



Heatherdale Resources Ltd.

MANAGEMENT'S DISCUSSION AND ANALYSIS

THREE MONTHS ENDED JANUARY 31, 2020

Table of Contents

1.1	Date	3
1.2	Overview	4
1.2.1	Niblack Project, Southeast Alaska	5
1.2.1.1	Technical Programs	5
1.2.2	Market Trends	8
1.3	Selected Annual Information	10
1.4	Summary and Discussion of Quarterly Results	10
1.5	Results of Operations	10
1.6	Liquidity	12
1.7	Capital Resources	13
1.8	Off-Balance Sheet Arrangements	13
1.9	Transactions with Related Parties	14
1.10	Fourth Quarter	15
1.11	Proposed Transactions	15
1.12	Critical Accounting Estimates	15
1.13	Changes in Accounting Policies including Initial Adoption	15
1.14	Financial Instruments and Other Instruments	15
1.15	Other MD&A Requirements	16
1.15.1	Additional Disclosure for Venture Issuers without Significant Revenue	16
1.15.2	Disclosure of Outstanding Share Data	17
1.15.3	Internal Controls over Financial Reporting	17
1.15.4	Disclosure Controls and Procedures	17
1.15.5	Risk Factors	17

1.1 Date

This Management's Discussion and Analysis ("MD&A") should be read in conjunction with the unaudited condensed consolidated interim financial statements (the "Interim Financial Statements") of Heatherdale Resources Ltd. (the "Company" or "Heatherdale") for the three ended January 31, 2019 and the audited consolidated financial statements of the Company for the year ended October 31, 2019 (the "Financial Statements") and the annual MD&A for the same period, as publicly filed under the Company's profile on SEDAR at www.sedar.com.

The Company reports in accordance with International Financial Reporting Standards as issued by the International Accounting Standards Board ("IASB") and interpretations of the IFRS Interpretations Committee ("IFRIC"s) (together, "IFRS"). The following disclosure and associated consolidated financial statements are presented in accordance with IFRS. This MD&A is prepared as of March 30, 2020. All dollar amounts herein are expressed in **United States Dollars** unless otherwise specified. The references to 2020, 2019 and 2018 represent each of the Company's fiscal years ended October 31 respectively unless indicated otherwise and the three-month periods denoted by the letter "Q" are the Company's fiscal quarters.

This discussion includes certain statements that may be deemed "forward-looking statements".

All statements in this disclosure, other than statements of historical facts, that address permitting, exploration drilling, exploitation activities and events or developments that the company expects are forward-looking statements. Although the Company believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results or developments may differ materially from those in the forward-looking statements. Assumptions used by the Company to develop forward-looking statements include the following: the Niblack project will obtain all required environmental and other permits and all land use and other licenses; studies and exploration of the Niblack project will continue to be positive; and no geological or technical problems will occur. Factors that could cause actual results to differ materially from those in forward-looking statements include market prices, exploitation and exploration successes, continuity of mineralization, potential environmental issues and liabilities associated with exploration, development and mining activities, uncertainties related to the ability to obtain necessary permits, licenses and title and delays due to third party opposition, changes in government policies regarding mining and natural resource exploration and exploitation, continued availability of capital and financing, and general economic, market or business conditions. Investors are cautioned that any such statements are not guarantees of future performance and actual results or developments may differ materially from those projected in the forward-looking statements. For more information on the Company, investors should review the Company's continuous disclosure filings that are available at www.sedar.com.

Forward-looking statements are generally, but not always, identified by the use of forward-looking terminology such as "plans", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", "projects", "potential", "believes" or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", "should", "might" or "will be taken", "occur" or "be achieved".

The Company reviews its forward-looking statements on an ongoing basis and updates this information when circumstances require it.

Information Concerning Estimates of Indicated and Inferred Resources

The following discussion uses the terms "indicated resources" and "inferred resources". These terms are recognized and required by Canadian regulations under National Instrument 43-101, *Standards of Disclosure for Mineral Projects* ("43-101"). The United States Securities and Exchange Commission (the "SEC") has adopted amendments to its disclosure rules to modernize the mineral property disclosure requirements for issuers whose securities are registered with the SEC under the US *Securities Exchange Act of 1934*, effective February 25, 2019 ("The SEC Modernization Rules"). The SEC Modernization Rules replace the historical property disclosure requirements for mining registrants that were included in SEC Industry Guide 7, which will be rescinded. The SEC Modernization Rules include the adoption of definitions of the terms and the categories of resources which are "substantially similar" to the corresponding terms under Canadian regulations in 43-101. **Investors are cautioned not to assume that all or any part of the mineral deposits in these categories will ever be converted into reserves.** In addition, "inferred resources" have a great amount of uncertainty as to their existence, and economic and legal feasibility. It cannot be assumed that all or any part of an inferred resource will ever be upgraded to a higher category. Under Canadian rules, estimates of inferred resources may not form the basis of feasibility or pre-feasibility studies, or economic studies except for a Preliminary Economic Assessment as defined under 43-101. **Investors are cautioned not to assume that all or part of an inferred resource exists, or is economically or legally mineable.**

1.2 Overview

Heatherdale is an exploration and development company focused on its 100%-owned Niblack Project. The Niblack Project is located at tidewater on Prince of Wales Island, near to the City of Ketchikan in southeast Alaska, USA. Southeast Alaska has excellent power and transportation infrastructure as well as a workforce with skills in industrial development, and a long history of public and official support for responsible mineral resource development and mining.

Copper, gold, zinc, and silver mineralization occurs within at least six volcanogenic massive sulphide ("VMS") zones hosted by a folded sequence of felsic volcanic rocks that extend across the Niblack property. Significant mineral resources have been estimated for two deposits on the property, Lookout and Trio.

There is excellent potential to expand the mineral resources through further drilling at Lookout and Trio and additional exploration at the other known zones. As only one quarter of the extent of the prospective volcanic rocks on the property has been tested by drilling, the opportunity to discover new VMS deposits is also considered to be excellent.

Preliminary engineering studies, including metallurgical testing and investigations of potential sites for infrastructure that would support mine development have been done for the Niblack Project. Heatherdale and Ketchikan Gateway Borough have worked cooperatively to identify sites for facilities with access to local infrastructure. In addition, Alaskan State Senate Bill 99 was signed into law in June 2014; Senate Bill 99 authorizes the Alaska Industrial Development and Export Authority at its discretion once it has completed its due diligence process, to finance up to \$125 million in infrastructure and construction costs for the Niblack Project. Further details of these initiatives are provided under Engineering in section [1.2.1.1](#).

Financing remains very challenging in the exploration and development sector of the mining industry. Management continues to deploy the Company's cash resources carefully in order to hold the Niblack Project on a care and maintenance basis, while seeking to secure additional financing or a strategic partner(s) to advance the Project toward the pre-feasibility stage; however, the financial position of the Company at this time remains difficult. Environmental monitoring and site maintenance continues in 2020, in order to maintain the Company's site permits.

1.2.1 Niblack Project, Southeast Alaska

1.2.1.1 Technical Programs

The 6,200-acre Niblack property is situated at tidewater on Prince of Wales Island, some 27 miles from the City of Ketchikan in southeast Alaska. Ketchikan is a community of 8,000 people with important services to support project development, including a deep-water port and an international airport.

History

The Niblack property has a history of mineral exploration, development, as well as some production. Underground mining operations occurred from 1905-08 at the Niblack zone and produced approximately 20,000 tons grading 4.9% copper, 2.2 g/t gold and 30 g/t silver.

Some \$41 million was spent by previous owners on exploration activities at Niblack to the end of 2008. That work included:

- Discovery of six VMS zones, namely, Lookout, Trio, Dama, Lindsay, Mammoth and the historical Niblack mine;
- Development of a 2,800-foot underground development drift and 500 feet of crosscuts: the underground development has facilitated cost-effective underground drilling;
- Commission of preliminary metallurgical testing: average results include recoveries to copper concentrate of 95% copper, 56% gold and 53% silver with payable metal factors of 96.5% for copper, 90.7% for gold and 89.5% for silver; recoveries to zinc concentrate are 93% zinc, 16% gold and 24% silver with payable metal factors of 85% for zinc, 80% for gold and 20% for silver;
- Completion of 195,000 feet of surface and underground drilling in 246 holes: the last two holes (U027 and U028) drilled from underground during the 2008 program intersected important thicknesses of mineralization with grades significantly higher than the historical averages, indicating the presence of a new high-grade zone to the southwest of the Lookout deposit; and
- An initial estimation of the mineral resources in the Lookout and Trio deposits in early 2009.

Work by Heatherdale

The potential for substantial high-grade mineralization, as indicated by holes U027 and U028 at the Lookout deposit, led Heatherdale to obtain an interest in the project in mid-2009. Since that time, the Company has completed surface exploration and nearly 200,000 feet of drilling: 176,000 feet in underground holes and 23,300 feet in surface holes.

The Company's 2009 and 2010 underground drilling programs focused on expanding the high-grade discovery at Lookout. Substantial increases to the size of the deposit were achieved and an internal high-grade portion was identified. Additional underground drilling and some surface drilling was completed at Lookout, Trio and several other target areas on the property in 2011 and 2012. The most recent estimate of the mineral resources was completed in late 2011.

Geology

The geology of the Niblack property consists of three main rock units: a Footwall Succession of primarily dacitic and basaltic volcanic and volcanoclastic rocks; a Felsic Succession of felsic flows and volcanoclastic rocks, which

host all known sulphide occurrences; and a Hanging Wall Succession, made up of mafic volcano-sedimentary rocks and basaltic flows. All of these units are folded, cut by mafic to felsic dykes and/or sills, and offset or disrupted by two main faults. The sequence extends for some six miles across the Niblack property.

The known mineralization occurs as VMS deposits or zones. Differing somewhat from the classic VMS model, most of the sulphide deposition at Niblack appears to have taken place beneath the seafloor within permeable volcanic rocks. As a result, the semi-massive and massive sulphide mineralization occurs as pore-space fillings or in 'matrix replacement' zones.

Copper, gold, zinc and silver are the main metals of potential economic importance and, locally, there are also elevated concentrations of lead. Gold content is noticeably higher than the average for volcanogenic systems and is associated with all styles of mineralization. Importantly, concentrations of 'undesirable' trace elements (e.g. arsenic, antimony, cadmium, mercury, selenium) are low for the deposit type.

Mineral Resources

The Niblack mineral resources tabulated below were estimated for copper (Cu), gold (Au), zinc (Zn) and silver (Ag) in November 2011 for the Lookout and Trio deposits. The estimate employed three-dimensional geostatistical modeling techniques and utilized a database of 373 drill holes.

LOOKOUT AND TRIO MINERAL RESOURCES at a \$50 NSR cutoff					
INDICATED					
Deposit	Tonnes	Cu (%)	Au (g/t)	Zn (%)	Ag (g/t)
Lookout (sulphide)	5,638,000	0.95	1.75	1.73	29.52
TOTAL	5,638,000	0.95	1.75	1.73	29.52
INFERRED					
Deposit	Tonnes	Cu (%)	Au (g/t)	Zn (%)	Ag (g/t)
Trio (sulphide)	1,023,000	1.00	1.11	1.56	16.56
Lookout (sulphide)	2,370,000	0.73	1.42	1.17	21.63
TOTAL	3,393,000	0.81	1.32	1.29	20.10

Notes to the above table:

Net Smelter Return ("NSR") cutoffs stated above and below use long-term metal forecasts: gold \$1,150/oz, silver \$20.00/oz, copper \$2.50/lb, and zinc \$1.00/lb; and recoveries to Cu concentrate of 95% Cu, 56% Au and 53% Ag with payable metal factors of 96.5% for Cu, 90.7% for Au, and 89.5% for Ag; and to Zn concentrate of 93% Zn, 16% Au, and 24% Ag with payable metal factors of 85% for Zn, 80% for Au and 20% for Ag. Detailed engineering studies will determine the best cutoff.

A continuous higher-grade zone occurs within the indicated resources of the Lookout Zone that comprises 1.16 million tonnes grading 1.71% Cu, 3.21 g/t Au, 3.83% Zn and 62.68 g/t Ag at a \$150 NSR cutoff. There is also potential to increase overall mineral resources in the Lookout deposit, as the deposit remains open in several areas. In addition, the mineralization at the Trio deposit is still open in three directions.

The mineral resources were estimated by Deon Van Der Heever, Pr. Sci. Nat., a Qualified Person who was not independent of the Company. The estimates were reviewed and verified by Marek Nowak, PEng., SRK Consulting, as described in a technical report, effective date November 2011, filed under Heatherdale's profile at www.sedar.com.

Exploration Potential

There are opportunities to further delineate and extend the Lookout and Trio deposits and make new discoveries through exploration of other targets along the prospective stratigraphy on the Niblack property.

The Mammoth zone is approximately 3,000 feet northwest of the Trio deposit along the prospective felsic horizon at Niblack. Narrow widths of mineralization were intersected in several holes drilled in this area, historically, but only limited efforts had been made to trace those intersections along strike or down dip. Significant mineralization was intersected in hole U112 (7 feet of 6.78% Cu, 0.99 g/t Au, 7.07% Zn and 59 g/t Ag) and hole U114 (8 feet of 1.67% Cu, 19.51 g/t Au, 3.32% Zn and 263 g/t Ag) drilled from underground by Heatherdale at the Mammoth zone in 2011. Follow up drilling is required to delineate mineral resources at Mammoth.

A number of compelling targets from historical work have yet to be fully explored. This includes an intersection of 63 feet grading 6.4% Cu, 1.37 g/t Au 3.2% Zn and 53 g/t Ag at the Dama zone.

In addition, detailed geological mapping, sampling and diamond drilling completed by Heatherdale from 2009-2011 established several new target-areas along the favorable felsic sequence.

The potential at Lookout, Trio and the other targets and zones will be prioritized for further drill testing, subject to the Company's ability to secure funding for the work.

Engineering

The 2011 resource estimate established a base on which to initiate engineering studies for the Niblack Project. Preliminary studies of site logistics and infrastructure for potential mine development indicate the advantages of direct-shipping material from an underground mine at Niblack to an offsite location for milling and metallurgical treatment. Potential locations were identified for the processing plant and tailings storage facility. Two of these are industrial sites in the Ketchikan area and, as such, each has access to a skilled workforce, existing transportation infrastructure, and hydroelectric power.

In 2012, Heatherdale's subsidiary, Niblack Project LLC, signed a Memorandum of Understanding ("MOU") with the Ketchikan Gateway Borough ("Heatherdale-KGB MOU"), whereby the parties will work cooperatively to assess the suitability of one of these sites, called the Gravina Island Industrial Complex ("GIIC"), for a mill and tailings facility for the Niblack Project.

In 2013, Heatherdale reached an MOU (the "Heatherdale-AIDEA MOU") with the Alaska Industrial Development and Export Authority ("AIDEA")¹ to work together to evaluate the potential for processing, port and tailings storage facilities at the GIIC site near Ketchikan and to investigate infrastructure requirements at the Niblack site on Prince of Wales Island regarding the suitability for AIDEA involvement. In June 2014, Senate Bill 99 ("SB 99") was signed into law, which authorizes AIDEA at its discretion once it has completed its due diligence process, to issue bonds up to a maximum of \$125 million to finance infrastructure and construction costs of the Niblack Project. Infrastructure and construction costs include a mineral processing mill, and associated dock, loading and related infrastructure at the GIIC, and infrastructure at the Niblack Project site on Prince of Wales Island. The infrastructure facilities would be either owned or financed by AIDEA. This AIDEA infrastructure financing would be a significant benefit to the development of the Niblack Project.

¹ AIDEA is a public corporation of the State of Alaska with a mission to promote, develop, and advance economic growth and diversification in the state by providing financing and investment.

Management continues to review options for development of the project, which would advance if funds become available for engineering studies to complete the work.

Environmental

Environmental and maintenance work continues in 2020 commensurate with permits for the site.

To assist in water management at the site over the longer term, Heatherdale applied for and acquired an Alaska Pollutant Discharge Elimination System ("APDES") permit from the Alaska Department of Environmental Conservation, which authorizes discharge from the Niblack Wastewater Treatment Facility over a 5-year period beginning September 1, 2015. The permit requires ongoing environmental monitoring to ensure that the discharges continue to meet regulatory specifications. If the Company raises financing to complete additional site work, it plans to implement the disposal system authorized under the APDES permit.

Community Engagement

Heatherdale is committed to working with the people of southeast Alaska to find ways to optimize local benefits associated with development at Niblack. The Company continues to engage with project stakeholders to keep them informed about activities related to the project.

People in the communities, as well as the elected leadership at the local, state and federal levels have demonstrated strong interest and involvement in the Niblack Project.

1.2.2 Market Trends

The discussion in this section references calendar years.

In 2020, metal prices have been impacted significantly by the downturn in economic conditions related to the global COVID-19 epidemic.

Copper prices were variable in 2015 and 2016, and the average annual price decreased. Prices were variable to improving in 2017 resulting in an increase in the average annual price increase. Prices were variable in early 2018, trended downward from June to August, then improved through to the end of the year and into 2019. Prices decreased in April/May and were slightly variable through September when they increased, and remained stable until late January 2020 when they dropped sharply, losing the gain made in late 2019. Prices dropped again in March 2020 but have rebounded slightly since mid-month. A recent closing price is US\$2.16/lb.

Gold prices were variable in 2015, with a decrease in the average annual price from the prior year. Prices trended upward for most of 2016. In 2017, prices were variable to increasing, but then dropped late in the year. After rebounding in January 2018, prices were relatively stable for several months, until dropping in the third quarter of 2018. Prices trended upward in the latter part of 2018 and early 2019, started a strong uptrend in May before stabilizing from September to December 2019. Gold prices trended upward from January to March 2020, when they dropped sharply to US\$1,474/oz, but have rebounded since mid-month. A recent closing price is US\$1,617/oz.

Zinc prices were generally strong for two to three years from 2015-2018, reaching over US\$1.60/lb in early 2018. Prices have been variable since that time and the average annual price decreased in 2019. In 2020, prices have largely been on a downtrend. A recent closing price is US\$0.83/lb.

Silver prices varied, and the average annual price decreased in 2015. Prices were variable to improving during most of 2016 and 2017. Prices declined in late 2017 but recovered in January 2018, and then were variable for the rest of the year, with a decrease in the average annual price in 2018. Prices were variable in 2019, but increased since late May and again in September, then trended downward, then stabilized in November and December. Silver prices increased in early January 2020, stabilized, then spiked again in late February 2020. Silver prices decreased significantly in March 2020 to US\$12.00/oz, but have rebounded somewhat since mid-month. A recent closing price is US\$14.31/oz.

Average annual prices for the past five calendar years as well as the average prices so far in 2020 for copper (Cu), gold (Au), zinc (Zn) and silver (Ag) are shown in the table below:

Year	Cu (\$/lb)	Au (\$/oz)	Zn (\$/lb)	Ag (\$/oz)
2015	2.49	1,160	0.87	15.88
2016	2.21	1,251	0.95	17.14
2017	3.22	1,272	1.48	16.49
2018	2.96	1,269	1.28	15.71
2019	2.72	1,393	1.16	16.21
2020 (to March 30, 2019)	2.56	1,582	0.97	17.00

Source: www.metalprices.com, now also part of Argus Metals under www.argusmedia.com

1.3 Selected Annual Information

Not required for interim MD&A

1.4 Summary and Discussion of Quarterly Results

All monetary amounts in the table below are expressed in thousands of United States dollars except per share amounts and where otherwise indicated. Minor differences are due to rounding.

Statements of Comprehensive (Income) Loss	Jan 31 2020	Oct 31 2019	Jul 31 2019	Apr 30 2019	Jan 31 2019	Oct 31 2018	Jul 31 2018	Apr 30 2018
	Q1-2020	Q4-2019	Q3-2019	Q2-2019	Q1-2019	Q4-2018	Q3-2018	Q2-2018
Expenses								
Exploration and evaluation	\$ 36	\$ 87	\$ 58	\$ 39	\$ 42	\$ (30)	\$ 54	\$ 72
General and administration	67	43	60	82	47	27	87	99
Loss (income) from operating activities	103	130	118	120	89	(3)	141	171
Other (income) expense items ¹	(40)	(12)	40	(73)	(61)	(103)	(207)	(368)
Loss (income) and comprehensive loss (income)	\$ 63	\$ 118	\$ 158	\$ 47	\$ 28	\$ (106)	\$ (66)	\$ (197)
Basic and diluted loss (income) per common share	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ (0.00)	\$ (0.00)	\$ (0.00)

Note

1. Include foreign exchange differences, finance income, fair value adjustments on financial instruments carried at fair value, rental income and other income.

The Company's is deploying its remaining cash resources carefully in order to keep the project on care and maintenance, while seeking to secure additional financing or a strategic partner(s) to advance the Niblack Project. Exploration and evaluation expenses ("E&E") comprises of ongoing site maintenance and required environmental monitoring activities and liaison with community partners for the Niblack Project. The Company pays annual claim rentals of approximately \$46,000 in Q4 of each year. From Q2 2018 to Q3 2018 E&E was trended downwards. In Q4 2018, the Company recorded a \$146,000 decrease in the provision for rehabilitation obligation with the approval of the 5-year reclamation plan which offset E&E incurred in the quarter. From Q1 2019 to Q1 2020 E&E was variable. General and administration expenses ("G&A") followed a downward trend in 2018 but have fluctuated in line with regulatory compliance requirements and financing activities.

Volatility in the Company's share price and other inputs used in the valuation of the Company's financial instruments contributed significantly towards the overall fluctuation in the Company's comprehensive loss (income) from Q1 2018 to Q3 2019.

1.5 Results of Operations

The following financial data is expressed in United States dollars unless otherwise specified. Minor differences are due to rounding.

1.5.1 Results of Operations for the Three Months Ended January 31, 2020 versus 2019

For the three months, the Company recorded a \$35,000 increase in comprehensive loss to \$63,000 as compared to 2019, as the Company recognized no gains on financial instruments as compared to the prior year. The Company's operating loss increased by \$14,000 to \$103,000, due to the increase in G&A in the quarter.

Exploration and evaluation expenses

E&E decreased by \$6,000 to \$36,000, due primarily to lower environmental and socio-economic costs and property fees incurred in the period.

The following table provides the breakdown of expenses incurred for the Niblack Project:

E&E	Three months	
	2020	2019
Assays and analysis	\$ 149	\$ 299
Depreciation	2,503	3,576
Environmental	4,069	7,644
Equipment rental	–	356
Property fees and assessments	–	3,740
Site activities	21,359	15,319
Socioeconomics	–	2,749
Technical support	787	1,473
Travel and accommodation	7,326	6,735
Total	\$ 36,193	\$ 41,891

General and administration expenses

G&A increased by \$20,000 to \$67,000 due primarily to higher legal, management and administration, and trust and filing costs incurred as corporate activities included normal regulatory compliance requirements and additional work relating to the five (5) for one (1) consolidation of the Company's shares.

The following table provides a breakdown of G&A incurred:

G&A	Three months	
	2020	2019
Consulting	\$ 970	\$ –
Information technology services	4,565	4,491
Insurance prepaid amortization	4,651	4,732
Legal, accounting and audit	6,607	566
Management and administration	29,208	24,857
Office costs	2,056	542
Shareholder communication	818	353
Surety bond insurance premium amortization	7,023	8,812
Trust and filing	10,738	2,289
Total	\$ 66,636	\$ 46,642

Other items

The value of the Company's Canadian Dollar denominated financial liabilities is impacted by the movement in the US Dollar exchange rate. For the three months, the Company recorded a foreign exchange gain of \$17,000 as compared to a loss of \$7,000 in the prior year.

In 2019, the Company recorded a net aggregate gains of \$64,000 as compared to \$nil in the current quarter on the revaluation of financial instruments.

In 2019, additional income of \$21,000 was recognized by the Company pursuant to an exclusivity agreement it signed with a third party.

1.5.2 Financial position as at January 31, 2020 versus October 31, 2019

Total assets decreased by \$20,000 to \$794,000 due primarily to the decrease in amounts receivable and prepaid expenses.

1.6 Liquidity

At January 31, 2020, the Company's cash and equivalents of \$8,000 was on par with the \$8,000 at October 31, 2019. Of the payable to related parties, \$3.1 million relates to a payable to HDSI, a related party (refer [1.9 Transactions with Related Parties](#)). The Company is actively managing its limited cash resources including curtailing activities as necessary in order to meet payments as they come due. However, additional funds are required to fund working capital in the near term and for any significant exploration or development programs at the Niblack Project.

Since the latter part of calendar 2012 when general market conditions deteriorated significantly, share prices of resource companies have been depressed despite stronger commodity prices. Although the Company has been successful in completing private placements in 2017 and 2014, raising loans in 2016 and 2015, and a placement of a convertible debenture in 2013, market conditions still remain extremely challenging for the Company, which has increased the cost of obtaining potential further funding and severely limited the availability of funds. Accordingly, management is actively monitoring the effects of the current economic and financing conditions on the business and reviewing discretionary spending and operating expenditures and implementing cash and cost management strategies.

There can be no certainty that the Company's existing limited cash balances or the proceeds from any potential issuance of its common shares in the future will provide sufficient funds for the Company's cash requirements. The Company is pursuing potential financing options or working to put joint venture partners in place that can be relied on to supply some of the funds required to continue care and maintenance or advance the Niblack Project. There is no assurance that the Company will be successful in obtaining the funds it requires.

Redemption of Convertible Debenture

On December 31, 2016, the Company exercised its option to redeem the Cdn\$3.0 million convertible debenture, which had matured by the issuance of 15,000,000 common shares in the Company using the conversion price of Cdn\$0.20 per common share pursuant to the terms of the convertible debenture. The redemption process is still to be completed as of the date of this MD&A, including the delivery and acceptance of the shares. In November 2019, as a result of the 1:5 share consolidation, the aforementioned issuance is now 3,000,000 common shares.

Other Obligations

The following obligations exist at January 31, 2020:

	Total	Payments due by period		
		Less than 1 year	1 year to 5 years	After 5 years
Trade and other payables	\$ 111,605	\$ 111,605	\$ –	\$ –
Payables to related parties ¹	3,240,135	3,240,135	–	–
Provision for rehabilitation obligation ²	1,268,312	–	–	1,268,312
Total	\$ 4,620,052	\$ 3,351,740	\$ –	\$ 1,268,312

Notes to the table:

- Mainly relates to HDSI, refer to [1.9 Transactions with Related Parties](#).
- The settlement of the obligation will only occur upon closure of the mine site. The Company has given the Alaska regulatory authorities a cash deposit of \$3,900 for a portion of the obligation. The Company has in place a surety bond from an insurance company in favour of the Alaska regulatory authorities for \$1,268,312. The Company has provided cash collateral of \$704,960 pursuant to the terms of the surety bond to the surety provider, which as of January 31, 2020, has increased by \$26,434 as a result of income earned thereon. The Company will be required to fund the difference to the surety provider.

The Company is responsible for all maintenance payments on the Niblack property. Except as noted above, the Company has no other long-term debt, capital lease obligations, operating leases or any other long-term obligation. The Company has no "Purchase Obligations", defined as any agreement to purchase goods or services that is enforceable and legally binding on the Company that specifies all significant terms, including; fixed or minimum quantities to be purchased; fixed, minimum or variable price provisions; and the approximate timing of the transaction.

1.7 Capital Resources

The Company's capital resources consist of its limited cash. To date, the Company's major source of funding has been through the issuance of equity securities and the issue of a convertible debt instrument, primarily through private placements to sophisticated investors and institutions. The Company has also raised funds through secured loans and unsecured convertible loans. The Company's access to further financing is uncertain. There can be no assurances that the Company will be successful in obtaining additional financing.

The Company has no lines of credit or other sources of financing which have been arranged.

1.8 Off-Balance Sheet Arrangements

None.

1.9 Transactions with Related Parties

(a) Key management personnel

The required disclosure for the remuneration of the Company's key management personnel is provided in Note 9 of the notes to the accompanying Interim Financial Statements and which are available under the Company's profile at www.sedar.com.

(b) Hunter Dickinson Inc.

Description of the relationship

Hunter Dickinson Inc. ("HDI") and its wholly owned subsidiary HDSI are private companies established by a group of mining professionals.

The following directors or officers of the Company also have a role within HDSI:

Name	Role within the Company	Role within HDSI
David Copeland	Executive Chairman, CEO and Director	Director
Mark Peters	CFO	CFO
Trevor Thomas	Corporate Secretary	Employee
Robert Dickinson	Director	Chairman and Director
Lena Brommeland	Director	Employee

The business purpose of the related party transactions

HDSI provides under contract, technical, geological, corporate communications, regulatory compliance, and administrative and management services to the Company, on an as-needed and as-requested basis from the Company.

HDSI also incurs third party costs on behalf of the Company. Such third party costs include, for example, directors and officers insurance, travel, costs for conferences, and technology services.

Because of this relationship, the Company has ready access to a range of diverse and specialized expertise on a regular basis, without having to engage or hire full-time experts. The Company benefits from the economies of scale created by HDSI.

The measurement basis used

The Company procures services from HDSI pursuant to an agreement dated July 2, 2010. Services from HDSI are provided on a non-exclusive basis as required and as requested by the Company. The Company is not obligated to acquire any minimum amount of services from HDSI. The fees for services from HDSI are determined based on an agreed upon charge-out rate for each employee performing the service and the time spent by the employee. Such charge-out rates are agreed and set annually in advance.

Third party costs are billed at cost, without markup.

The Company has granted a security interest in all of its assets to HDSI to secure payment of present and future trade payables owing by the Company.

The details of transactions with HDSI and the balance due to HDSI as a result of such transactions is provided in Note 9 of the notes to the accompanying Interim Financial Statements and which are available under the Company's profile at www.sedar.com.

1.10 Fourth Quarter

Not applicable.

1.11 Proposed Transactions

There are no proposed assets or business acquisitions or dispositions, other than those in the ordinary course, before the board of directors for consideration.

1.12 Critical Accounting Estimates

Not required, as the Company is a venture issuer.

1.13 Changes in Accounting Policies including Initial Adoption

The required disclosure is provided in Note 2 in the notes to the accompanying Interim Financial Statements, which are available under the Company's profile on SEDAR at www.sedar.com.

1.14 Financial Instruments and Other Instruments

Please refer to the accompanying Interim Financial Statements.

1.14.1 Financial Risk Management

Overview

The Company has exposure to credit risk, liquidity risk and market risk from its use of financial instruments.

This following presents information about the Company's exposure to each of these risks, the Company's objectives, policies and processes for measuring and managing risk, and the Company's management of capital.

The Board of Directors has overall responsibility for the establishment and oversight of the Company's risk management framework.

Liquidity Risk

Liquidity risk is a very significant risk that the Company will not be able to meet its financial obligations as they fall due. There has been no change in the Company's objectives and policies for managing this risk. The Company's liquidity position has been discussed in [1.6 Liquidity](#).

Foreign Exchange Risk

In the normal course of business, the Company enters into transactions for the purchase of supplies and services denominated in a currency other than the functional currency of the Company. As a result, the Company is subject to foreign exchange risk from fluctuations in foreign exchange rates. The Company manages foreign exchange risk by closely monitoring relevant exchange rates and when possible, executes currency exchange transactions at times when exchange rates are most advantageous for the Company. The Company has not entered into any derivative or other financial instruments to mitigate this foreign exchange risk.

There has been no change in the Company's objectives and policies for managing this risk and there was no significant change to the Company's exposure to foreign exchange risk during the period ended January 31, 2020, except for the changes in the carrying amounts of financial assets and liabilities exposed to foreign exchange risk in the ordinary course.

Price Risk

Market risk arises from the possibility that changes in market prices will affect the value of the financial instruments of the Company. Currently, the Company has no financial instruments subject to changes in their fair value. In the prior year, the Company was exposed to fair value fluctuations on its Canadian Dollar-denominated share purchase warrants, which were classified as derivatives, and on its convertible loans, which were classified as financial liabilities at fair value through profit and loss. In fiscal 2019, the share purchase warrants expired unexercised and the loans were amended such that they are no longer convertible.

There has been no change in the Company's objectives and policies for managing this risk during the period ended January 31, 2020.

1.15 Other MD&A Requirements

Additional information relating to the Company is available on SEDAR under the Company's profile at www.sedar.com.

1.15.1 Additional Disclosure for Venture Issuers without Significant Revenue

(a) *Capitalized or expensed exploration and development costs*

The required disclosure is presented in [1.5.1](#).

(b) *Expensed research and development costs*

Not applicable.

(c) *Deferred development costs*

Not applicable.

(d) *General and administration expenses*

The required disclosure is presented in [1.5.1](#).

(e) Any material costs, whether capitalized, deferred or expensed, not referred to in (a) through (d)
None.

1.15.2 Disclosure of Outstanding Share Data

The following details the share capital structure as of the date of this MD&A:

Common shares issued and outstanding ¹	36,659,377
Share options	nil
Warrants	nil

Note to table:

1. Includes the 3,000,000 shares issued in connection with the redemption of the convertible debenture (refer [1.6 Liquidity](#)).

1.15.3 Internal Controls over Financial Reporting

The Company's management is responsible for establishing and maintaining adequate internal controls over financial reporting. Any system of internal controls over financial reporting, no matter how well designed, has inherent limitations. Therefore, even those systems determined to be effective can provide only reasonable assurance with respect to financial statement preparation and presentation.

1.15.4 Disclosure Controls and Procedures

The Company has disclosure controls and procedures in place to provide reasonable assurance that any information required to be disclosed by the Company under securities legislation is recorded, processed, summarized and reported within the applicable time periods and that required information is gathered and communicated to the Company's management so that decisions can be made about the timely disclosure of that information.

1.15.5 Risk Factors

The risk factors associated with the principal business of Heatherdale are discussed below. Briefly, these include the highly speculative nature of the mining industry characterized by the requirement for large capital investment from an early stage and a very small probability of finding economic mineral deposits. In addition to the general risks of mining, there is the impact of the coronavirus, and country-specific risks associated with operating in a foreign country, including currency, political, social, and legal risk.

Due to the nature of Heatherdale's business and the present stage of exploration and development of the Niblack Project, Heatherdale is subject to very significant risks. Readers should carefully consider all such risks set out in the discussion below. Heatherdale's actual exploration and operating results may be very different from those expected as at the date of this MD&A.

Impact of the Novel Coronavirus ("COVID-19")

The current outbreak of COVID-19, and any future emergence and spread of similar pathogens, could have a material adverse effect on global and local economic and business conditions which may adversely impact our business and results of operations and the operations of contractors and service providers. The outbreak has now spread to the United States and Canada where we conduct our principal business operations. Our plans to advance the development of the Niblack Project are dependent upon our employees and our contractors. Government efforts to curtail the COVID-19 outbreak may result in our personnel being delayed in completing any required work that we are pursuing due to quarantine, self-isolation, social distancing, restrictions on travel, restrictions on meetings and work from home requirements. The extent to which the coronavirus impacts our operations will depend on future developments, which are highly uncertain and cannot be predicted with confidence, including the duration of the outbreak, new information that may emerge concerning the severity of the coronavirus and the actions taken to contain the coronavirus or treat its impact, among others. Moreover, the spread of the coronavirus globally is expected to have a material adverse effect on global and regional economies and to continue to negatively impact stock markets, including the trading price of our shares. These adverse effects on the economy, the stock market and our share price could adversely impact our ability to raise capital, with the result that our ability to pursue development of the Niblack Project could be adversely impacted, both through delays and through increased costs. Any of these developments, and others, could have a material adverse effect on our business and results of operations and could delay our plans for development of the Niblack Project.

Exploration and Mining Risks

Resource exploration, development, and operations are highly speculative, characterized by a number of significant risks, which even a combination of careful evaluation, experience and knowledge may not eliminate, including, among other things, unprofitable efforts resulting not only from the failure to discover mineral deposits but from finding mineral deposits which, though present, are insufficient in quantity and quality to return a profit from production. Few properties that are explored are ultimately developed into producing mines. Unusual or unexpected formations, formation pressures, fires, power outages, labour disruptions, flooding, explosions, cave-ins, landslides, and the inability to obtain suitable or adequate machinery, equipment or labour are other risks involved in the operation of mines and the conduct of exploration programs. Heatherdale will rely on consultants and others for exploration, development, construction and operating expertise. Substantial expenditures are required to establish mineral resources and mineral reserves through drilling, to develop metallurgical processes to extract the metal from mineral resources, and in the case of new properties, to develop the mining and processing facilities and infrastructure at any site chosen for mining.

No assurance can be given that minerals will be discovered in sufficient quantities to justify commercial operations or that funds required for development can be obtained on a timely basis. Whether a mineral deposit will be commercially viable depends on a number of factors, some of which are:

- the particular attributes of the deposit, such as size, grade and proximity to infrastructure;
- metal prices, which are highly cyclical; and
- government regulations, including regulations relating to prices, taxes, royalties, land tenure, land use, importing and exporting of minerals, and environmental protection.

The exact effect of these factors cannot accurately be predicted, but the combination of these factors may result in Heatherdale not receiving an adequate return on invested capital.

Heatherdale will carefully evaluate the political and economic environment in considering any properties for acquisition. There can be no assurance that additional significant restrictions will not be placed on the Niblack

Project and any other properties Heatherdale may acquire. Such restrictions may have a material adverse effect on Heatherdale's business and results of operation.

Future Profits/Losses and Production Revenues/Expenses

Heatherdale has no history of operations and expects that its losses will continue for the foreseeable future. No deposit at the Niblack Project has yet been found and shown to be economic. Heatherdale's entire prospects rest solely with the Niblack Project. There can be no assurance that Heatherdale will be profitable in the future. Heatherdale's operating expenses and capital expenditures may increase in subsequent years as costs for consultants, personnel and equipment associated with advancing exploration, development and commercial production of the Niblack Project are incurred. The amounts and timing of expenditures will depend on:

- the availability of funds (discussed below);
- the progress of ongoing exploration and development;
- the results of consultants' analyses and recommendations;
- the rate at which operating losses are incurred;
- the execution of any joint venture agreements with strategic partners; and
- the acquisition of any additional properties and other factors, many of which are beyond Heatherdale's control.

Heatherdale does not expect to receive revenues from operations in the foreseeable future, if at all. Heatherdale expects to incur losses unless and until such time as the Niblack Project or any other properties Heatherdale may acquire enter into commercial production and generate sufficient revenues to fund its continuing operations. The development of the Niblack Project and any other properties Heatherdale may acquire will require the commitment of substantial resources to conduct the time-consuming exploration and development thereof. There can be no assurance that Heatherdale will generate any revenues or achieve profitability. There can be no assurance that the underlying assumed levels of expenses will prove to be accurate.

Additional Funding Requirements

Funding to continue care and maintenance of the Niblack site or further exploration on, and development of, the Niblack Project, will require additional near term resources/funding. Heatherdale currently does not have sufficient funds to fund any further exploration and development of the Niblack Project. Accordingly, any continuing development of the Niblack Project will depend upon Heatherdale's ability to obtain financing through debt, equity, the joint venturing of the project, or other means. There is no assurance that Heatherdale will be successful in obtaining the required financing for care and maintenance or exploration and/or development purposes, including for general working capital.

Refer to discussion in [1.6 Liquidity](#).

Environmental Matters

All of Heatherdale's mining operations will be subject to environmental regulations, which can make operations expensive or prohibit them altogether.

Heatherdale may be subject to potential risks and liabilities associated with pollution of the environment and the disposal of waste products that could occur as a result of its mineral exploration, development and production.

To the extent Heatherdale is subject to environmental liabilities over and above bonds set up in favour of regulatory bodies, the payment of such liabilities or the costs that it may incur to remedy environmental pollution would reduce funds otherwise available which could have a material adverse effect on Heatherdale. If Heatherdale is unable to fully remedy an environmental problem, it might be required to suspend operations or enter into interim compliance measures pending completion of the required remedy. The potential exposure may be significant and could have a material adverse effect on Heatherdale.

All of Heatherdale's exploration, development and any production activities will be subject to regulation under one or more environmental laws and regulations. Many of the regulations require Heatherdale to obtain permits for its activities. Heatherdale must update and review its permits from time to time, and is subject to environmental impact analyses and public review processes prior to approval of the additional activities. It is possible that future changes in applicable laws, regulations and permits or changes in their enforcement or regulatory interpretation could have a significant impact on some portion of Heatherdale's business, causing those activities to be economically re-evaluated at that time.

Market for Securities and Volatility of Share Price

There can be no assurance that an active trading market in Heatherdale's securities will be established or sustained. The market price for Heatherdale's securities could be subject to wide fluctuations. Factors such as announcements of exploration results, as well as market conditions in the industry, may and currently have had a significant adverse impact on the market price of the securities of Heatherdale. The stock market has from time to time experienced extreme price and volume fluctuations, which have often been unrelated to the operating performance of particular companies.

Conflicts of Interest

Certain of Heatherdale's directors and officers may serve as directors or officers of other companies or companies providing services to Heatherdale (refer [1.9 Transactions with Related Parties](#)) or they may have significant shareholdings in other companies. Situations may arise where these directors and/or officers of Heatherdale may be in competition with Heatherdale. Any conflicts of interest will be subject to and governed by the law applicable to directors' and officers' conflicts of interest. In the event that such a conflict of interest arises at a meeting of Heatherdale's directors, a director who has such a conflict will abstain from voting for or against the approval of such participation or such terms. In accordance with applicable laws, the directors of Heatherdale are required to act honestly, in good faith and in the best interests of Heatherdale.

Payment of Dividends Unlikely

There is no assurance that Heatherdale will pay dividends on its shares in the near future. Heatherdale will likely require any potential funds to further the development of its business.

Lack of Revenues; History of Operating Losses

Heatherdale does not have any operational history or earnings and has incurred net losses and negative cash flow from its operations since incorporation. Although Heatherdale hopes to eventually generate revenues, significant operating losses are to be anticipated for at least the next several years and possibly longer. To the extent that such expenses do not result in the creation of appropriate revenues, Heatherdale's business may be materially adversely affected. It is not possible to forecast how the business of Heatherdale will develop.

General Economic Conditions

Market conditions and unexpected volatility or illiquidity in financial markets may adversely affect the prospects of Heatherdale and the value of its shares. Refer to discussion in [1.6 Liquidity](#).

Reliance on Key Personnel

Heatherdale will be dependent on the continued services of its senior management team, and its ability to retain other key personnel. The loss of such key personnel could have a material adverse effect on Heatherdale. There can be no assurance that any of the Heatherdale's employees will remain with Heatherdale or that, in the future, the employees will not organize competitive businesses or accept employment with companies competitive with Heatherdale. There can be no assurance that Heatherdale will be able to attract, assimilate, or retain qualified personnel in the future, which would adversely affect its business.