1
109332	Outcrop	<0.005	<0.5	0.0006	1
109333	Outcrop	<0.005	<0.5	0.0016	1
109334	Outcrop	<0.005	<0.5	0.0003	1
109335	Outcrop	<0.005	<0.5	0.0006	1
109336	Outcrop	<0.005	<0.5	0.003	1
109337	Outcrop	<0.005	<0.5	0.0003	1
109338	Outcrop	<0.005	<0.5	0.0014	<1
109339	Outcrop	<0.005	<0.5	0.193	<1
109340	Outcrop	0.019	2.6	1.195	<1
109341	Outcrop	<0.005	<0.5	0.0156	1
109342	Outcrop	<0.005	<0.5	0.0293	<1
109343	Outcrop	<0.005	<0.5	0.0358	<1
109344	Outcrop	0.022	<0.5	0.125	1
109345	Outcrop	0.008	3.8	1.545	<1
109346	Outcrop	0.011	0.6	0.222	1
109347	Outcrop	0.011	6.8	1.59	<1
109348	Outcrop	<0.005	<0.5	0.0486	<1
109349	Outcrop	<0.005	<0.5	0.204	<1
109350	Outcrop	<0.005	0.6	0.51	<1
109351	Outcrop	<0.005	<0.5	0.0029	1
109352	Outcrop	<0.005	<0.5	0.0023	1
109353	Outcrop	0.006	<0.5	0.0069	1
109354	Outcrop	0.007	<0.5	0.276	1
109355	Outcrop	<0.005	<0.5	0.0161	<1
109356	Outcrop	0.007	0.8	0.856	3
109357	Outcrop	<0.005	<0.5	0.0676	2
109358	Outcrop	<0.005	<0.5	0.368	<1
109359	Outcrop	0.023	1.6	0.871	2
109360	Outcrop	0.108	3.3	1.02	8
109361	Outcrop	0.033	1.1	0.66	7
109362	Outcrop	0.025	1.3	0.847	5
109363	Outcrop	0.011	1	0.544	1
109364	Outcrop	0.01	<0.5	0.198	15
109365	Outcrop	0.022	<0.5	0.0585	3
109366	Outcrop	<0.005	<0.5	0.0192	<1
109367	Outcrop	<0.005	<0.5	0.0204	2
109368	Outcrop	<0.005	<0.5	0.0226	3
109369	Float	0.014	1.4	0.536	3
109370	Outcrop	0.011	<0.5	0.0753	7
109371	Outcrop	0.01	<0.5	0.0729	1

Geological observations on new outcrop exposures confirms the presence of quartz-epidote-chalcopyrite veins which trend northwest and dip steeply to the southwest. Several rock samples from these outcrop exposures were mapped as fine to medium grained diorite intruding the basalt country rock which is host to many of the veins with associated copper mineralization. Petrographic analysis is intended for some of these preliminary identified intrusive rocks.

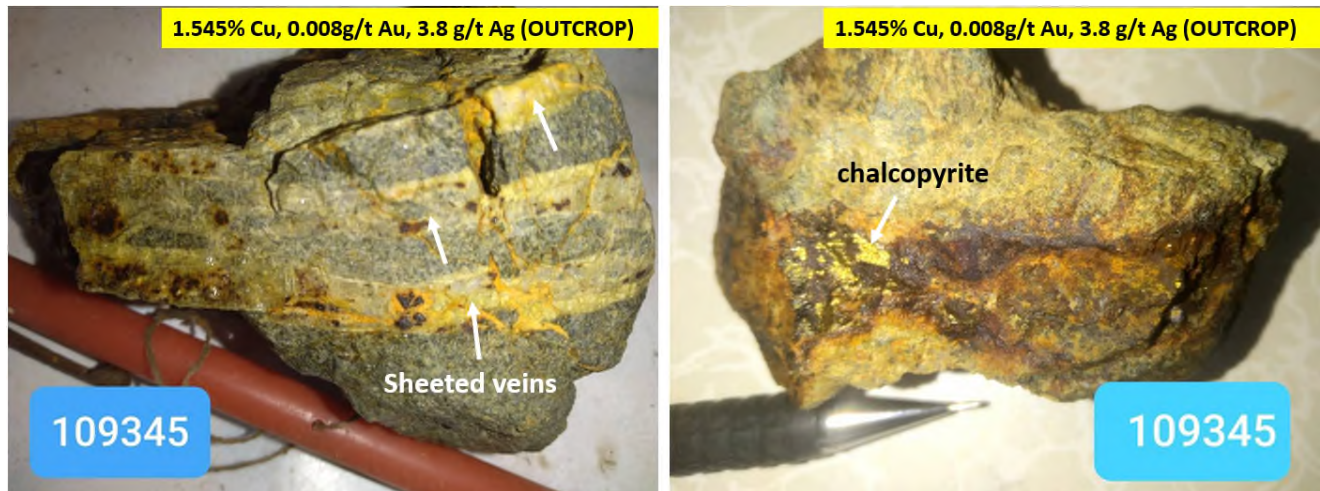


Figure 2. Left: Outcrop sample of fine-grained diorite at the headwaters of Didu creek showing sheeted veins with oxides (after chalcopyrite). Right: Different view of the same sample showing chalcopyrite blebs in fracture.

Cu-bearing breccias

Petrographic analysis (Coote 2019) of 3 samples from prior geological mapping (samples EA-26, LD-0031 and RF-04) located in Didi, Michael's and Omu creek respectively confirms the presence of brecciation sometimes composed of fine sand to granule-sized clasts distribution indicative of milling and sorting by fluidization. Samples EA-26 and RF-04, being blocky float samples demonstrate strong similarities in appearance, alteration, mineralization and petrologic descriptions with encouraging Cu and Au grades. These samples which are ~900m apart are postulated to be part of a large hydrothermal system and provide supporting evidence of a strongly mineralized and potentially high grade copper zone at Omu prospect. Petrological analysis has identified chalcocite, covellite, sphalerite, cuprite and native gold.

The epidote-altered clasts observed in RF-04, EA-26 and LD-0031 are indicative of multi-phase brecciation as a result of possible poly-phasal intrusion events that occurred during the life of the porphyry system. The epidote-altered fragments may have come from an early mineralized and hydrothermally altered intrusion that was "stoped" out by a later intrusion

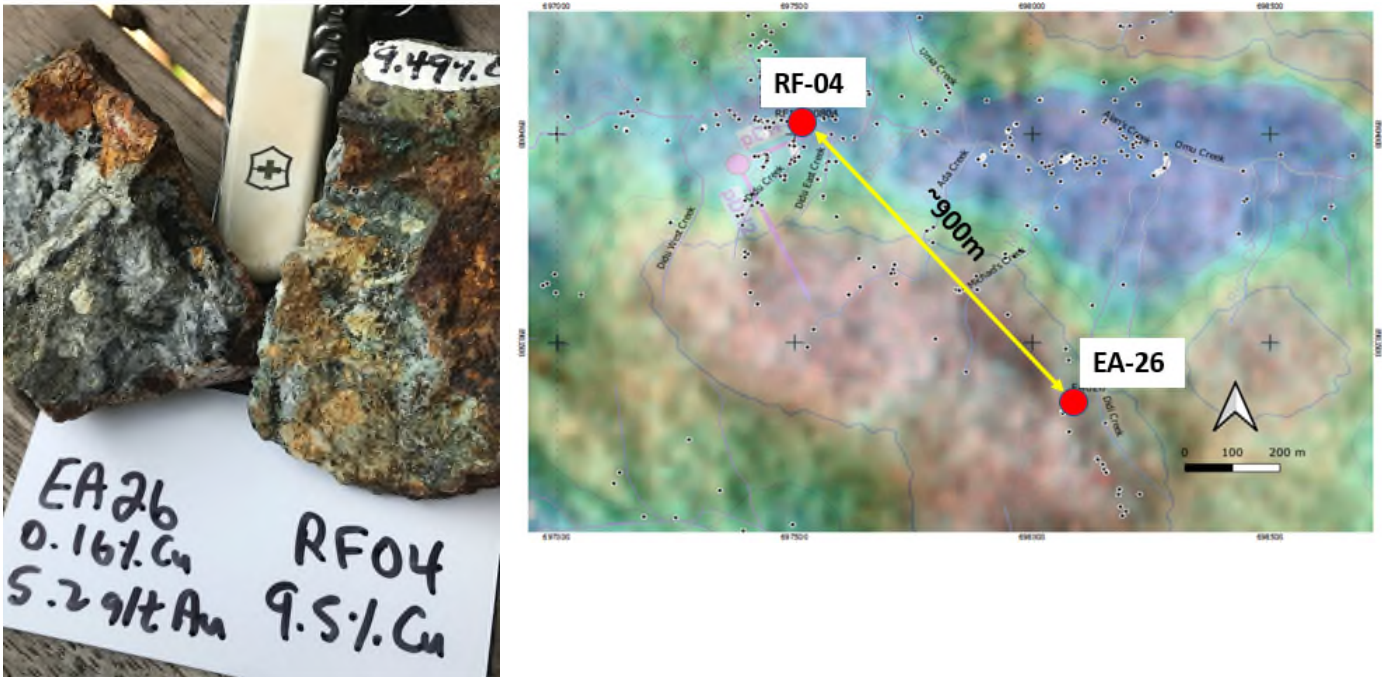


Figure 3. EA-26 and RF-04 blocky float samples (left image) demonstrating strong similarities in appearance, alteration, mineralization and petrologic descriptions. These samples (~900m apart) maybe part of a large system and provide even further evidence of a strongly mineralised and potentially high grade copper zone at Omu prospect.

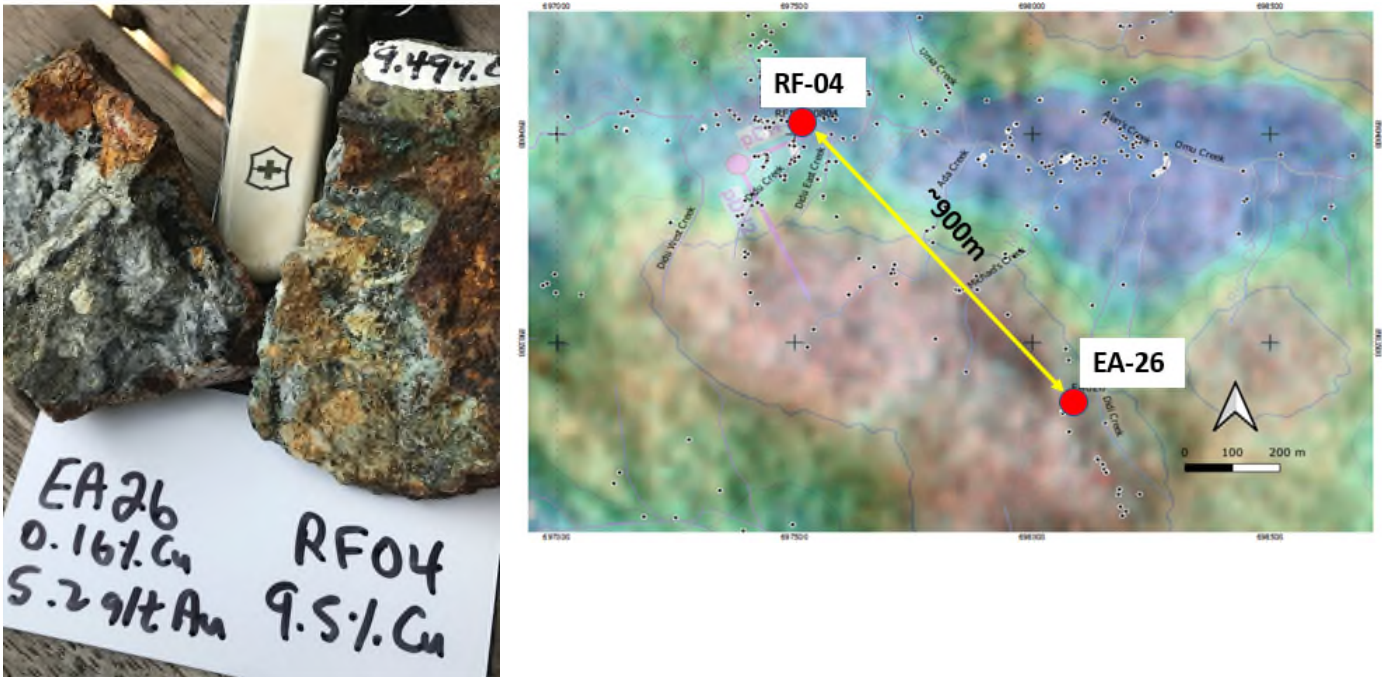


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Figure 4. Poorly sorted; matrix-supported breccia with angular clasts of epidote and illitic clays set in a black, weakly magnetic matrix. Chalcopyrite as clast and as part of the matrix.

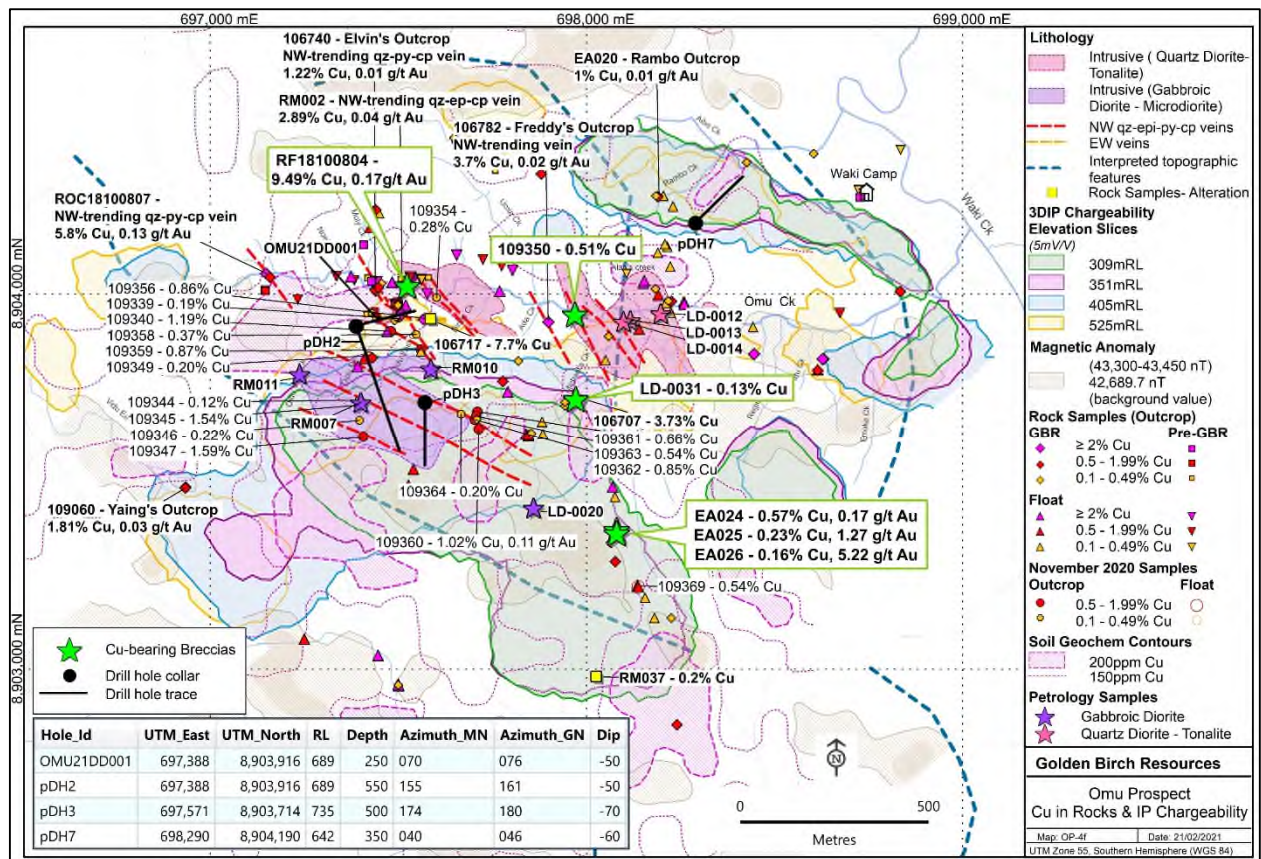


Figure 5. Location of the Cu-bearing breccias (green stars) illustrating a NNW (north-northwest) trend.

Overall Performance

The Keveri Project is at an early stage of exploration. As such, the Company's only source of funds is derived from the issuance of equity, plus whatever interest it may earn from cash balances and the investment of that portion of the proceeds of such equity issuances not otherwise immediately required for exploration purposes, in short-term investments and money market instruments.

SELECTED ANNUAL INFORMATION

Selected Annual and Year to Date Information

Year ended	2020 \$	2019 \$	2018 \$
Net income (loss)	(2,864,109)	(3,374,981)	(1,002,366)
Net (loss) per share			
- Basic	(0.04)	(0.07)	(0.12)
- Diluted	(0.04)	(0.07)	(0.12)
Total assets	1,599,202	1,692,856	801,100
Long Term Liabilities	Nil	Nil	Nil

SELECTED QUARTERLY INFORMATION

Summary of Quarterly Results

For the three-month period ended

	December 31, 2020 \$	September 30, 2020 \$	June 30, 2020 \$	March 31, 2020 \$
Net income (loss)	(934,585)	(450,739)	(407,936)	(1,070,849)
Net (loss) per share	(0.01)	(0.01)	(0.01)	(0.02)
- Basic	(0.01)	(0.01)	(0.01)	(0.02)
- Diluted				
Total assets	1,599,202	1,885,543	1,740,416	1,199,919

For the three-month period ended

	December 31, 2019 \$	September 30, 2019 \$	June 30, 2019 \$	March 31, 2019 \$
Net income (loss)	(444,273)	(875,832)	(1,411,768)	(643,109)
Net (loss) per share	(0.01)	(0.01)	(0.03)	(0.02)
- Basic	(0.01)	(0.01)	(0.03)	(0.02)
- Diluted				
Total assets	1,692,856	1,674,114	2,185,696	419,244

Selected Quarterly Financial Information

The following is a summary of exploration expenditures of the Keveri Project for the year ended December 31, 2020 and 2019:

Category	Year ended December 31,	
	2020 \$	2019 \$
Accommodations	28,746	51,599
Accounting services	19,635	25,494
Administration	22,561	6,891
Assays	1,669	54,627
Communication	16,259	21,120
Compensation	Nil	3,819
Drilling	139,433	Nil
Field supplies	73,915	73,523
Geologists	149,674	246,900
Geophysics services	Nil	289,376
Helicopter chartering	135,209	361,477
In-country logistics	62,476	132,838
Option payments	667,305	279,115
Other	22,023	40,828
Petrological services	6,212	Nil
Professional fees	2,634	19,243
Road maintenance	51,758	Nil
Sampling	1,347	33,325
Site meal services	39,613	47,678
Technical report	Nil	56,956
Travel	70,986	56,760
Wages	309,722	333,351
TOTAL	1,821,177	2,134,920

Results of Operations

Year ended December 31, 2020 compared to year ended December 31, 2019:

Net loss and comprehensive loss were \$(2,864,109) for the year ended December 31, 2020 compared to \$(3,374,981) in the year ended December 31, 2019, a decrease of \$510,872.

The following is a summary of general and administrative expenses of the Company for the years ended December 31, 2020 and 2019:

Category	Year ended December 31,	
	2020 \$	2019 \$
Consulting services	51,233	7,805
Foreign exchange loss	25,509	29,883
Investor relations	67,894	29,286
Management fees	175,000	334,841
Professional fees	293,764	366,307
Salaries and employee benefits	179,097	90,679
Share based payments	145,777	281,341
Transfer agent and filing fees	56,186	10,691
Travel	6,669	49,925
All others	66,156	39,303
TOTAL	1,067,285	1,240,061

Consulting services increased due to the engagement of various consultants for a full year.

The decrease in the foreign exchange loss reflects the devaluation of the PNG Kina against the Canadian dollar and the appreciation of the Australian dollar against the Canadian dollar.

Investor relations increased due to the company's shares being listed since February of 2020.

Management fees decreased as certain fees were paid for effort expended in 2019 with regards to investor relations efforts by management.

Professional fees decreased in 2020 due to the extensive effort involved in preparing the company for listing of its shares in 2019.

Share based payments represent the Black-Scholes value of the options vested in 2020. Fewer options were granted in the year ended December 31, 2020 than in 2019.

Transfer agent costs increased as the company's shares became listed in March of 2020.

Travel costs decreased in the year ended December 31, 2020 compared with 2019 as the pandemic restricted travel.

Three months ended December 31, 2020 compared to three months ended December 31, 2019:

General and administrative expenses totaled \$322,012 in the fourth quarter of 2020, compared to \$306,711 in the prior year period. The following is a summary of general and administrative expenses of the Company for the three months ended December 31, 2020 and 2019:

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Category	Three months ended December 31,	
	2020 \$	2019 \$
Consulting services	19,188	Nil
Foreign exchange loss	7,628	Nil
Management fees	43,750	93,214
Professional fees	69,116	139,624
Salaries and employee benefits	43,750	Nil
Share-based payment	93,782	47,341
All others	44,798	26,622
TOTAL	322,012	306,801

Consultants related to addition costs with becoming a listed company in 2020.

Foreign exchange loss varies with the interactions between the PNG Kina and the Canadian dollar and the Australian dollar and the Canadian dollar.

Management fees represent the fee paid to the company's president and CEO.

Professional fees decreased in 2020 relating to the company's work to seek a listing for the company's shares in 2019.

Salaries and employee benefits represent the compensation to the company's CAO.

Share based payments increased in keeping with Black-Scholes value of the options vested in the period, and as a result of an increase in stock options granted.

Related Party Transactions

Golden Birch entered into the following transactions with related parties during the years ended December 31, 2020 and December 31, 2019:

With Directors of the Company:	2020 \$	2019 \$
Property acquisition payments paid to a corporation whose directors are directors of the Company	667,305	279,115
Management fees paid to directors of the Company	175,000	378,590
Share-based payments made to the Company's directors	93,858	204,527
Salary paid to Company's CAO	175,000	45,930
Rent paid to a person related to a Company director	8,000	3,000
Accounting services paid to a partnership in which an officer of the Company is a partner	112,884	83,838
Exploration and evaluation expenses paid to the Company's CEO	nil	72,000

Accounts payable and accrued liabilities as at December 31, 2020 include amounts owing to directors and officers in the amount of \$6,965 (December 31, 2019 - \$12,574). These amounts are unsecured, non-interest bearing and have no fixed terms of repayment.

Accounts receivable as at December 31, 2020 include amounts owing from a related corporation in the amount of nil (December 31, 2019 – \$20,000). The company is related through common management. The amount receivable is unsecured, non-interest bearing and have no fixed terms of repayment.

Directors subscribed for all of the shares in the June 30, 2019 non-brokered private placement described in note 7(ii) to the financial statements in exchange for extinguishment of accounts payable totalling \$398,995 and cash consideration of \$30,000.

Directors subscribed for all of the shares in the October 21, 2019 non-brokered private placements described in note 7(ii) to the financial statements in exchange for the extinguishment of accounts payable totalling \$70,500.

In the October 21, 2019 special warrant issuance, directors and officers of the Company and members of their families subscribed for 258,000 special warrants for cash consideration of \$38,700.

On March 2, 2020, the Company completed a liquidity event and the 258,000 special warrants were converted to 258,000 Class A shares of the Company with a value of \$38,700.

On February 12, 2020, the Company issued 3,573,600 Class A common shares with a stated value of \$0.15 per shares pursuant to the option on the Keveri property. The value attributed to the shares was based on the most recent financing prior to this event.

The directors of the company are the chairman of the board, Mr. David Drinkwater, the chief executive officer, Mr. Alan Martin, and the chief administrative officer, Mr. Iain Martin. Subsequent to December 31, 2020, Mr. David Drinkwater resigned from his position, and Mr. Iain Martin was appointed chairman of the board.

In accordance with IAS 24, key management personnel are those persons having authority and responsibility for planning, directing and controlling the activities of the Company directly or indirectly, including directors (executive or non-executive) of the Company.

Liquidity, Capital Resources, and Outlook

The Company is an exploration-stage company and does not generate revenues. As such, it finances all of its operations and the exploration of its mineral properties entirely through the issuance of share capital. Although Golden Birch has to date been successful in its attempts to raise capital, there can be no assurance that its future efforts will likewise be successful. The mineral exploration business is high risk and the vast majority of exploration projects will not result in producing mines. The success of future financings will depend on a variety of factors including geological success – i.e. obtaining superior results from exploration; a positive investment climate encompassing strong metal prices, solid stock market conditions, and a “risk-on” appetite among investors; and the Company’s track record and the ability and experience of management. If such financing is unavailable, Golden Birch may be unable to retain its mineral interests and execute its business plans.

Off-Balance Sheet Arrangements

The Company had no off-balance sheet arrangements as at December 31, 2020.

Critical Accounting Estimates and Policies

The Company’s significant accounting policies and the adoption of new accounting policies are disclosed in Notes 2(b) to the financial statements prepared for the years ended December 31, 2020 and 2019.

Critical accounting estimates used in the preparation of the financial statements include the Company’s estimate of the value of stock-based compensation and income tax accounts. These estimates involve considerable judgment and are, or could be, affected by significant factors that are out of the Company’s control.

The factors affecting stock-based compensation include estimates of when stock options and compensation warrants might be exercised and stock price volatility. The timing for exercise of options is out of the Company's control and will depend on a variety of factors, including the market value of the Company's shares and financial objectives of the share-based instrument holders. The Company used historical data to determine volatility in accordance with the Black-Scholes option pricing model. However, the future volatility is uncertain and the model has its limitations.

The Company's recoverability of its recorded value of its mineral exploration properties and associated deferred exploration and evaluation expenses is based on current market conditions for minerals, underlying mineral resources associated with the properties and future costs that may be required for ultimate realization through mining operations or by sale. The Company operates in an industry that is dependent on a number of factors including environmental, legal and political risks, the existence of economically recoverable reserves, and the ability of the Company to obtain necessary financing to complete the development, and future profitable production or the proceeds of disposition thereof.

Future Accounting Changes

The Company has not yet adopted certain new International Financial Reporting Standards ("IFRS") standards, amendments and interpretations to existing standards, which have been published but are only effective for its annual periods beginning on or after January 1, 2021. These include:

IAS 1 – Presentation of Financial Statements ("IAS 1") was amended in January 2020 to provide a more general approach to the classification of liabilities under IAS 1 based on the contractual arrangements in place at the reporting date. The amendments clarify that the classification of liabilities as current or noncurrent is based solely on a company's right to defer settlement at the reporting date. The right needs to be unconditional and must have substance. The amendments also clarify that the transfer of a company's own equity instruments is regarded as settlement of a liability, unless it results from the exercise of a conversion option meeting the definition of an equity instrument. The amendments are effective for annual periods beginning on January 1, 2023.

IAS 16 – Property, Plant and Equipment ("IAS 16") was amended. The amendments introduce new guidance, such that the proceeds from selling items before the related property, plant and equipment is available for its intended use can no longer be deducted from the cost. Instead, such proceeds are to be recognized in profit or loss, together with the costs of producing those items. The amendments are effective for annual periods beginning on January 1, 2022.

New IFRS standards adopted:

Certain new standards, interpretations, amendments and improvements to existing standards were issued by the IASB or IFRIC that are mandatory for accounting periods beginning on January 1, 2020 or later. These new standards and changes did not have any material impact on the Company's financial statements. Updates that are not applicable or are not consequential to the Company have been excluded.

Financial Instruments & Risk

The Company's financial instruments consist of cash, accrued liabilities and accrued liabilities and share subscriptions.

The Company's activities expose it to a variety of financial risks: liquidity risk, market risk (including interest rate, foreign exchange rate and price risk) and credit risk.

Risk management is carried out by the Company's management team with guidance from the Audit Committee under policies approved by the Board of Directors. The Board of Directors also provides regular guidance for overall risk management.

Credit Risk

The Company's credit risk is primarily attributable to cash. The Company has no significant concentration of credit risk arising from operations. Cash has been invested with reputable financial institutions from which management believes the risk of loss to be remote.

Liquidity Risk

The Company's approach to managing liquidity risk is to ensure that it will have sufficient liquidity to meet liabilities when due. As at December 31, 2020, the Company had a cash balance of \$1,441,644 (December 31, 2019 - \$1,638,012) to settle current liabilities of \$679,498 (December 31, 2019 - \$105,738). The Company's accounts payable and accrued liabilities generally have contractual maturities of less than 30 days and are subject to normal trade terms.

Interest Rate Risk

The Company has cash balances and no interest-bearing debt. The Company's current policy is to invest excess cash in investment-grade short-term deposit certificates issued by banking institutions. The Company periodically monitors the investments it makes and is satisfied with the credit ratings of its banks. The Company is sensitive to changes in the interest rates through interest income earned on its cash balance.

Price Risk

Price risk with respect to commodity prices is remote since the Company is not a producing entity.

Foreign Currency Risk

The Company is subject to foreign exchange risk as some of its operating and investing activities are transacted in currencies other than the Canadian dollar, including the Australian dollar and the Papua New Guinea kina. The Company is therefore subject to losses due to fluctuations in these currencies relative to the Canadian dollar.

As at December 31, 2020, the Company held approximately \$56,077 (December 31, 2019 - \$9,369) of cash balances denominated in Papua New Guinea kinas. As at December 31, 2020, the Company had accounts payable and accrued liabilities denominated in US dollars of \$15,995 (December 31, 2019 - \$nil), Australian dollars of \$3,039 (December 31, 2019 - \$7,040). A 10% change in the value of the Canadian dollar compared to the other foreign currencies in which the Company transacts would result in a corresponding foreign exchange gain/loss of approximately \$1,200 based on the balance of monetary assets and liabilities at December 31, 2020 (2019 - \$1,900).

Commodity price risk

The ability of the Company to develop its properties and the future profitability of the Company is directly related to fluctuations in the market price of certain minerals.

Commitments and Contingencies

As of October 1, 2019, the Company is party to consulting contract agreements with its Chief Executive Officer and an employment contract with its Chief Administrative Officer. The contracts provide for monthly cash payments of \$14,583 each.

These arrangements may be terminated by the Company without specifying any cause, at any time upon providing the party thereto with the greater of twelve (12) months' notice or pay in lieu, plus one (1) month's notice or pay in lieu for each completed year of service under the Consulting Agreement to a combined maximum of twenty-four (24) months, or the minimum amount of notice or pay in lieu required by

Employment Standards Act (Ontario).

The Company's mining and exploration activities are subject to various laws and regulations governing the protection of the environment. These laws and regulations are continually changing and generally becoming more restrictive. The Company believes its operations are materially in compliance with all applicable laws and regulations. The Company has made, and expects to make in the future, expenditures to comply with such laws and regulations.

Capital Management

The capital of the Company consists of common shares, treasury shares, warrants and options. The Company manages and adjusts its capital structure based on available funds in order to support the acquisition, exploration and development of its exploration and evaluation assets. The Company manages its capital structure and makes adjustments to it in light of changes in economic conditions and the risk characteristics of the underlying assets. In order to maintain or adjust its capital structure, the Company may issue new shares, seek debt financing, or acquire or dispose of assets. The Board of Directors does not establish quantitative return on capital criteria for management, but rather relies on the expertise of the Company's management to sustain future development of the business. The Company is not subject to any externally imposed capital requirements. Management reviews its capital management approach on an ongoing basis and believes that this approach, given the relative size of the Company, is reasonable. There have been no significant changes in the risks, objectives, policies and procedures in 2019 or 2020.

The Company's Keveri Project is in the exploration stage and it has neither revenues nor profits. As such the Company is wholly dependent on external financing to fund its planned exploration programs and administration costs. The Company will therefore spend its existing working capital and raise additional amounts when conditions permit it to do so.

Management has chosen to mitigate the risk and uncertainty associated with raising additional capital in current economic conditions by:

- (i) ensuring cost-effective deployment of existing funds, generally through competitive bidding;
- (ii) avoiding project "overstretch" – i.e. too many properties and projects, and too many commitments;
- (iii) minimizing discretionary disbursements;
- (iv) reducing or eliminating exploration expenditures that are of limited value;
- (v) maintaining a liquidity cushion in order to address any potential disruptions or industry downturns; and
- (vi) exploring alternative sources of liquidity.

Management reviews its capital management approach on an ongoing basis and believes that this approach, given the relative size of the Company, is appropriate.

Disclosure of Outstanding Share Data as at April 21, 2021

The following is a description of the outstanding equity securities and convertible securities previously issued by the Company:

Common Shares

Authorized: Unlimited number of common shares.

Outstanding: 89,514,123 common shares.

Options

A summary of the Company's options outstanding and exercisable at April 21, 2021 is presented below:

Exercise price	Options outstanding	Options exercisable	Expiry date
\$0.10	3,000,000	3,000,000	October 3, 2022
\$0.25	3,154,995	3,154,995	June 30, 2023
\$0.15	714,965	536,224	October 21, 2024
\$0.15	505,035	252,518	March 2, 2024
\$0.20	1,125,000	281,250	October 26, 2024
Total	8,499,995	7,224,987	

Subsequent Events

(a) Issuance of Class A shares

On January 4, 2021, the Company completed the non-brokered private placement financing. This tranche of 3,556,666 units at a price of \$0.15 per unit for gross proceeds of \$533,500 is comprised of one common share and one common share purchase warrant. Each warrant entitles the holder thereof to purchase one common share of the company at a price of \$0.20 per common share until January 4, 2026. The Company paid a finder's fee of \$900 in cash and 6,000 non-transferable finder's warrants, with each such warrant entitling the holder thereof to acquire one common share at a price of \$0.15 per share until January 4, 2026. As at December 31, 2020, the Company had received \$518,445 relating to this financing which has been presented as a liability on the statements of financial position.

(b) Keveri Property

Subsequent to December 31, 2020, the Company made the payment of \$150,000 AU and issued 664,032 Class A shares with a value of \$150,000 AU required pursuant to the Keveri Option and Joint Venture Agreement, as disclosed in note 5.

Risks and Uncertainties

The Company's securities should be considered high risk and highly speculative due to the nature of its business.

Substantial Number of Authorized but Unissued Shares

The Company has an unlimited number of Common Shares that may be issued by the Board without further action or approval of the Company's shareholders. While the Board is required to fulfill its fiduciary obligations in connection with the issuance of such shares, the shares may be issued in transactions with which not all shareholders agree, and the issuance of such shares will cause dilution to the ownership interests of the Company's shareholders.

Dilution

The financial risk of the Company's future activities will be borne to a significant degree by purchasers of the Common Shares. If the Company issues Common Shares from its treasury for financing purposes, control of the Company may change and purchasers may suffer additional dilution.

No Market for Securities

There is currently no market through which any of the Common Shares may be sold, and there is no assurance that such securities of the Company will be listed for trading on a stock exchange, or if listed, will provide a liquid market for such securities. Until the Common Shares are listed on a stock exchange, holders of the Common Shares may not be able to sell their Common Shares. Even if a listing is obtained, there can be no assurance that an active public market for the Common Shares will develop or be sustained after completion of the Offering. The holding of Common Shares involves a high degree of risk and should be undertaken only by investors whose financial resources are sufficient to enable them to assume such risks and who have no need for immediate liquidity in their investment. Common Shares should not be purchased by persons who cannot afford the possibility of the loss of their entire investment.

Negative Cash Flow from Operating Activities

The Company has no history of earnings and had negative cash flow from operating activities since inception. The Keveri Property is in the exploration stage and there are no known mineral resources or reserves and the proposed exploration program on the Keveri Property is exploratory in nature. Significant capital investment will be required to achieve commercial production from the Company's existing projects. There is no assurance that the Keveri Property will generate earnings, operate profitably or provide a return on investment in the future. Accordingly, the Company will be required to obtain additional financing in order to meet its future cash commitments.

Current Market Volatility

The securities markets in the United States and Canada have recently experienced a high level of price and volume volatility, and the market prices of securities of many companies have experienced wide fluctuations in price which have not necessarily been related to the operating performance, underlying asset values or prospects of such companies. There can be no assurance that continual fluctuations in price will not occur. It may be anticipated that any market for the Common Shares will be subject to market trends generally, notwithstanding any potential success of the Company. The value of the Common Shares distributed hereunder will be affected by such volatility.

Use of Funds

The Company has prepared a detailed budget setting out the way in which it proposes to expend the funds. However, the quantum and timing of expenditure will necessarily be dependent upon receiving positive results from the Company's exploration activities on the Keveri Property. As the Company conducts its exploration program, it is possible that results and circumstances may dictate a departure from the pre-existing budget. Further, the Company may, from time to time as opportunities arise, utilise part of its financial resources to participate in additional opportunities that arise and fit within the Company's broader objectives, as a means of advancing shareholder value.

No Production History

The Keveri Property is not a producing property and its ultimate success will depend on its operating ability to generate cash flow from producing properties in the future. The Company has not generated any revenue to date and there is no assurance that it will do so in the future. The Company's business operations are at an early stage of development and its success will be largely dependent upon the outcome of the exploration programs that the Company proposes to undertake.

Limited Operating History

The Company has no properties producing positive cash flow and its ultimate success will depend on its ability to generate cash flow from producing properties in the future. The Company has not earned profits to date and there is no assurance that it will do so in the future. Significant capital investment will be required to achieve commercial production from the Company's existing projects. There is no assurance that the Company will be able to raise the required funds to continue these activities.

Exploration, Mining and Operational Risks

The business of exploring for and mining minerals involves a high degree of risk. Few properties that are explored are ultimately developed into producing mines. At present, the Keveri Property does not have any known mineral resources or reserves and the proposed exploration and drilling programs are an exploratory search for such mineral resources or reserves.

The Company's operations are subject to all the hazards and risks normally associated with the exploration, development and mining of minerals, any of which could result in risk to life, to property, or to the environment. The Company's operations may be subject to disruptions caused by unusual or unexpected formations, formation pressures, fires, power failures and labour disputes, flooding, explosions, cave-ins, landslides, the inability to obtain suitable or adequate equipment, machinery, labour or adverse weather conditions. The availability of insurance for such hazards and risks is extremely limited or uneconomical at this time.

In the event the Company is fortunate enough to discover a mineral deposit, the economics of commercial production depend on many factors, including the cost of operations, the size and quality of the mineral deposit, proximity to infrastructure, financing costs and Government regulations, including regulations relating to prices, taxes, royalties, land tenure, land use, importing and exporting minerals and environmental protection. The effects of these factors cannot be accurately predicted, but any combination of these factors could adversely affect the economics of commencement or continuation of commercial mineral production.

Mining Claims

The operations of the Company will require licenses and permits from various governmental authorities in Papua New Guinea ("PNG"). There can be no assurance that the Company will be able to obtain all necessary licenses and permits that may be required to carry out the exploration and development of its projects in a timely manner or at all.

The activities of the Company will be subject to government approvals, various laws governing prospecting, development, land resumptions, production taxes, a gold export license, labour standards and occupational health, mine safety, toxic substances and other matters. Although the Company intends to carry out its activities in accordance with all applicable rules and regulations, no assurance can be given that new rules and regulations will not be enacted or that existing rules and regulations will not be applied in a manner which could limit or curtail production or development.

The Company's operations will also be subject to environmental regulations promulgated by government agencies from time to time. Environmental legislation provides for restrictions and prohibitions on spills, releases or emissions of various substances produced in association with certain mining industry operations, such as seepage from tailings disposal areas, which would result in environmental pollution. A breach of such legislation may result in imposition of fines and penalties.

There are several permits required for mining operations in PNG, including:

- License to keep, store or possess explosives;
- Permit for persons using explosives;
- Conveyance of explosives and dangerous goods;
- License to keep, or register premises to store inflammable liquids;
- Approval to recruit non-citizens;
- Gold export license;
- Export consignment form;
- Establishing foreign bank accounts to meet exchange control requirements;
- Tax clearance certificates for transfer of funds out of PNG.

The Company does not have any of these permits in a current or useable form, and will be required to apply for and obtain all necessary permits as required to mine, process and sell product. There is no guarantee the Company will be able to obtain the necessary permits in a timely manner or at all. Delays in obtaining permits could materially delay the Company's operations, and failure to obtain any necessary permit could materially restrict the Company's future operations.

Country Risks

The Company's mineral properties are located in and its activities will be conducted in PNG and as such the Company will be exposed to various levels of political, economic and other risks and uncertainties associated with carrying on business in PNG. These risks include but are not limited to, political instability, an unpredictable legal system, civil unrest, inconsistent and unsophisticated land tenure system, government land policy and government ownership of or participation in mining projects, high levels of corruption, significant delays in permitting and approvals, fluctuations in currency exchange rates, high rates of inflation, excessive import duties and taxes on the importation of equipment, expropriation and nationalization, restrictions on foreign ownership, possible future restrictions on foreign exchange and repatriation, changes in taxation, labour and mining regulations and policies, and changing political conditions, currency controls, and government regulations that favour or require the awarding of contracts to local contractors or require foreign contractors to employ local citizens.

Changes, if any, in mining or investment policies, or shifts in political attitude in PNG, may adversely affect the Company's operations or profitability. Failure to comply strictly with applicable laws, regulations and local practices relating to mineral right applications, and tenure, could result in loss, reduction or expropriation of entitlements, or the imposition of additional local or foreign parties as joint venture partners with carried or other interests.

One potential cost of care and maintenance to be incurred by the Company will be for security personnel. The Company will have to maintain a minimum level of security to protect its assets and personnel; however, there is no guarantee that such measures will provide an adequate level of protection for the Company.

Corruption and Bribery

The Company must comply with anti-corruption and anti-bribery laws, including the Canadian Corruption of Foreign Public Officials Act as well as similar laws in the countries in which the Company conducts its business. Such laws apply to all directors, officers, employees, consultants and agents of the Company and each subsidiary thereof. If the Company finds itself subject to an enforcement action or is found to be in violation of such laws, this may result in significant penalties, fines and/or sanctions imposed on the Company, which may have a material adverse effect on it.

Mining Decision

The Company may choose to initiate mining operations on any part of the Keveri Property, without basing its production decision on a feasibility study, pre-feasibility study, preliminary economic assessment or mining study of mineral reserves demonstrating economic and technical viability, and therefore be subject to a higher risk of uncertainty. There is no assurance, given all of the known and potentially unknown risks associated with the Keveri Property that the Company will be able to profitably carry on mining operations. In addition, there is no assurance continued exploration of the Keveri Property will demonstrate adequate additional mineralization which can be mined economically, such that mining operations on the Keveri Property may not be sustainable beyond currently estimated resources.

Royalties

The PNG Mining Act 1992 provides that all minerals at or below the surface of any land are the property of the State. As a result, the tenements underlying the Keveri Property are subject to royalties and interests in favour of the government of PNG in accordance with that Act. The holder of a mining lease or a special mining lease under that Act is required to pay a royalty to the State equal to 2% of either: (i) the free on board value of the minerals, if they are exported without smelting or refining in PNG; or (ii) the net smelter return from the minerals, if they are smelted or refined in PNG. In addition to royalty costs, the PNG government also imposes a second cost on mining project in PNG in the form of a 0.25% levy of mine revenue.

State Participation Right

Generally the PNG government has the right to participate in mining operations by acquiring up to a 30% interest in a mining licence. It is uncertain whether the PNG government will choose to exercise this right with regards to the Keveri Property; however, the risk remains that the government could seek to impose and exercise such right, which could result in, among other things, material and costly negotiations as to the fair market value of such right and the terms of payment. Upon exercise of the government's option, the state would fund its share of capital and ongoing costs and the Company repaid its share of sunk costs.

Foreign Enterprise Carrying on Business in PNG

Foreign companies carrying on business in PNG are required to obtain a certificate under the Investment Promotion Act (PNG) permitting such activity. Papuan Minerals Ltd. had the necessary certificate under that Act, however there is a requirement for foreign companies to recertify in the event of a change in the ownership, shareholder or beneficial ownership or control of the foreign enterprise. The Company will be required to seek recertification under that Act upon exercise of the Company's option to acquire of 51% of the shares of Papuan Minerals Ltd. pursuant to the Keveri Option Agreement. There is no assurance such re-certifications will be granted, failure of which will adversely impact on, or may preclude, the Company's ability to carry on business in PNG.

Assurance of Title

The Company has taken all reasonable steps to attempt to ensure that proper title to the Keveri Property has been obtained and that all grants of such rights thereunder, if any, have been registered with the appropriate public offices. Despite the due diligence conducted by the Company, there is no guarantee that title to such Keveri Property will not be challenged or impugned. The Company's mineral property interests may be subject to prior unregistered agreements or transfers or aboriginal land claims and title may be affected by undetected defects.

Possible Loss of Interests in Keveri Property

The Keveri Option Agreement pursuant to which the Company acquired its interest in the Keveri Property requires the Company to make a series of payments in cash and to issue Common Shares over certain time periods and expend certain minimum amounts on the exploration of the Keveri Property. If the Company fails to make such payments or expenditures within the prescribed time periods, the Company may lose its interest in the Keveri Property without any recourse.

Possible Failure to Obtain Mining Licenses

Even if the Company does complete the required exploration activities on the Keveri Property, it may not be able to obtain the necessary licences or permits to conduct mining operations, and thus would realize no benefit from such exploration activities.

Competition

The Company competes with numerous other companies and individuals possessing greater financial resources and technical facilities than itself in the search for, and acquisition of, mineral claims, leases and other mineral interests, as well as the recruitment and retention of suitably qualified individuals.

Conflicts of Interest

Some of the Company's directors and officers act as directors and/or officers of other mineral exploration companies. As such, the Company's directors and officers may be faced with conflicts of interests when evaluating alternative mineral exploration opportunities. In addition, the Company's directors and officers may prioritize the business affairs of another Company over the affairs of the Company.

Personnel

The Company has a small management team and the loss of any key individual could affect the Company's business. Additionally, the Company will be required to secure other personnel to facilitate its exploration program on the Keveri Property. Any inability to secure and/or retain appropriate personnel may have a materially adverse impact on the business and operations of the Company.

Volatility of Commodity Prices

The market prices of commodities are volatile and are affected by numerous factors, which are beyond the Company's control. These factors include international supply and demand, consumer product demand, international economic trends, currency exchange rate fluctuations, interest rates, inflation, global or regional political events, as well as a range of other market forces. Sustained downward movements in commodity prices could render less economic, or uneconomic, some or all of the exploration activities to be undertaken by the Company.

Environmental Risks and Other Regulatory Requirements

Inherent with mining operations is an environmental risk. The current or future operations of the Company, including exploration and development activities and commencement of production on the Keveri Property, require permits from various governmental authorities. Such operations are governed by laws and regulations that govern prospecting, mining, development, production, taxes, labour standards, occupational health, waste disposal, toxic substances, land use, environmental protection, mine safety, and other matters. Companies engaged in the development and operation of mines and related facilities generally experience increased costs and delays in production as a result of needing to comply with applicable laws, regulations and permits. There can be no assurance that all permits that the Company requires for future, exploration, development, construction and operation of mining facilities and the conduct of mining operations will be obtainable on reasonable terms or that such laws and regulations would not have an adverse effect on the operations of the Company.

The legal framework governing this area is constantly developing, therefore the Company is unable to fully ascertain any future liability that may arise from the implementation of any new laws or regulations, although such laws and regulations are typically strict and may impose severe penalties (financial or otherwise). The proposed activities of the Company, as with any exploration, may have an environmental impact which may result in unbudgeted delays, damage, loss and other costs and obligations including, without limitation, rehabilitation and/or compensation. There is also a risk that the Company's operations and financial position may be adversely affected by the actions of environmental groups or any other group or person opposed in general to the Company's activities and, in particular, the proposed exploration and mining by the Company within the Republic of PNG.

Uninsured Risks

The Company, as a participant in exploration and mining programs, may become subject to liability for hazards such as unusual geological or unexpected operating conditions that cannot be insured against or against which it may elect not to be so insured because of high premium costs or other reasons. The Company is currently uninsured against all such risks as such insurance is either unavailable or uneconomic at this time. The Company also currently has no key man insurance or property insurance as such insurance is uneconomical at this time. The Company will obtain such insurance once it is available and, in the opinion of the Board, economical to do so. The Company may incur a liability to third parties (in excess of any insurance coverage) arising from pollution or other damage or injury.

The Company is not insured against most environmental risks. Insurance against environmental risks has not been generally available to companies within the mining and exploration industry. Without such insurance, and if the Company does become subject to environmental liabilities, the costs of such liabilities would reduce or eliminate the Company's available funds or could result in bankruptcy. Should the Company be unable to fully fund the remedial costs of an environmental problem, it may be required to enter into interim compliance measures pending completion of the required remedy.

Health and Safety Risks

A violation of health and safety laws, or the failure to comply with the instructions of relevant health and safety authorities, could lead to, among other things, a temporary cessation of activities on the Keveri Property or any part thereof, a loss of the right to prospect for minerals, or the imposition of costly compliance procedures. This could have a material adverse effect on the Company's operations and/or financial condition.

Tax Issues

Income tax consequences in relation to the securities offered will vary according to the circumstances of each purchaser. Prospective purchasers should seek independent advice from their own tax and legal advisers prior to subscribing for the securities.

Additional Requirements for Capital

Substantial additional financing will be required if the Company is to be successful in pursuing its ultimate strategy of discovering and extracting mineral resources. No assurances can be given that the Company will be able to raise the additional capital that it may require for its anticipated future operations. Commodity prices, environmental rehabilitation or restitution, revenues, taxes, transportation costs, capital expenditures, operating expenses, geological results and the political environment are all factors which will have an impact on the amount of additional capital that may be required. Any additional equity financing may be dilutive to investors and debt financing, if available, may involve restrictions on financing and operating activities. There is no assurance that additional financing will be available on terms acceptable to the Company, if at all. If the Company is unable to obtain additional financing as needed, it may be required to reduce the scope of its operations or anticipated expansion, forfeit its interest in the Keveri Property, incur financial penalties, or reduce or terminate its operations.

Smaller Companies

The share price of publicly traded smaller companies can be highly volatile. The value of the Common Shares may go down as well as up and, in particular, the share price may be subject to sudden and large falls in value given the restricted marketability of the Common Shares.

Liquidity of the Common Shares

Listing on the Exchange should not be taken as implying that there will be a liquid market for the Common Shares. Thus, an investment in the Common Shares may be difficult to realise. Investors should be aware that the value of the Common Shares may be volatile. Investors may, on disposing of Common Shares, realise less than their original investment, or may lose their entire investment. The Common Shares, therefore, may not be suitable as a short-term investment.

The market price of the Common Shares may not reflect the underlying value of the Company's net assets. The price at which the Common Shares will be traded, and the price at which investors may realise their Common Shares, will be influenced by a large number of factors, some specific to the Company and its proposed operations, and some that may affect the sectors in which the Company operates. Such factors could include the performance of the Company's operations, large purchases or sales of the Common Shares, liquidity or the absence of liquidity in the Common Shares, legislative or regulatory changes relating to the business of the Company, and general market and economic conditions.

General

Although management believes that the above risks fairly and comprehensibly illustrate all material risks facing the Company, the risks noted above do not necessarily comprise all those potentially faced by the Company as it is impossible to foresee all possible risks.

Disclosure of Internal Controls

Management has established processes to provide them with sufficient knowledge to support representations that they have exercised reasonable diligence that (i) the audited annual financial statements do not contain any untrue statement of material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it is made, as of the date of and for the periods presented by the audited annual financial statements and (ii) the audited annual financial statements fairly present in all material respects the financial condition, results of operations and cash flow of the Company, as of the date of and for the years presented.

Golden Birch Resources Inc.
Management's Discussion and Analysis

Twelve months ended December 31, 2020

The Company is not required to certify the design and evaluation of the Company's disclosure controls and procedures ("**DC&P**") or its internal control over financial reporting ("**ICFR**"). There are inherent limitations on the ability of the certifying officers of the Company to design and implement on a cost effective basis DC&P and ICFR for the Company, which may result in risks to the quality, reliability, transparency, and timeliness of interim and annual filings and other reports required under applicable securities legislation."

Additional Information

Additional information relating to the Company will be available in the near future at www.goldenbirchresources.ca.