

# **HUDSON RESOURCES INC.**

# Management Discussion and Analysis (Form 51-102F1) For the three and nine months ended December 31, 2018



This management's discussion and analysis ("MD&A") of the financial condition and operations of Hudson Resources Inc. ("Hudson" or the "Company") has been prepared by management as of February 28, 2018, and should be read in conjunction with the unaudited condensed consolidated interim financial statements of the Company for the three and nine months ended December 31, 2018 (the "Financial Statements") which have been prepared in accordance with International Financial Reporting Standards ("IFRS").

All amounts presented in this MD&A are in Canadian dollars unless otherwise indicated.

Additional information related to Hudson is available on SEDAR at <a href="www.sedar.com">www.sedar.com</a> and on the Company's website at <a href="www.hudsonresourcesinc.com">www.hudsonresourcesinc.com</a>.

# FORWARD-LOOKING INFORMATION

Statements in this MD&A that are not historical facts are forward-looking statements involving known and unknown risks and uncertainties, which could cause actual results to vary considerably from these statements. Readers are cautioned not to put undue reliance on forward-looking statements and to review the risk factors set out in the cautionary note contained herein.

#### THE COMPANY

As at December 31, 2018, the Company is a development stage mineral company listed on the TSX Venture Exchange, that is engaged in the acquisition, exploration and development of mineral properties in Greenland. As of July 17, 2017, the Company entered the development phase of its White Mountain Project ("Qaqortorsuaq") located on the Naajat anorthosite (calcium feldspar) mineral resource for which the company received an Exploitation License in 2016.

# HIGHLIGHTS

- Completed construction of the White Mountain anorthosite project and commenced commissioning;
- Commenced ramp up of production in February 2019;
- Engaged an international shipbroker to advise and arrange shipments of product, initially from Greenland to Charleston, USA;
- Entered in to a Letter of Intent (LOI) in January with Carver Maritime Charleston, LLC to provide port, storage and transloading services and warehouse facilities in Charleston, South Carolina.
- Instituted key changes to management, appointing James Cambon as President in succession to James Tuer and appointing Kenneth Palko, P.Eng. as Chief Operating Officer;
- Appointed David Frattaroli, a well experienced executive in global industrial minerals markets, to the Board of Directors.

#### **OVERVIEW OF MARKETS**

The White Mountain Project processing plant produces a fine-ground (-250 micron) anorthosite which is being sold under the name 'GreenSpar'. Anorthosite belongs to the feldspar group of minerals which are one of the most abundant in the Earth's crust, however, the Najaat deposit is a calcium alumina silicate considered to be of rare composition and high quality because it has higher calcium and a low sodium content, with only minor iron impurities, which are easily removed in a simple dry magnetic separation process.

The primary market identified for GreenSpar is the production of E-Glass fiberglasss, so named because of its initial use in electrical applications. Extremely fine glass fibers are produced by extruding a molten glass mix through a die. The fibers produced are woven into mats and fabrics for use in fiberglass which is now a major material component for a vast range of products such as wind turbines, boats, swimming pools, silos and tanks, and a whole range of construction products. The value of the E-Glass market in the major economies of Asia, Europe and the USA is forecast to reach US\$17.4 billion by 2024.

Testing of GreenSpar samples from White Mountain has been undertaken by eight of the top E-Glass producers with positive results. Several have confirmed that GreenSpar produced a superior glass melt for extrusion when compared to the currently used kaolin clay, with energy consumption and CO2 reduced by 10-15%, reduced melt times and increased output, all critical factors in the economics of production.

# **Supply contract**

In July, 2014, Hudson reported that a successful trial of its GreenSpar had been undertaken in an E-Glass production furnace operated by a major international producer of E-Glass. On July 30, 2015, the Company announced the signing of a 10-year purchase agreement with that E-Glass producer, which contains significant, although not guaranteed, annual purchases to be used in a number of production furnaces in various countries, following approval of a first delivery from the White Mountain processing plant. The Company has advanced discussions with at least two other major producers who are expressing strong interest in purchases from Greenland, following an initial 6-month exclusivity period that starts upon approval of the first delivery to the first customer. Strong interest has also been expressed from producers in China where production facilities are very large and frequently very modern.

# Competition

The most commonly used raw material in the production of E-Glass for aluminum content is the clay mineral Kaolin. GreenSpar has garnered significant global interest as a replacement for Kaolin because of its superior preformance economics and also because in many areas the supply of Kaolin is becoming less reliable, either through quality issues or political uncertainty in some cases. Both GreenSpar and Kaolin are relatively low value bulk materials where the costs of transportation by ship, rail or road, or often by a combination of these, can be very significant and therefore the logistics of available distribution routes is a primary factor in commercial success. As the White Mountain project is on tidewater with a deep water port, it has a significant logistical advantage over other landlocked projects.

The United States Geological Survey ("USGS") stated in its 2017 review of clay minerals production that the major producing countries of Kaolin are: USA, Germany, Brazil, Turkey and Ukraine. Although Kaolin is mined in eight states, 90% of the US output is in Georgia with a further 6% in South Carolina, with only 6% of the combined total being used in fiberglass and mineral wool (insulation) production. Major purchasers are Japan, Mexico and China.

The industrial mineral supply industry has many small or regional companies; however, the dominant positions are held by two European multinationals - Imerys S.A. a French company with operations in 50 countries and Sibelco a Belgian company with operations in 40 countries.



#### **Additional Markets**

The Company believes that it will be in a competitive position based on the quality of GreenSpar to penetrate the market for fillers (extenders) that are widely used in the production of paints, coatings and polymers. GreenSpar does not contain any free silica which is a very important health and safety issue. These are markets with higher unit value products, and is projected to grow from US\$160 billion in 2017 to US\$209 billion by 2022. (Source: <a href="https://home.kpmg.com/xx/en/home/insights/2018/03/industry-update-2018.html">https://home.kpmg.com/xx/en/home/insights/2018/03/industry-update-2018.html</a>).

In September 2016, Hudson announced the results of a market prospects study by Industrial Mineral Management Consultants in Ontario which took the GreenSpar product and ran a suite of technical tests after grinding it to a very fine minus 45 and minus 15 micron particle size (a micron is a millionth of a millimeter). GreenSpar45 and GreenSpar15, as those products are referred to, proved to have excellent technical properties that would make them attractive for the paints and coatings markets. More recently in August, 2018, the Company announced that it has received very favourable test results when using GreenSpar in paint and clear coating formulations. The independent testwork was completed by Marschall Labs Inc, of Clearwater, Florida.

The paints and coatings market is sizeable, and the Company has established that there is a strong interest by major producers in the paint and coatings industry; however, in order to supply these potential new markets an investment in a fine grinding ("micronizing") plant will be required. The capital for such a facility would be in the range of \$5-6M.

For longer term consideration, two possibilities for new markets for the anorthosite have been identified: (1) as a new source for the production of Alumina that could be an environmentally friendly alternative to the major bauxite route used today that generates red mud wastes that have significant disposal issues. Development of the Alumina potential would represent a scale of investment that is orders of magnitude higher than the White Mountain operation, and; (2) research by the University of British Columbia's Ceramics and Refractories Research and Testing Laboratories has established that a carbon dioxide (CO2) free white cement can be manufactured from the anorthosite. Hudson is working to identify the appropriate partner to advance this opportunity.

# WHITE MOUNTAIN PROJECT

The Company announced on November 26, 2018 that it had completed the construction of the Project and had initiated commissioning activities. On February 4, 2019, the Company announced that it had completed the testing of all major equipment components under load and the production of GreenSpar (anorthosite) product had commenced. All equipment on site has been performing as expected with the exception of the secondary High-Pressure Grinding Rolls (HPGR) crusher, which was performing at 55% capacity due to inadequate drives being assessed and delivered by the manufacturer for this HPGR. The Company is working with the vendor to rectify this issue and the vendor has agreed to cover all costs related to delivery and installation of the correct motors for the crusher. The delivery of the replacement parts has been delayed further due to an incident where the crate containing the parts was damaged by the freight company en-route to site and as a consequence, final replacement drive parts are now expected in early April. This situation has contributed to an overall delay of approximately twelve weeks for the first shipment, and consequently has caused the Company to reassess its requirements for working capital to support the first commercial shipments.

Mining at the White Mountain site consists of a simple drill and blast operation in an open pit where there is no overburden that needs to be removed prior to extraction. The blasted rock is transported in 40 and 45 tonne haul trucks 10.5 km to the process plant area where it is stockpiled. From there it is fed into a mobile jaw crusher followed by a mobile cone crusher which reduces the material to minus 35mm for feeding in to the process plant. The haul road was constructed from crushed rock excavated along the route as development progressed. The haul trucks are operating downhill when loaded, which represents a considerable fuel saving that, together with the absence of overburden on the mineral resource, means a very cost-effective open pit mining operation.

Hudson's workforce, including sub contractors, fluctuated between 30 and 45 personnel over the course of construction, reducing to a workforce of between 18 and 24 now on site for commissioning and project ramp up.

The Company's revised plan anticipates shipping finished product to the US east Coast in Q2 of calendar 2019. In keeping with this schedule, the Company continues to work with the Greenland government to encourage local employment and ensure all operating conditions under the mining licence and the Impact Benefits Agreement (IBA) are met.

#### Mineral resource

The Company filed an Amended and Restated Technical Report dated December 15, 2015, that disclosed the Najaat license area resources are an Indicated Resource of 27.4 million tonnes and an Inferred Resource of 32.7 million tonnes. At the Company's anticipated rate of extraction, which includes a second phase expansion of the White Mountain processing plant, these resources are considerably more than sufficient for the 50 years provided under under the Najaat Exploitation License. The Company has not published a feasibility study for this development that might have enabled a reclassification to a reserve through demonstrated economic viability. The markets in which the GreenSpar product is being sold are highly competitive and a full feasibility study would have required the disclosure of sales and cost data that would have been prejudicial to the Company's competitive position. The Amended and Restated Technical Report is available on the SEDAR website.

# **Project costs**

The following is a summary of total costs incurred on the Project as of December 31, 2018. In an effort to summarize the full cost of the Project, the table includes Pre-development costs, which have been expensed and Development costs which have been capitalized as of July 17, 2017:

-		Pre-develo	pment costs	Developr			
			Costs transferred			Cost incurred	
		Cost incurred	from Equipment		Cost incurred	from	Cumulative costs
	<b>Cumulative costs</b>	from	and exploration		from	April 1, 2018 to	incucrred as of
	incucrred as of	April 1, 2017 to	and evaluation	Total costs	July 18, 2017 to	December 31,	December 31
	March 31, 2017	July 17, 2017	assets	incurred	March 31, 2018	2018	2018
Acquisition costs / license fee	\$ -	\$ -	\$ 224,843	\$ 224,843	\$ -	\$ -	\$ 224,843
Administrative	-	-	-	-	886,749	972,648	1,859,397
Assay and analysis	1,105,233	5,484	-	1,110,717	5,866	12,952	1,129,535
Borrowing costs	-	-	-	-	1,605,094	2,930,530	4,535,624
Buildings	-	-	3,045,606	3,045,606	2,446,369	6,339,527	11,831,502
Camp and portable shelters	344,839	-	-	344,839	1,207,375	650,081	2,202,295
Consulting	2,220,562	164,339	-	2,384,901	136,474	109,289	2,630,664
Depreciation	-	-	-	-	1,892,590	2,838,674	4,731,264
Drilling	582,612	111,204	-	693,816	101,278	-	795,094
Engineering	-	608,719	-	608,719	251,756	111,604	972,079
Explosives	-	68,415	-	68,415	7,565	122,407	198,387
Fuel	40,382	162,385	-	202,767	164,931	740,960	1,108,658
Geophysical data	53,272	-	-	53,272	-	-	53,272
Haul road	-	-	-	-	-	1,202,767	1,202,767
Helicopter	1,689,703	42,738	-	1,732,441	17,701	-	1,750,142
Land improvements	-	-	1,439,535	1,439,535	501,848	-	1,941,383
Legal	71,291	-	-	71,291	-	-	71,291
Parts and spares	524,930	526,868	-	1,051,798	161,429	110,859	1,324,086
Project management	-	1,028,173	-	1,028,173	378,900	919,462	2,326,535
Reclamation	1,541,533	-	-	1,541,533	-	-	1,541,533
Shipping	634,985	623,066	-	1,258,051	2,485,353	747,077	4,490,481
Supplies	449,071	769,277	-	1,218,348	548,448	374,497	2,141,293
Travel	506,671	300,040	-	806,711	592,796	948,540	2,348,047
Wages and benefits	95,374	-	-	95,374	-	-	95,374
Total	\$ 9,860,458	\$ 4,410,708	\$ 4,709,984	\$ 18,981,150	\$ 13,392,522	\$ 19,131,874	\$ 51,505,546

As of July 17, 2017, the Company had transitioned to the development stage for the Naajat mineral claim; as a result of the transition, all expenditures going forward were capitalized as development assets. On November 26, 2018, the Company announced that it had completed construction of its White Mountain Project and

commenced commissioning at the site. The Company announced in February 2019 that it has commenced production at the site.

The Company also holds a 100% interest in the Sarfartoq Rare Earth Project. Further development of the Sarfartoq Project is dependent upon the improvement in world market prices for rare earths. In December 2015, the Greenland government granted the Company a 2-year exploration commitment holiday. In December 2017, the Greenland government extended the exploration commitment holiday for an additional year. As a result, the Company will be able to carry accrued work commitments in to 2019.

#### **RESOURCE PROPERTIES**

# Naajat (White Mountain) Mineral Claim (2015/39), Greenland

In September 2015, exploration license 2015/39 was converted to an exploitation license, and a fee of 100,000 DDK was paid. Previously, the Company was required to maintain certain work commitments to retain the exploration license. Hudson now has certain non-monetary commitments, including but not limited to employing Greenlandic personnel, based on establishing a mining operation as per the exploitation agreement in order to maintain the license.

#### Sarfartoq Mineral Claim (2010/40), Greenland

The Company must submit an annual report by April 1 of each year detailing its activities and expenditures for approval. In 2018, the Company's license was renewed to December 31, 2020. In December 2015, the Greenland government granted the Company a 2-year exploration commitment holiday. In December 2017, the Greenland government extended the exploration commitment holiday for an additional year. As a result, the Company will be able to carry accrued work commitments into 2019.

#### Pingasut Mineral Claim (2013/01), Greenland

The Company had to submit an annual report by April 1 of each year detailing its activities and expenditures for approval. This license was granted on August 9, 2013. Total work commitment for calendar 2017 was 1,512,180 DKK (approximately \$300,000), and Hudson has accrued sufficient credits (2,475,727 DKK) from previous expenditures to carry the license beyond December 31, 2017, with credits available until December 31, 2018. Management had assessed that this resource did not have strategic value with which to supplement its White Mountain Project and allowed this license to expire on December 31, 2018, without renewal. All costs associated with this license have been expensed to exploration and evaluation costs in prior periods.

#### **RESULTS FROM OPERATIONS**

#### **Selected Information**

	For the nine months ended										
	Dece	ember 31, 2018	Dec	cember 31, 2017	December 31, 2016						
Interest income	\$	60,199	\$	17,399	\$	6,083					
Net loss		(3,947,501)		5,938,929		(2,663,845)					
Basic and diluted loss per share	\$	(0.02)	\$	(0.04)	\$	(0.03)					

As at:	Dece	ember 31, 2018	March 31, 2018	March 31, 2017			
Balance Sheet Data							
Cash and cash equivalents	\$	2,101,342	\$ 2,296,303	\$	6,382,573		
Restricted cash		4,119,526	5,337,736		-		
Equipment		14,053,704	12,201,223		4,276,396		
Reclamation bonds		2,093,040	2,129,850		-		
Resource properties		769,682	769,682		988,351		
Development assets		37,336,914	19,241,194		-		
Total assets	\$	60,622,547	\$ 43,290,184	\$	17,798,894		

Nine months ended December 31, 2018 ("YTD 2019") compared with nine months ended December 31, 2017 ("YTD 2018")

The Company incurred a net loss of \$3,947,501 for YTD 2019 compared with a net loss of \$5,938,929 for YTD 2018.

Evaluation and exploration costs decreased by \$4,710,010 to \$27,835 for YTD 2019 from \$4,761,440 for YTD 2018. The decrease is the direct result of the decrease in pre-development activities on the Project in YTD 2019 compared to YTD 2018. Pre-development activities on the Project were incurred up to date of transition to the development phase on July 17, 2017. Costs incurred on the Project since were capitalized as development assets.

Depreciation expenses decreased to \$4,953 for YTD 2019 from \$396,987 for YTD 2018. The depreciation charged for equipment used for the Project was capitalized as development assets during YTD 2019.

Personnel costs were \$560,497 for YTD 2019 compared to \$522,500 for YTD 2018. The increase is the direct result of a greater number of head office staff hired in the current period with increased project and company activities. The impact of the increase was offset by bonuses paid to the Company's management in the prior period. No such bonuses were paid to management during YTD 2019.

Professional fees decreased by \$125,673 to \$285,723 in the current year from \$411,396 in the prior year due to additional fees spent last year relating to debt financing efforts, as well as using an outsourced firm to provide accounting and CFO related services.

Foreign exchange loss increased by \$2,338,221 to \$1,799,708 for YTD 2019, from a foreign exchange gain of \$538,513 for YTD 2018 mainly due to the fluctuations in the exchange rates amongst the Canadian dollar, United States dollar, Danish Krone and Euro. Much of the loss in the YTD 2019 was the result of the strength in the US Dollar and Canadian Dollar against the Danish Krone, the functional currency of the Company's subsidiary, during this period as development activities increased substantially year over year. Since the Cordiant loans are denominated in USD, the weaker Danish Krone resulted in a large unrealized foreign exchange loss upon revaluation of the USD Cordiant loans with an impact of over \$1.7M.

Share-based payments were \$875,914 for YTD 2019 compared to \$22,148 for YTD 2019. This increase in share-based payments resulted from the options granted during Q1 2019.

Total office related expenses, including rent, have remained consistent and did not significantly fluctuate year over year.

Travel and accommodation expenses increased to \$85,299 from \$12,407 with increased corporate and development activities of the Project.

The Company recorded \$60,199 in interest income in YTD 2019 compared to \$17,399 in YTD 2018 as a result of higher cash balance on hand during the current period after the equity financing completed in Q1 2019.

Other expenditures have not materially fluctuated from YTD 2018 to YTD 2019.

#### **SUMMARY OF QUARTERLY RESULTS**

	Three months ended										
	Dece	mber 31, 2018	Sep	otember 30, 2018		June 30, 2018		March 31, 2018			
Interest income	\$	17,822	\$	42,377	\$	-	\$	8			
Net loss		(929,216)		(728,867)		(2,289,418)		364,065			
Basic and diluted loss per share	\$	(0.01)	\$	(0.00)	\$	(0.02)	\$	-			

		Three months ended										
	Decer	mber 31, 2017	Sept	ember 30, 2017		June 30, 2017		March 31, 2017				
Interest income	\$	254	\$	1,411	\$	15,734	\$	5,126				
Net loss		(137,993)		(2,386,746)		(3,414,190)		(2,981,666)				
Basic and diluted loss per share	\$	-	\$	(0.02)	\$	(0.02)	\$	(0.03)				

The Company's net losses historically are mainly due to pre-development costs, share-based payments, foreign exchange fluctuations, and general and administrative costs that vary from quarter to quarter based on planned pre-development activities and resource constraints. The net loss increased during the quarter ended March 31, 2017 was mainly due to the recognition of the reclamation obligation of the resource properties. The net loss increased during the quarter ended December 31, 2017 mainly due to the increase in exploration and evaluation costs. During the quarter ended December 31, 2017, the Company entered the development phase of its Naajat (White Mountain) Mineral Claim; as a result of the transition, the costs incurred on the Naajat (White Mountain) Mineral Claim upon entering the development phase were capitalized as development asset instead of expense as exploration and evaluation costs. The change in accounting policy for the costs incurred on Naajat (White Mountain) Mineral Claim began to decrease the net loss (upon transition to the development phase on July 17, 2017) during the quarter ended December 31, 2017 and significantly decreased during the quarter ended March 31, 2018 and December 31, 2018. The net income in the quarter ended March 31, 2018 was primarily the result of a foreign exchange gain recognized due to the weakness of the Canadian Dollar against the Danish Krone. The net loss in the quarter ended December 31, 2018 was the combination of a large foreign exchange loss associated with the re-strengthening of the Canadian Dollar and US Dollar against the Danish Krone and the share-based payments recognized during the period. The Company prepared the financial statements for the periods indicated above in accordance with International Financial Reporting Standards ("IFRS").

# Three months ended December 31, 2018 ("Q3 2019") compared with three months ended December 31, 2017 ("Q3 2018")

The Company incurred a net loss of \$929,216 for Q3 2019 and a net loss of \$137,993 for Q3 2018.

Evaluation and exploration costs was \$29,021 for Q3 2019 compared to \$1,136 for Q3 2018. The Company did not incur significant evaluation and exploration costs in the current period as the Company focussed on completing construction at the site. Pre-development activities on the Project were incurred up to date of transition to the development phase on July 17, 2017, and costs incurred on the Project since then were capitalized as development assets.

Depreciation expense was \$1,637 for Q3 2019 compared to \$404 for Q3 2018 and relate to office equipment. The depreciation charged for equipment used for the Project was capitalized as development assets since Q2 of 2019.



Personnel costs increased by \$61,717 to \$142,967 for Q3 2019 from the comparable period. The increase is the direct result of hiring additional in-house staff associated with increased activities in the current year.

Professional fees decreased by \$68,226 to \$102,740 in the current quarter from \$171,666 in Q3 2018 due to additional fees spent last year relating to debt financing efforts, as well as using an outsourced firm to provide accounting and CFO related services.

Foreign exchange loss increased by \$751,383 to \$484,548 for Q3 2019, from a \$266,835 gain for Q3 2018 mainly due to the fluctuations in the exchange rates amongst the Canadian dollar, United States dollar, Danish Krone and Euro. Much of the loss in the current quarter was the result of the strength in the US Dollar against the Canadian dollar and Danish Krone, the functional currency of the Company's subsidiary. Since the Cordiant loans are denominated in USD, the weaker Danish Krone resulted in a large unrealized foreign exchange loss upon revaluation of the USD Cordiant loans.

Share-based payments were \$68,2265 for Q3 2019 compared to \$4,359 for Q3 2018. This increase in share-based payments was associated with the options granted during Q1 2019.

Total office related expenses, including rent, have remained consistent and did not significantly fluctuate year over year.

Travel and accommodation expenses increased slightly to \$14,387 from \$8,287 with increased corporate and development activities of the Project.

The Company recorded \$17,822 in interest income in Q3 2019 compared to \$254 in Q3 2018 as a result of higher cash balance on hand during the current period after the equity financing completed in Q1 2019.

Other expenditures have not materially fluctuated from Q3 2018 to Q3 2019.

# **GOING CONCERN**

The Company's unaudited condensed consolidated interim financial statements for the period ending December 31, 2018, have been prepared in accordance with IFRS applicable to a going concern, which contemplates the realization of assets and settlement of liabilities in the normal course of business as they come due.

As at December 31, 2018, the Company had a negative working capital of \$1.2 million, after adjusting for a deduction of \$4.1 million of cash in current assets that is held in restricted accounts. Total cash outflow in operating and investing activities for the current nine month period were \$0.3 million and \$14.0 million respectively; net cash inflow from financing activities was \$15.2 million.

As at December 31, 2018, the Company had a deficit of \$65.2 million, with the cumulative losses being attributable to the very long lead times required to identify and secure potential minerals resources of commercial value, to obtain all necessary permits and licenses required for development of a deposit and the complexity of construction. in a remote location, of the processing plant and shipping facilities. The Company is in negotiations with its lender in respect of the conditions under which the restricted cash funds might be released, and is also pursuing discussions with other potential lenders seeking to establish an operating line of credit to address working capital needs as the Company commences commercial sales and shipments. These steps are subject to material uncertainties and the Company expects to incur further losses in the development of its business, all of which may cast significant doubt about the Company's ability to continue as a going concern. The Company's ability to continue as a going concern is dependent upon its ability to generate future cash flow from its operations and/or obtain additional financing.

These consolidated financial statements do not give effect to adjustments that would be necessary to the carrying values and classification of assets and liabilities should the Company be unable to continue as a going concern. Realizable values may be substantially different from carrying values as shown.

As of the date of this MD&A, the Company continues to be in a working capital deficiency position and holds cash of approximately \$1.9 million. Included within this balance in restricted accounts is \$1.8 million as debt service ratio cover as part of the conditions of the Loan.

The amount of the Company's administrative expenditures is related to the level of financing and development activities that are being conducted, which in turn may depend on the Company's ability to successfully commence commercial sales on a timely basis, and on general market conditions relating to the availability of funding for exploration, development, and early production stage resource companies. The Company does not acquire properties or conduct exploration work on them on a pre-determined basis and, as a result, there may not be predictable or observable trends in the Company's business activities and comparisons of financial operating results with prior years may not be meaningful.

#### LIQUIDITY AND CAPITAL RESOURCES

As noted previously, the Company continues to be in a working capital deficiency position. The Company has no material income from operations and any improvement in working capital results will primarily be from the issuance of share capital and long-term debt until the Company is in commercial production.

The continued development of the Company's properties over the next 12 months will depend on the Company's ability to bring the project into commercial production and obtain additional financing. The Company has limited financial resources and there is no assurance that additional funding will be available to allow the Company to fulfill its obligations on the other existing exploration properties beyond the anorthosite development project. Failure to obtain additional financing could result in delay or indefinite postponement of the completion of the Project and further exploration and the possible, partial or total loss of the Company's interest in the Greenland exploration licenses overseen by the Government of Greenland, Mineral Licence and Safety Authority ("MLSA"). The Company may, in the future, be unable to meet its obligations under such agreements to which it is a party and consequently, the Company's interest in the properties subject to such agreements could be jeopardized.

The Company is dependent on raising funds by the issuance of shares or disposing of interests in its mineral properties (by options, joint ventures or outright sales) or by obtaining debt financing in order to bring the project into commercial production, finance further acquisitions, undertake exploration and development of mineral properties and meet general and administrative expenses in the immediate and long term. There can be no assurance that the Company will be successful in raising the required financing.

The Company's future financial performance is dependent on many external factors. The Company expects that any revenues it may earn from its operations in the future will be from the sale of minerals. Both prices and markets for metals and minerals are cyclical, difficult to predict, volatile, subject to government price fixing and controls and affected by changes in domestic and international, political, social and economic environments. In addition, the availability and cost of funds for exploration, development and production costs are difficult to predict. These changes in events could materially affect the financial performance of the Company.

The Company invests its cash balances in interest bearing accounts with Canadian banks.

# **OUTSTANDING SHARE DATA**

For the nine months ended and as at December 31, 2018 and as at the date of this MD&A, the Company had 177,992,705 common shares issued and outstanding.

The Company completed a non-brokered private placement of 41,082,832 units at a price of \$0.45 for gross proceeds of \$18,487,274 in Q1 2019. Each Unit consists of one common share of the Company and one-half of one warrant. Each whole warrant entitles the holder to purchase one common share of the Company at a price of \$0.75 for a period of three years following the date of issuance, subject to acceleration in the event

that the common shares of the Company trade above a weighted average of \$1.50 for twenty consecutive days.

- The Company granted 5,230,000 options with an exercise price of \$0.47 to its officers, directors, employees and consultants. The options are exercisable for a period of five years. One third of the options vested on the date of grant and another third will vest on each of the first and second anniversary of the date of grant.
- The Company received gross proceeds of \$47,400 for exercise of 130,000 options.
- 4,400,800 warrants expired and 350,000 stock options were cancelled.
- Subsequent to December 31, 2019, the Company granted 1,610,000 options to its officers, directors, and employees with an exercise price of \$0.45. The options are exercisable for a period of five years, with one-third vesting on the date of grant and one-third vesting on each of the first and second anniversary of the date of grant.
- 43,149,659 share purchase warrants outstanding, each of which is exercisable for one common share at prices ranging from \$0.50 to \$0.75; and
- There were 11,890,000 and 13,500,000 stock options outstanding as at December 31, 2018 and as of the
  date of this MD&A respectively, each of which is exercisable for one common share at prices ranging from
  \$0.34 to \$0.65.

#### **RELATED PARTY TRANSACTIONS**

For the nine month periods ended December 31, 2018 and 2017 respectively, the Company incurred the following expenses for directors and officers of the Company:

			For the nine r	nonth	ns ended
		Decer	nber 31, 2018	Dec	ember 31, 2017
Short-term employee benefits - personnel costs	(1)	\$	616,750	\$	838,750
Short-term employee benefits - professional fees	(2)		76,843		130,000
Short-term employee benefits - directors' fees			90,000		50,000
Share-based payments			875,814		-
		\$	1,659,407	\$	1,018,750

- (1) During the nine months ended December 31, 2018, the Company incurred \$616,750 of salaries and wages of which \$376,750 and \$240,000 were recognized as personnel costs and development assets, respectively.
  - During the nine months ended December 31, 2017, the Company incurred \$1,000,000 of salaries and wages of which \$502,500, \$364,167 and \$133,333 were recognized as personnel costs, project management in exploration and evaluation costs and development assets, respectively.
- (2) The Company incurred \$76,843 during the nine months ended December 31, 2018 (December 31, 2017 \$194,480) for accounting and corporate secretarial services to Quantum Advisory Partners LLP whose incorporated partner was the Company's former Chief Financial Officer.

These transactions were measured by the exchange amount, which is the amount agreed upon by the transacting parties. The balance due to related parties included in accounts payable and accrued liabilities was \$10,000 as at December 31, 2018 (March 31, 2018 – \$139,207). These amounts are unsecured and non-interest bearing.

#### **COMMITMENTS**

						2023 and
	Total	2019	2020	2021	2022	thereafter
Operating leases	\$ 157,170	\$ 12,090	\$ 48,360	\$ 48,360	\$ 48,360	\$ -
Capital leases	946,509	214,885	214,885	214,885	301,854	-
Loans <sup>(1)</sup>	44,921,530	3,739,418	9,766,773	8,995,714	8,234,283	14,185,342
	\$ 46,025,208	\$ 3,966,393	\$ 10,030,017	\$ 9,258,959	\$ 8,584,497	\$ 14,185,342

<sup>(1)</sup> Represents the undiscounted cash flow.

During the current priod, the Company had two exploration licenses in Greenland, the Sarfartoq EL (2010/40), which was recently renewed until December 31, 2020, and the Pingasut EL (2013/01) and one exploitation license, the Naajat EL (2015/39). In 2014, Hudson was granted license renewals on the Naajat and Sarfartoq EL's. Prior to that, in 2012, Hudson was granted two license renewals.

The Sarfartoq EL was amended to include portions of the Nalussivik, Sarfartuup Qulaa, Sarfartoq Valley and Arnanganeq exploration licenses as well as annex portions of the Sarfartoq EL and add additional ground that extends the license area to the fjord. The total area was reduced from 1,351 sq. km. to approximately 687 sq. km. As a result of the application, the five previous licenses were incorporated into one new Sarfartoq EL that is focused on the rare-earth project. In 2013, the license area was further reduced to 92 sq. km. This reduced the exploration burden on the area while still maintaining 100% interest in the Sarfartoq Carbonatite Complex.

The Naajat EL was renewed in 2013 for its industrial mineral potential for exploration years 11 and 12 and the license area was reduced from 190 sq. km. to approximately 96 sq. km. The Naajat EL includes the White Mountain Anorthosite Project ("White Mountain"). In 2014, Hudson began the process of converting the Naajat exploration license into an exploitation license. This was completed in September 2015.

The Pingusat EL license expired on December 31, 2018 and was not renewed for strategic purposes.

#### **FINANCIAL INSTRUMENTS**

In the normal course of business, the Company is inherently exposed to certain financial risks, including market risk, credit risk and liquidity risk, through the use of financial instruments. The timeframe and manner in which the Company manages these risks varies based upon management's assessment of the risk and available alternatives for mitigating risk. The Company does not acquire or issue derivative financial instruments for trading or speculative purposes. All transactions undertaken are to support the Company's operations. These financial risks and the Company's exposure to these risks are provided in note 18 of our unaudited condensed consolidated interim financial statements for the nine months ended December 31, 2018. For a discussion on the significant assumptions made in determining the fair value of financial instruments, refer also to note 2 of the audited consolidated financial statements for the year ended March 31, 2018.

#### **OFF-BALANCE SHEET ARRANGEMENTS**

The Company does not currently have any off-balance sheet arrangements.

#### **RISKS AND UNCERTAINTIES**

The Company is subject to a number of risk factors due to the nature of its business and the present stage of development. The following risk factors should be considered:

#### General

The Company is a development stage mineral company listed on the TSX Venture Exchange and engaged in the acquisition, exploration and development of mineral properties. The recoverability of the amounts shown for



resource assets is dependent upon the ability of the Company to obtain the necessary financing to complete the exploration and development of its properties, and upon future profitable production or proceeds from the disposition of the properties. The Company's ability to continue its operations is dependent on its ability to secure additional financing, and while it has been successful in doing so in the past, there can be no assurance it will be able to do so in the future. In order to continue developing its mineral properties, management is actively pursuing such additional sources of financing; however, in the event this does not occur, there is doubt about the ability of the Company to continue as a going concern. The Financial Statements and discussion and analysis of the financial condition, changes in financial condition and results of operations of the Company for the nine months ended December 31, 2018 do not include the adjustments that would be necessary should the Company be unable to continue as a going concern.

The amount of the Company's administrative expenditures is related to the level of financing and predevelopment activities that are being conducted, which in turn may depend on the Company's recent experience and prospects, as well as the general market conditions relating to the availability of funding for development-stage resource companies. Consequently, the Company does not acquire properties or conduct work programs on them on a pre-determined basis and as a result there may not be predictable or observable trends in the Company's business activities and comparisons of financial operating results with prior years may not be meaningful.

#### **Trends**

The Company's financial success is dependent upon the discovery of properties which could be economically viable to develop. Such development could take years to complete and the resulting income, if any, is difficult to determine. The sales value of any mineralization discovered by the Company is largely dependent upon factors beyond the Company's control, such as the market value of the products produced. Other than as disclosed herein, the Company is not aware of any trends, uncertainties, demands, commitments or events which are reasonably likely to have a material effect on the Company's sales or revenues, income from continuing operations, profitability, liquidity or capital resources, or that would cause reported financial information not necessarily to be indicative of future operating results or financial condition.

# **Competitive Conditions**

The resource industry is intensively competitive in all of its phases. The Company competes with other mining companies for the acquisition of mineral claims and other mining interests as well as for the recruitment and retention of qualified employees and contractors and for mining equipment. There is significant and increasing competition for a limited number of rare earth and other resource acquisition opportunities and as a result, the Company may be unable to acquire suitable producing properties or prospects for exploration in the future on terms it considers acceptable. The Company competes with many other companies, the majority of which have substantially greater financial resources than the Company.

# **Environmental Factors and Protection Requirements**

The Company currently conducts exploration and development activities in Greenland. All phases of the Company's operations are subject to environmental regulation in the jurisdictions in which it operates. Environmental legislation is evolving in a manner which requires stricter standards and enforcement, increased fines and penalties for non-compliance, more stringent environmental assessments of proposed projects and a heightened degree of responsibility for companies and their officers, directors and employees. There is no assurance that future changes in environmental regulation, if any, will not adversely affect the Company's operations. There are no assurances that regulatory and environmental approvals will be obtained on a timely basis or at all. The cost of compliance with changes in governmental regulations has the potential to reduce the profitability of operations or to preclude entirely the economic development of a property. Environmental hazards may exist on the properties which are unknown to the Company at present which have been caused by previous or existing owners or operators of the properties. The Company is currently engaged in exploration with limited environmental impact.

# **Mineral Exploration and Development**

The Company's properties are in the exploration stage (Sarfartoq Mineral Claim and Pingasut Mineral Claim) and development stage (Naajat (White Mountain) Mineral Claim). Development of the Company's properties will only proceed upon obtaining satisfactory exploration results and the subsequent analysis of the technical and financial feasibility of developing such properties. Mineral exploration and development involve a high degree of risk and few properties which are explored are ultimately developed into producing mines. There is no assurance that mineral exploration and development activities will result in the discovery of a body of commercial rare earths or industrial minerals on any of the Company's properties. Several years may pass between the discovery of a deposit and its exploitation. Most exploration projects do not result in the discovery of commercially mineralized deposits.

# **Operating Hazards and Risks**

Mineral exploration and development involves many risks, which even a combination of experience, knowledge and careful evaluation may not be able to overcome. The operations in which the Company has a direct or indirect interest will be subject to all the hazards and risks normally incidental to exploration, development and production of resources, any of which could result in work stoppages and damage to persons or property or the environment and possible legal liability for any and all damage. Fires, power outages, labour disruptions, flooding, explosions, cave-ins, landslides and the inability to obtain suitable or adequate machinery, equipment or labour are some of the risks involved in the operation of mines and the conduct of exploration programs. Although the Company will, when appropriate, secure liability insurance in an amount which it considers adequate, the nature of these risks is such that liabilities might exceed policy limits, the liability and hazards might not be insurable, or the Company might elect not to insure itself against such liabilities due to high premium costs or other reasons, in which event the Company could incur significant costs that could have a material adverse effect upon its financial condition.

#### Shipping and port terminal

Distribution of the Company's products from Greenland will be by ocean-going bulk carriers that will be secured through a spot-market charter. There can be no guarantee that appropriately sized and equipped vessels will be available to meet the Company's timing requirements or that such vessels can be chartered at a cost in line with the Company's original shipping market assessment. The use of such vessels requires appropriate receiving port terminals capable of handling the GreenSpar product and transloading it into another modal form of delivery, that is road or rail. The Company does not own such facilities and there can be no guarantee that they will be available when required or at an economic rate to secure.

#### **Economics of Developing Mineral Properties**

Substantial expenditures are required to establish reserves through drilling, to develop processes to commercially extract the respective ores/ commodities contained therein and to develop the mining and processing facilities and infrastructure at any site chosen for mining. Although substantial benefits may be derived from the discovery of a major mineralized deposit, no assurance can be given that minerals will be discovered in sufficient quantities to justify commercial operations or that the funds required for development can be obtained on a timely basis. The marketability of any minerals acquired or discovered may be affected by numerous factors which are beyond the Company's control and which cannot be predicted, such as market fluctuations, the proximity and capacity of milling facilities, mineral markets and processing equipment, and such other factors as government regulations, including regulations relating to royalties, allowable production, importing and exporting of minerals, and environmental protection. Depending on the price of minerals produced, the Company may determine that it is impractical to commence or continue commercial production.

# **Commodity Prices**

The Company's revenues, if any, are expected to be in large part derived from the mining and sale of calcium feldspar anorthosite and industrial minerals or interests related thereto. The price of these commodities has fluctuated widely, particularly in recent years, and is affected by numerous factors beyond the Company's control including international economic and political conditions, expectations of inflation, international currency exchange rates, interest rates, global or regional consumptive patterns, speculative activities, levels of supply and demand, increased production due to new mine developments and improved mining and production methods. The effect of these factors on the price of these commodities, and therefore the economic viability of the Company's operations cannot accurately be predicted and, in almost all cases, are factors which the Company cannot change or influence.

#### Title

Although the Company believes that it has taken all reasonable legal and other actions to ensure that it has good title to the properties in which it has a material interest, there is no guarantee that title to such properties will not be challenged or impugned. The Company's mineral property interests may be subject to prior unregistered agreements or transfers, and title may be affected by undetected defects.

#### **Governmental Regulation**

Operations, development and exploration on the Company's properties are affected to varying degrees by:

- i. government regulations relating to such matters as environmental protection, health, safety and labour;
- ii. mining law reform;
- iii. restrictions on production, price controls, and tax increases;
- iv. maintenance of claims;
- v. tenure; and
- vi. expropriation of property.

There is no assurance that future changes in such regulations, if any, will not adversely affect the Company's operations. Changes in such regulations could result in additional expenses and capital expenditures, availability of capital, competition, reserve uncertainty, potential conflicts of interest, title risks, dilution, and restrictions and delays in operations, the extent of which cannot be predicted. If any of the Company's projects are advanced to the development stage, those operations will also be subject to various laws and regulations concerning development, production, taxes, labour standards, environmental protection, mine safety and other matters. In addition, new laws or regulations governing operations and activities of mining companies could have a material adverse impact on any project in the mine development stage that the Company may possess. The Bureau of Mines and Petroleum in Greenland currently restricts the mining of radioactive elements and there is no assurance that the ban will be lifted if the production of REE contains radioactive elements as by products to the primary metals.

#### **Management and Directors**

The Company is dependent on a relatively small number of directors: Flemming Knudsen (Chairman), John McConnell, John McDonald, Herbert Wilson, Bob Shields, David Frattaroli, and James Cambon; and officers: James Cambon, Kenneth Palko, and Samuel Yik. The loss of any of one of those persons could have an adverse effect on the Company. The Company does not maintain key person insurance on any of its management.

# **Conflicts of Interest**

Certain officers, directors and advisors of the Company are officers and/or directors of, or are associated with, other natural resource companies that acquire interests in mineral properties. Such associations may give rise to conflicts of interest from time to time. The directors are required by law, however, to act honestly and in



good faith with a view to the best interests of the Company and its shareholders and to disclose any personal interest which they may have in any material transaction which is proposed to be entered into with the Company and to abstain from voting as a director for the approval of any such transaction.

# **Limited Operating History: Losses**

As the Company has transitioned from the exploration phase to the development phase, it has experienced losses in all years of its operations. There can be no assurance that the Company will operate profitably in the future, if at all. As at December 31, 2018, the Company's deficit was \$65,169,353

#### **Price Fluctuations: Share Price Volatility**

In recent years, the securities markets in the United States and Canada have experienced a high level of price and volume volatility, and the market price of securities of many mineral exploration 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. In particular, during the past 12 months, the Company's share price fluctuated from a high of \$0.64 to a low of \$0.38. There can be no assurance that continual fluctuations in share price will not recur.

#### **Indebtedness: Secured Loans**

On July 17, 2017, the Company completed the debt funding arrangement from Cordiant for a Senior Loan of US\$13 million and a Subordinated Loan of US\$9.5 million, for a total of US\$22.5 million for Hudson's White Mountain Anorthosite Project in Greenland through its 100% owned Greenland subsidiary, Hudson Greenland A/S. In connection with the debt funding arrangement, the Company povided security in respect to its obligation to pay all principal and interest owing under the Subordinated Loan and the Senior Loan in the form of a charge over substantially all of the Company's assets.

The Subordinated Loan and the Senior Loan have a term of seven years, maturing on July 15, 2024. Semi-annual principal repayments start on January 15, 2020 with only interest payments required prior to that date. The Senior Loan carries an interest rate of \$US six-month LIBOR plus 6.5% until July 15, 2018 and increased to LIBOR plus 9.5% thereafter. The Subordinated Loan's rate is \$US six-month LIBOR plus 9.5%. Should the Company fail to meet its obligations to the holders of the Subordinated Loan and the Senior Loan (collectively the "Loan Holders"), such default could result in the Loan Holders' decision to realize on their security.

In accordance with the Senior and Subordinate Loan agreements with Cordiant, the Company paid US\$1.1 million and US\$1.4 million in semi-annual interest payments in July 2018 and January 2019 respectively.

#### **Financial Resources**

The Company's ability to continue its development activities depends primarily on the Company's ability to obtain debt financings, equity financings, sale of assets or some combination of these or other means. There can be no assurance that any such arrangements will be concluded and the associated funding obtained. There can be no assurance that the Company will have sufficient cash to meet its obligations as they become due or will obtain necessary financing on acceptable terms, if at all. The failure of the Company to meet its on-going obligations on a timely basis will likely result in the loss or substantial dilution of the Company's interests (as existing or as proposed to be acquired) in its properties. The Company's current priority is to continue to develop the White Mountain Anorthosite Project in Greenland.

# **Currency Fluctuations**

The Company presently maintains its corporate bank accounts in Canadian and US dollars. The senior and subordinated loans are denominated in US dollars. Due to the nature of its operations in Greenland, the Company also maintains accounts in Danish Krone in Greenland. The Company's operations in Greenland and

its continued exploration and development expenditures in Greenland are denominated in DKK, US dollars and EURO, making it subject to foreign currency fluctuations. Such fluctuations are out of the Company's control and may materially adversely affect the Company's financial position and results.

#### CHANGES IN ACCOUNTING POLICIES AND NEW ACCOUNTING DEVELOPMENTS

# Adoption of new and amended accounting standards

Certain pronouncements were issued by the IASB or the IFRS Interpretations Committee that are mandatory for accounting periods beginning before or on January 1, 2018.

The adoption of the following IFRS pronouncement will result in enhanced financial statement disclosures in the Company's annual consolidated financial statements. This pronouncement did not affect the Company's financial results nor did it result in adjustments to previously-reported figures.

- IFRS 9 New standard that replaced IAS 39 for classification and measurement.
- IFRS 15 New standard to establish principles for reporting the nature, amount, timing, and uncertainty of revenue and cash flows arising from an entity's contracts with customers.

Readers are requested to refer to note 3 of the Company's unaudited condensed consolidated interim financial statements for the nine months ended December 31, 2018 for a more detailed discussion on the impact of the adoption of the new pronouncement.

# New standards and interpretations not yet adopted

Certain new standards, interpretations, amendments and improvements to existing standards were issued by the IASB or IFRIC that are mandatory for future accounting periods. The following have not yet been adopted by the Company and are being evaluated to determine their impact.

• IFRS 16 – Leases: New standard to establish principles for recognition, measurement, presentation and disclosure of leases with an impact on lessee accounting, effective for annual periods beginning on or after January 1, 2019. The Company is currently evaluating the impact from adopting this standard.

# ADDITIONAL DISCLOSURE FOR VENTURE ISSUERS WITHOUT SIGNIFICANT REVENUE

Additional disclosure concerning the Company's general and administrative expenses and resource property expenditures is provided in the Company's unaudited interim financial statements for the nine months ended December 31, 2018 which are available on the Company's website at <a href="https://www.hudsonresourcesinc.com">www.hudsonresourcesinc.com</a> or on SEDAR at <a href="https://www.sedar.com">www.sedar.com</a>.

# **APPROVAL**

The Company's Audit Committee on behalf of the Board of Directors has approved the disclosure contained in this MD&A.

#### FORWARD-LOOKING INFORMATION

Statements contained in this MD&A that are not historical facts are forward-looking statements (within the meaning of the Canadian securities legislation and the U.S. Private Securities Litigation Reform Act of 1995) that involve risks and uncertainties. Forward-looking statements include, but are not limited to, statements with respect to the future price of metals; the estimation of mineral reserves and resources, the realization of mineral reserve estimates; the timing and amount of estimated future production, costs of production, and capital expenditures; costs and timing of the development of new deposits; success of exploration activities, permitting



time lines, currency fluctuations, requirements for additional capital, government regulation of mining operations, environmental risks, unanticipated reclamation expenses, title disputes or claims, limitations on insurance coverage and the timing and possible outcome of pending litigation. In certain cases, forward-looking statements can be identified by the use of words such as "plans", "expects" or "does not expect", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved". Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Such risks and other factors include, among others, risks related to the integration of acquisitions; risks related to operations; risks related to joint venture operations; actual results of current exploration activities; actual results of current reclamation activities; conclusions of economic evaluations; changes in project parameters as plans continue to be refined; future prices of metals; possible variations in ore reserves, grade or recovery rates; failure of plant, equipment or processes to operate as anticipated; accidents, labour disputes and other risks of the mining industry; delays in obtaining governmental approvals or financing or in the completion of development or construction activities, as well as those factors discussed in the sections entitled "Risks and Uncertainties" in this MD&A. Although the Company has attempted to identify important factors that could affect the Company and may cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other factors that cause actions, events or results not to be as anticipated, estimated or intended. There can be no assurance that forwardlooking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements.

The forward-looking statements in this MD&A speak only as of the date hereof. The Company does not undertake any obligation to release publicly any revisions to these forward-looking statements to reflect events or circumstances after the date hereof to reflect the occurrence of unanticipated events. Forward-looking statements and other information contained herein concerning the mining industry and general expectations concerning the mining industry are based on estimates prepared by the Company using data from publicly available industry sources as well as from market research and industry analysis and on assumptions based on data and knowledge of this industry which the Company believes to be reasonable. However, this data is inherently imprecise, although generally indicative of relative market positions, market shares and performance characteristics. While the Company is not aware of any misstatements regarding any industry data presented herein, the industry involves risks and uncertainties and is subject to change based on various factors.