

# Management's Discussion and Analysis For the Three Month Period Ended 31 March 2017

The following Management's Discussion and Analysis ("MD&A"), prepared as of 15 May 2017, should be read together with the consolidated financial statements of Minera IRL Limited (the "Company") for the three months ended 31 March 2017 and related notes thereto, which were prepared in accordance with International Financial Reporting Standards ("IFRS"). Additional information about Minera IRL, including the Company's most recently filed Annual Information Form and the risks and uncertainties discussed therein, may be found at the Company's website at <a href="www.minera-irl.com">www.minera-irl.com</a> and within the Company's SEDAR profile at <a href="www.sedar.com">www.sedar.com</a>.

All figures are expressed in United States dollars ("\$") unless otherwise noted. References to "C\$" are to Canadian dollars and to "£" are to British pound sterling.

## **HIGHLIGHTS**

## **Financial**

- Gold sales of 6,397 ounces (Q1 2016: 5,647 ounces) at an average realized gold price of \$1,222 per ounce (Q1 2016: \$1,194 per ounce).
- o Revenue of \$7.8 million, (Q1 2016: \$6.7 million)
- o Gross profit of \$2.2 million (Q1 2016: \$1.4 million).
- o Loss before tax of \$1.7 million (Q1 2016: 2.7 million).
- o Cash balance of \$1.6 million at the end of the quarter (31 December 2016: \$6.8 million).
- o Debt of \$71.0 million at the end of the quarter (31 December 2016: \$69.2 million).

## **Operational Performance**

## o Corihuarmi, Peru

- Gold production from the Corihuarmi Gold Mine of 6,411 ounces (Q1 2016: 5,769 ounces).
- o Ore mined and staked of 677,601 tonnes (Q1 2016: 757,822 tonnes).
- o Waste of 421,144 tones (Q1 2016: 313,236 tonnes).
- o Total cash costs were \$752 per ounce produced (2016: \$768).
- o Total all-in sustaining costs (AISC) were \$905 per ounce produced (2016: \$908)

# Background and Business of the Company

Minera IRL Limited is a Jersey registered company which, together with its subsidiaries, engages in exploration, development and mining of precious metals in Latin America. The Company was privately funded from inception in 2000 until an initial public offering and admission of its ordinary shares on the AIM Market of the London Stock Exchange plc ("AIM") in April 2007. Subsequently, the Company listed on the Lima Stock Exchange in Peru, the Bolsa de Valores Lima ("BVL"), in December 2007. In April 2010, the shares of the Company were listed on the Toronto Stock Exchange ("TSX").

The Company did not timely file its financial statements for the three and six month periods ended 30 June 2015 and trading in the Company's shares was suspended on AIM, BVL and TSX in September 2015. In March 2016, the Company requested a delisting from AIM. In October 2015 the Company applied for a voluntary delisting on TSX. Also in October 2015, both the Ontario Securities Commission and the British Columbia Securities Commission issued Cease Trade Orders for the Company's failure to timely file its periodic disclosure documents. This Cease Trade Orders were revoked on 20 January 2017 and on 3 February 2017 the Company's ordinary shares began trading on the Canadian Securities Exchange. Trading on BVL resumed on 4 January 2017 after the Peruvian securities regulator lifted the trade suspension issued in 2015.

In Peru, the Company operates the Corihuarmi Gold Mine and has been advancing its flagship project, the Ollachea Gold Project (the "Ollachea Project"), towards production. At Ollachea, the Company has completed a post-definitive feasibility study optimization and received an Environmental and Social Impact Assessment ("ESIA") and construction permit from the Peruvian authorities.

The Company is currently working towards financing the Ollachea Project. On 3 June 2015, The Company through one of the its subsidiaries entered into a two-year \$70,000,000 secured finance facility (the "Bridge Loan") structured by the Peruvian state-owned development and promotion bank, Corporación Financiera de Desarrollo S.A. ("COFIDE") and syndicated through Goldman Sachs Bank USA. The Bridge Loan was expected to be the first step towards a senior debt facility of up to \$240,000,000 described in a letter of mandate signed by COFIDE and the Company to build the Ollachea Project. The Bridge Loan was to be the initial component of the senior debt facility.

In March 2017 COFIDE terminated the letter of mandate to exclusively structure the senior debt to a maximum of US\$240 million for the development of the Ollachea Project. The Company is currently evaluating its options for the repayment of the Bridge Loan which is due on 5 June 2017.

The Bridge Loan is secured by the Ollachea Project's assets, mining reserves, mining concessions and rights, guarantees from the Company's Peruvian subsidiary Minera IRL S.A., which owns the Corihuarmi mine, and a pledge of the shares of the Company's subsidiary, Compania Minera Kuri Kullu S.A., which holds the Ollachea Project. If the Company is not able to secure financing it will not have the funds available to develop the Ollachea Project and may be required to delay, scale back or eliminate various programs related to the Project.

# Operational, Project Development and Exploration Review

## Corihuarmi Gold Mine, Peru

The Company's 100% owned Corihuarmi Gold Mine ("Corihuarmi") is located approximately 160 kilometres ("km") southeast of Lima, Peru, in the Central Andes at an altitude of almost 5,000 metres ("m"). The Company acquired the Corihuarmi leases in 2002 and the mine was brought into production in March 2008. The most recent exploration drill program commenced in December 2016 and the corresponding final report prepared by an independent consulting firm was received in April 2017. This report extends the life of Corihuarmi mine into mid 2020.

Below is a summary of the key operating statistics for Corihuarmi for the three months ended 31 March 2017 and 2016:

Operating Parameters	End	Three Months Ended 31 March		
	2017	2016		
Waste (tonnes)	421,144	313,236		
Ore mined & stacked on heaps (tonnes)	677,601	757,822		
Ore grade, mined and stacked (g/t gold)	0.394	0.299		
Gold produced (ounces)	6,411	5,769		
Gold sold (ounces)	6,397	5,647		
Realized gold price (\$ per ounce sold)	1,222	1,194		
Total cash costs (\$ per ounce produced) <sup>1</sup>	752	768		
Total all-in sustaining costs (\$ per ounce produced) 1	905	908		

<sup>&</sup>lt;sup>1.</sup> Refer to Non-IFRS Measures at the end of this MD&A.

#### Three Months Ended 31 March 2017

Gold production during the first quarter of 2017 was 6,411 ounce, an 11% increase compared to the 5,769 ounces produced in the same period of the prior year. The increase in gold production was mainly the result of an increase of 32% in ore grade partially offset by a decrease of 11% in ore mined & stacked on heaps.

Gold sold during the first quarter of 2017 was 6,397 ounces, a 13% increase compared to the 5,647 ounces sold in the same period of the prior year. The average realized gold price during the first quarter of 2017 was \$1,222, a small 2% increase compared to the \$1,194 average realized gold price during the same period of the prior year.

Total cash costs of \$752 per ounce produced during the first quarter of 2017 were 2% lower than total cash costs of \$768 during the same period of the prior year. Total all-in sustaining costs (AISC) of \$905 per ounce produced during the first quarter of 2017 were almost at the same level of the \$908 per ounce produced during the same period of the prior year.

## Ollachea Project, Peru – Development

Minera IRL's flagship Ollachea Project is located in southern Peru, approximately 250km north of Lake Titicaca, on the eastern escarpment of the Andes Mountains. Infrastructure in close proximity to the project is excellent and well serviced with paved roads, transmission lines, and electricity generating facilities.

In June 2012, the Company announced that the 2007 5-year Surface Rights Agreement with the nearby Community of Ollachea had been extended for a period of 30 years. As part of this agreement, Minera IRL agreed to continue to sponsor community health, education, sustainability and community enterprise programs. The 2012 agreement also ratifies the commitment in the original 2007 Surface Rights Agreement to grant the Community of Ollachea a 5% equity participation in the subsidiary company Minera Kuri Kullu SA which holds the Ollachea leases, upon the commencement of commercial production.

Between 2008, when drilling commenced, and the last drill hole in early 2013, the Company has completed 82,275m of drilling in 211 holes over a strike length of approximately 2km, resulting in the delineation of significant gold mineral resources at Ollachea. All defined zones of mineralization remain open-ended both along strike and down-dip at Ollachea.

In November 2012, the Company published a National Instrument 43-101 compliant technical report summarizing the results of a Definitive Feasibility Study (the "Ollachea DFS") for a robust underground mining operation on the Minapampa Zone of the Ollachea Project that was prepared by AMEC (now Amec Foster Wheeler). In June 2014, the Company completed an optimization study on Ollachea DFS in anticipation of the development of the Ollachea Project (the "Ollachea Optimization Study") that included an updated Mineral Reserve and Resource Statement for the Minapampa Zone, updated cost estimates, and an accelerated production profile.

In December 2012, as part of the permitting process, the Company submitted an Environmental and Social Impact Assessment ("ESIA") report on the Ollachea Project to the Peruvian Ministry of Mines and Energy ("MEM"), the government agency responsible for ESIA approval. The ESIA report was the culmination of over three years of environmental baseline studies, the Ollachea DFS, archaeological studies, water management plan, flora and fauna studies, social baseline studies and comprehensive community public consultations. The approval of a mining project's ESIA is a major milestone on the path towards production and is the key permit required to develop a mine in Peru.

In May 2013, the Ollachea ESIA received final approval from the Community of Ollachea; and, in September 2013, MEM approved the ESIA. After approval of the ESIA, the Company submitted its application for a construction permit for the Ollachea Project, which was issued in June 2014. The construction permit was the final significant permit required to commence construction of the Ollachea Project.

During the first quarter of 2017, expenditures capitalized on the Ollachea Project were \$0.7 million, which are related mainly to community development, environmental costs.

## Ollachea Project, Peru – Exploration

Over the three and one-half year period following commencement of drilling in October 2008, the Company completed 82,275m of drilling in 211 holes over a strike length of approximately 2km, resulting in the delineation of significant gold mineral resources and reserves at Ollachea. There is significant exploration upside at Ollachea, as all zones of known mineralization remain open-ended both along strike and down-dip.

On 29 August 2011, the Company announced that it had committed to the construction of a 1.2km exploration tunnel into the hanging wall of the Minapampa ore body at the Ollachea Project. In addition to providing access for underground exploration drilling, the tunnel was designed to later serve as a production tunnel, which is expected to facilitate rapid mine development project once the Company secures financing for the project.

In January 2013, the exploration tunnel reached its planned 1.2km objective, more than a month ahead of schedule and under budget. The speed and reduced cost associated with the completion of the tunnel, as well as the practical experience gained, indicates that certain technical considerations utilized in the DFS may be conservative. Specifically, the tunnel exhibits significantly better ground conditions, a much higher advance rate and minimal water infiltration; these factors could positively affect the project economics outlined in the Ollachea DFS, though the extent of their impact cannot be accurately predicted.

During the second half of 2016 the Company carried out a drilling program on the Minapampa East zone. On 13 February 2017, the Company announced the final assay results of the 2016 Minapampa East drill program. The drill hole results have been used to outline an exploration target in the Minapampa East mineralized zone of 370,000 to 550,000 ounces of gold contained within 3.1 to 4.6 million tonnes, grading 2.9 to 4.3 g/t gold. The potential tonnages and grades are conceptual in nature and are based on drill results that define the approximate length, thickness, depth and grade of mineralization in the Minapampa East mineralized zone.

## **Exploration Projects**

#### Frontera Joint Venture

The Frontera project is a 35/65 joint venture with Teck Resources Limited ("**Teck**"), which is managed by Teck. The property consists of a 12km<sup>2</sup> package of tenements located in Region I of northern Chile, on the northwestern border with Peru and close to the eastern border with Bolivia.

No exploration activities are planned for 2017.

#### Quilavira Project

The Company signed an option agreement in February 2010 to acquire the Quilavira Gold Project from Newcrest Mining Ltd. The 51km² tenement package is in the Tacna district of southern Peru. The transaction was conducted through a surrogate local Peruvian company authorized to work within the Strategic Frontier Zone facing Chile that acquired the property from Newcrest on behalf of the Company. Once permission is granted to the Company to work in the Frontier Zone, the properties are expected to be transferred at nominal cost.

The main exploration target at Quilavira is an alteration zone approximately 1,200m by 300m in size. Sampling by Newcrest identified a 200m by 200m zone of anomalous gold mineralization (>1g/t gold rock chip samples) within the western part of the alteration zone.

No exploration activities are planned for 2017.

# Summary of Quarterly Results

(tabular data in thousands of US dollars, except per share amounts)

	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
	Jun. '15	Sep. '15	Dec. '15	Mar. '16	Jun. '16	Sep. '16	Dec. '16	Mar. '17
Total revenue	7,434	5,872	7,669	6,744	7,126	7,839	7,454	7,818
Loss before tax	(5,785)	(2,667)	(4,630)	(2,679)	(2,421)	(2,991)	(2,322)	(1,749)
Total comprehensive								
income (loss)	(5,785)	(2,667)	(4,630)	(2,679)	(2,421)	(2,991)	(2,322)	(1,749)
Net loss per share (basic								
and diluted -US cents)	(2.5)	(1.2)	(1.9)	(1.2)	(1.0)	(1.3)	(1.0)	(0.8)

The business of the Company is not generally subject to seasonal influences. The variation in revenue, net profit and loss are due to a number of factors, including the market price of gold, the tonnes of ore and the associated grade of these tonnes of ore extracted from the mine and therefore the cost of production, the level of expenses incurred and the impairment of exploration, development and mining assets.

# Overview of Financial Results

Note – All of the results presented are prepared under IFRS and are in United States dollars, which is the Company's functional currency as well.

	Three M Ende 31 Ma	ed
	2017	2016
Revenue (\$'000)	7,818	6,744
Gold sold (ounces)	6,397	5,647
Realized gold price (\$ per ounce )	1,222	1,194
Gross profit (\$'000)	2,167	1,382
Loss after-tax (\$'000)	(1,749)	(2,679)
Comprehensive loss (\$'000)	(1,749)	(2,679)
Loss per share (cents)	(0.8)	(1.2)

<sup>&</sup>lt;sup>1.</sup> Refer to Non-IFRS Measures at the end of this MD&A.

#### **Results of Operations**

During the first quarter of 2017 the Company reported a loss of \$1,749,000 compared with a loss of \$2,679,000 during the same period in the prior year. The \$930,000 lower loss was mainly the result of a \$785,000 increase in gross profit and a \$454,000 gain on disposal of vehicles partly offset by a \$298,000 increase in finance expenses.

During the first quarter of 2017, the Company reported sales revenue of \$7,818,000 compared with sales revenue of \$6,744,000 during the same period in the prior year, an increase of \$1,074,000. This 16% increase was attributed to an increase of 13% in the number of gold ounces sold, combined with an increase of 2% in the average realized gold price for the period.

Cost of sales during the first quarter of 2017 was \$5,651,000, compared with cost of sales of \$5,362,000 during the first quarter of 2016, an increase of 5%. A period-over-period comparison for the cost of sales is provided in the table below.

#### **Breakdown of Cost of Sales**

	Three Months Ended 31 March 2017 2016 (\$'000s) (\$'000s)	
Site operating costs	3,976	3,994
Depreciation and amortization	827	931
Community and environmental costs	529	118
Other costs (royalties and taxes, selling expense, adjustments)	319	319
Total	5,651	5,362

Administration expenses during the first quarter of 2017 were \$1,211,000, compared with administration expenses of \$1,186,000 during the first quarter of 2016, a small increase of 2%. A period-over-period comparison for the administration expenses is provided in the table below.

**Breakdown of Administration Expenses** 

_	Three Months Ended	
	31 March	
	2017	2016
	(\$'000s)	(\$'000s)
Depreciation	28	20
Director fees	18	18
Foreign exchange	155	(88)
Investor relations	15	20
Stock exchange fees	58	29
Office rent and administration	89	132
Professional and consulting fees	232	260
Salaries and wages	429	590
Telecommunication	23	25
Travel	79	47
Other	85	133
Total	1,211	1,186

Finance expense during the first quarter of 2017 was \$3,151,000 compared to \$2,853,000 during the first quarter of 2016, an increase of 10%. A period-over-period comparison for the finance expenses is provided in the table below.

**Breakdown of Finance expenses** 

		Three Months Ended 31 March 2017   2016 (\$'000s)   (\$'000s)	
COFIDE bridge loan effective interest		2,336	2,064
Other bridge loan finance costs		270	249
Royalty buyback provision		382	347
Other finance expenses		163	193
Total		3,151	2,853

## Cash Flow

Cash used by operating activities during the first quarter of 2017 was \$1,966,000, compared with \$760,000 used during the same period of the prior year.

Investing activities during the first quarter of 2017 used \$1,788,000, compared with \$2,219,000 used during the same period of the prior year, a decrease of \$431,000. The change was due mainly to the decrease of \$1,436,000 in restricted funds which was partially offset by increases of \$800,000 in deferred development expenditures and \$207,000 of property, plant and equipment. A period-over-period comparison for the investing activities is provided in the table below.

#### **Breakdown of Investment activities**

	Three Months Ended 31 March 2017 2016 (\$'000s) (\$'000s)	
Acquisition of property, plant and equipment	472	265
Proceeds on disposal of property, plant and equipment	(2)	-
Deferred exploration and development expenditures	1,318	518
Increase in restricted cash	-	1,436
Total	1,788	2,219

Financing activities during the first quarter of 2017 used \$1,523,000, compared with \$1,403,000 used during the same period of the prior year, an increase of \$120,000. A period over period comparison for the financing activities is provided in the table below:

**Breakdown of Financing activities** 

	Three Months Ended 31 March 2017 2016 (\$'000s) (\$'000s)	
Interest paid to Goldman Sachs	1,248	1,173
Taxes on interest paid	208	187
Other finance expense paid	67	43
Total	1,523	1,403

# Legal Actions Involving Company

During the second half of 2015, various legal actions were filed by the Company against the General Manager of its Peruvian subsidiary, Minera IRL S.A., and by the General Manager against the directors and certain senior officers of the Company. During the first half of 2016 most of the parties involved signed a settlement agreement and these legal actions were discontinued.

Claims for wrongful dismissal and alleged damage to personal reputation have been filed against one of the Company's subsidiaries in Peru by a former executive and a former employee. The Company has made an accrual of \$190,495.

#### Outlook

At 31 March 2017, the Company had a working capital deficit of \$67,556,000 (defined as current assets less current liabilities).

In 2017, the Company is forecasting gold production of 22,000 ounces from Corihuarmi. Production is expected to come mainly from the Cayhua zone, along with continued production from zones Susan, Laura, Tambo Nuevo, Diana extension, plus nearby Scree Slope material.

The 2017 Corihuarmi capital budget is \$2.0 million for the construction of a heap leach pad. This expansion is to accommodate all of the material that is scheduled to be mined and stacked until the second quarter of 2018.

Between December 2016 and March 2017, the Company completed 7,291 metres of exploration drilling in 86 drill holes at the Corihuarmi mine. The exploration program defined additional material at the Cayhua, Tambo Nuevo and Laura zones. As a result of the exploration activities and evaluation, the Corihuarmi life of mine has been extended until mid 2020.

#### Ollachea and the COFIDE Bridge Loan

In March 2017 COFIDE terminated the letter of mandate to exclusively structure the senior debt to a maximum of US\$240 million for the development of the Ollachea Project. The Company is currently evaluating its options for the repayment of the Bridge Loan which is due on 5 June 2017.

The Bridge Loan is secured by the Ollachea Project's assets, mining reserves, mining concessions and rights, guarantees from the Company's Peruvian subsidiary Minera IRL S.A., which owns the Corihuarmi mine, and a pledge of the shares of the Company's subsidiary, Compania Minera Kuri Kullu S.A., which holds the Ollachea Project. If the Company is not able to secure financing it will not have the funds available to develop the Ollachea Project and may be required to delay, scale back or eliminate various programs related to the Project.

For further information, please refer to paragraph "Background and Business of the Company" on page 3.

## Capital Management

The Company's objectives when managing capital are to safeguard the Company's ability to continue as a going concern in order to pursue the exploration, development and operation of its mining assets. In the management of capital, the Company includes its cash and cash equivalent balances, interest bearing loans and components of shareholders' equity.

The Company manages the capital structure and makes adjustments in light of changes in economic conditions and the risk characteristics of the underlying assets. To maintain or adjust the capital structure, the Company may attempt to issue new shares, issue debt, acquire or dispose of assets or adjust the amount of cash and cash equivalents.

The Company is not currently subject to externally imposed capital requirements.

## Liquidity and Capital Resources

As at 31 March 2017, the Company had cash of \$1,580,000, compared with \$6,857,000 as at 31 December 2016.

As at 31 March 2017, the Company had a working capital deficiency of \$67,556,000. Working capital is defined as current assets less current liabilities.

The above conditions indicate the existence of a material uncertainty which may cast doubt on the Company's ability to continue as a going concern.

#### **Future Contractual Obligations**

As at 31 March 2017, the Company had the following undiscounted future contractual obligations outstanding:

\$'000	Total	Less than 1 year	Year 2	Year 3	Year 4	Year 5	After Year 5
Debt repayments	71,248	71,248	-	-	-	-	-
Promissory note	1,516	1,516	-	-	-	-	-
Asset retirement obligation +	8,439	801	293	1,348	2,695	2,693	609
Note:							

#### Going Concern Basis

The consolidated financial statements have been prepared on a going concern basis. The Company's future plans and expectations are based on the assumption that the Company will be able to continue in operation for the foreseeable future and will realize its assets and discharge its liabilities in the normal course of business rather than through a process of forced liquidation. There can be no assurance that the Company will be able to generate sufficient cash from operations or obtain adequate financing in the future or, if available, that such financing will be on acceptable terms. If adequate financing is not available when required, the Company may be required to delay, scale back or eliminate various programs and may be unable to continue in operation. The Company may seek such additional financing

<sup>+</sup> This cost relates to the Corihuarmi mine rehabilitation costs and Ollachea exploration tunnel rehabilitation cost.

through debt or equity offerings. Any equity offering will result in dilution to the ownership interests of the Company's shareholders and may result in dilution to the value of such interests.

## Commitments and Contingent Liabilities

The Company is subject to various laws and regulations governing its mining, development and exploration activities. These laws and regulations are continually changing and generally becoming more restrictive. The Company has made, and expects to make in the future, expenditures to comply with such laws and regulations. As a result of examinations conducted by the Ministry of Energy and Mines at the Corihuarmi mine, the Company has been fined for failure to comply with environmental obligations. The Company has appealed the aforesaid resolutions. As at 31 March 2017 the Company estimates an amount of \$457,000 as contingencies related to liabilities for breach of environmental issues. No provision has been made as the Directors believe that the Company will be successful in its appeal.

During 2013, the Company was issued tax reassessments by the Peruvian tax authorities for the years ended 31 December 2008, 2009 and 2011 related to the deductibility of depreciation claimed by the Company. The appeal filed by the Company with the tax authorities was unsuccessful and the Company subsequently filed an appeal with the Peruvian Tax Court. If the Company is unsuccessful in its appeal of the reassessments, taxes in the amount of approximately \$1,407,000 would be payable. No provision has been made as the Directors consider that the Company will be successful in its appeal.

The Company entered into a contract with Empresa de Generacion Electrica San Gaban S.A. for the supply of power for the construction and operation of the Ollachea Project. The supply of power contract included certain minimum power usages in the event that construction of Ollachea had not commenced by June 2015. In March 2015, the Group amended the power contract deferring the requirement to make minimum power usage payments for twelve months, until June 2016. As compensation for deferring the minimum power usage requirements for twelve months, the Group agreed to pay fixed monthly compensation for a period of nine and a half years starting six months after Ollachea commences production. The monthly compensation amount will vary depending on the start date of the construction of Ollachea, but could be as high as \$11,000 per month for a total amount of \$934,000 over the nine and a half year period. The term of the agreement was extended 5 years to start the construction stage with no penalty or minimum monthly payments. If the Group chooses to terminate the power supply agreement prior to the commencement of production, there would be a penalty of approximately \$2,400,000. The contract was extended until March 2022.

Claims for wrongful dismissal and alleged damage to personal reputation have been filed against one of the Company's subsidiaries in Peru by a former executive and a former employee. The Company has made an accrual of \$190,495 in respect of these claims as at 31 March 2017.

#### Financial Instruments

The Company's principal financial assets comprise of cash and cash equivalents, and other receivables. The Company's financial assets are classified as loans and receivables and are measured at amortised cost.

The Company's financial liabilities include trade and other payables, interest bearing loans and other long term liabilities. They are all classified as financial liabilities and measured at amortised cost.

## Liquidity risk

Liquidity risk is the risk that the Company will not be able to meet its financial obligations as they fall due. Prudent management of liquidity risk implies maintaining sufficient cash and cash equivalents as well as an adequate amount of committed credit facilities. Management of the Company safeguards its cash resources and makes regular forecasts of the requirements to use those resources. If necessary, management adapts its plans to suit the resources available.

In March 2017 the Company was informed by COFIDE that it had revoked the mandate to structure the senior debt for the development of the Ollachea Project, and would require repayment of the US\$70 million Bridge Loan on 5 June 2017. As a result, the Company now needs to raise funds from alternative sources or through new equity funds in order to repay the Bridge Loan and commence major site construction on the Ollachea Project. Failure to do so may result in relinquishing control of the subsidiary.

#### Credit risk

Credit risk is the risk that one party to a financial instrument will fail to discharge an obligation and cause the other party to incur a financial loss. The Company is exposed to credit risk in so far as it deposits cash with its banks. However, the banks used are international institutions of the highest standing. In addition the Company is exposed to sovereign risk in so far as it is owed recoverable sales tax by the government of Peru.

#### **Currency risk**

Foreign currency risk is the risk that the fair value of assets and future cash flows will fluctuate as a result of changes in foreign currency exchange rates. The Company operates in Peru and is therefore exposed to foreign exchange risk arising from transactions denominated in foreign currencies. The operating results and the financial position of the Company are reported in United States dollars. Fluctuations of local currencies in relation to the US dollar will have an impact upon the reported results of the Company and may also affect the value of the Company's assets and liabilities. The Company has not entered into any agreements or purchased any instruments to hedge any currency exposures.

#### Interest rate risk

Interest rate risk is the risk that the fair value of future cash flows of a financial instrument will fluctuate because of changes in market interest rates. Debt obligations are exposed to interest rate variations. The Company has debt denominated in US dollars and is therefore exposed to movements in US dollar interest rates. This debt bears interest at 6.17% over LIBOR. A change in LIBOR of +/- 1% would not have a material effect on the financial results of the Company. It is the policy of the Company to settle trade payables within agreed terms so that no interest is incurred on those liabilities.

## Commodity price risk

Commodity price risk is the risk that the fair value of future cash flows will fluctuate as a result of changes in commodity prices. The commodity price for gold is impacted by world economic events that dictate the levels of supply and demand. The ability of the Company to mine, develop and explore its mineral properties and the future profitability of the Company are directly related to the market price of precious metals, specifically gold. The Company monitors commodity prices to determine appropriate actions to be undertaken. The Company has not entered into any agreements or purchased any instruments to hedge possible commodity price risk. The Company is also exposed to the risk that the cost of mining,

development or construction activities for its planned activities might increase and cause some elements to be uneconomic.

# Off-Balance Sheet Arrangements

The Company has no off-balance sheet arrangements.

## Transactions with Related Parties

The Company's portion of transactions between the Company and its jointly controlled entities are eliminated on consolidation.

During the quarter ended 31 March 2017, the Company had no transactions with related parties with the exception disclosed in notes 4 and 18 of the consolidated financial statements for the quarter ended 31 March 2017.

# Significant Accounting Policies and Critical Accounting Estimates

The Company follows the accounting policies described in the audited consolidated financial statements for the year ended 31 December 2016, which have been filed on SEDAR.

The preparation of financial statements in conformity with IFRS requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenues and expenses. Based on historical experience, current market conditions and expert advice, management makes assumptions that are believed to be reasonable under the circumstances. These estimates and assumptions form the basis for judgments about the carrying value of assets and liabilities and reported amounts for revenues and expenses.

# Critical Accounting Estimates

The preparation of consolidated financial statements requires the Company to select from possible alternative accounting principles, and to make estimates and assumptions that determine the reported amounts of assets and liabilities at the balance sheet date and reported costs and expenditures during the reporting period. Estimates and assumptions may be revised as new information is obtained, and are subject to change. The Company's accounting policies and estimates used in the preparation of the consolidated financial statements are considered appropriate in the circumstances, but are subject to judgments and uncertainties inherent in the financial reporting process.

#### **Intangible Assets**

Property acquisition costs and related direct exploration costs may be deferred until the properties are placed into production, sold, abandoned, or impaired, where appropriate. The Company's accounting policy is to capitalize exploration costs, which is consistent with IFRS, and the policy is consistent with other resource companies which are similar to the Company. An alternative policy would be to expense these costs until a feasible mineral resource has been objectively established. Management is of the view that its current policy is appropriate for the Company at this time. Based on annual impairment reviews made by management, or earlier if circumstances warrant, in the event that the long-term expectation is that the net carrying amount of these capitalized exploration costs will not be recovered, then the carrying amount is written down accordingly and the write-down is charged to operations. A write-down may be

warranted in situations where a property is to be sold or abandoned; or exploration activity ceases on a property due to unsatisfactory results or insufficient available funding.

## **Impairment**

In undertaking an impairment review for the operating mine or advanced exploration projects an economic model is prepared which includes full details of the mining and processing schedule, head grade, strip ratios of waste to ore, operating costs and capital costs. From this information the amount of gold production is calculated and revenues estimated. Operating costs, including royalties and refining charges, and capital costs are entered and a cash flow model is produced, which is used to calculate the net present value of the pre-tax cash flow from the operation or project. This net present value is then compared to the carrying value of the operation or project on the balance sheet and an assessment is made regarding impairment.

Should any key parameters differ from the assumptions contained within the technical economic model, such as tonnes of ore mined, grade of ore mined, recovery profile or gold price, the net present value will be affected either positively or negatively. If the impact is negative, an impairment charge may be required that has not been recognized in these financial statements.

#### **Asset Retirement Provisions**

Restoration costs will be incurred by the Company at the end of the operating life of the Company's facilities and properties. The ultimate restoration liability is uncertain and can vary in response to many factors including changes to relevant legal requirements, the emergence of new restoration techniques, experience at other production sites, or changes in the risk-free discount rate. The expected timing and amount of expenditure can also change in response to changes in reserves or changes in laws and regulations or their interpretation. As a result, there could be significant adjustments to the provisions established which would affect future financial results.

#### Depreciation Rate

Mining properties are depreciated on a straight line basis over the expected life of the mine. The calculation of mine life and depreciation could be impacted to the extent that actual production in the future is different from current forecast production based on proven plus probable reserves. This would generally result from significant changes in any of the factors or assumptions used in estimating reserves.

## **Share Based Payments**

The Company uses the Black-Scholes Option Pricing Model for valuation of share-based compensation. Option pricing models require the input of subjective assumptions including expected price volatility, interest rate, and forfeiture rate. Changes in the input assumptions can materially affect the fair value estimate and the Company's earnings and equity reserves.

# Management's Responsibility for Financial Statements

The information provided in this report, including the consolidated financial statements, is the responsibility of management. In the preparation of these statements, estimates are sometimes necessary to make a determination of future values for certain assets or liabilities. Management believes such estimates have been based on careful judgments and have been properly reflected in the accompanying condensed interim consolidated financial statements.

# Disclosure Controls and Internal Control over Financial Reporting

Management of the Company is responsible for the design and implementation of disclosure controls and procedures and for internal controls over financial reporting ("ICFR") as required by National Instrument 52-109 – Certification of Disclosure in Issuers' Annual and Interim Filings.

The Company's disclosure controls and procedures are designed to provide reasonable assurance that all relevant information is communicated to senior management to allow timely decisions regarding the required disclosure. Management has evaluated the effectiveness of the Company's disclosure controls and procedures. Based upon the results of that evaluation, the Company has concluded that, the Company's disclosure controls and procedures were effective to provide reasonable assurance that the information required to be disclosed by the Company is recorded, processed, summarized and reported, within the appropriate time periods and is accumulated and communicated to management.

The Company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with IFRS as issued by the IASB. The Company's internal control over financial reporting includes policies and procedures that:

- Require maintaining records that accurately and fairly reflect, in reasonable detail, the transactions and dispositions of assets of the Company;
- Provide reasonable assurance that transactions are recorded as necessary for preparation of financial statements in accordance with IFRS:
- Provide reasonable assurance that the Company's receipts and expenditures are made only in accordance with authorizations of management and the Company's Directors; and
- Provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the Company's assets that could have a material effect on the Company's consolidated financial statements.

The Company's internal control over financial reporting may not prevent or detect all misstatements, whether due to error or fraud, because of inherent limitations. A control system, no matter how well designed or operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Additionally, projections of any evaluation of effectiveness for future periods are subject to the risk that controls may become inadequate because of changes in conditions or deterioration in the degree of compliance with the Company's policies and procedures.

There has been no change in the Company's internal control over financial reporting during the quarter ended 31 March 2017 that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting.

## Outstanding Share Data

The Company has an authorized share capital of an unlimited number of no par Ordinary Shares, of which 231,135,028 are issued as at the date of this report. Each share entitles the holder to one vote. All shares of the Company rank equally as to dividends, voting powers and participation in assets upon a dissolution or winding up of the Company.

As at the date of this report, the Company had 900,000 options issued for the benefit of directors, employees and consultants of the Company under the Company's Share Option Plans and the balance were issued in connection with a finance facility. Additionally, 11,556,750 options were to be issued as part of the fees payable to Sherpa in regards to the COFIDE Bridge Loan financing. The options, which will have an exercise price of C\$0.20, are subject to shareholder and regulatory approval. Each option entitles the holder to acquire one Ordinary Share at exercise prices detailed below.

Date of grant	Exercisable from	Exercisable to	Exercise prices	No. of options outstanding
Share Option Plan Issued Options				
15 November 2013	15 November 2013	15 November 2018	£0.1500	900,000
Total				900,000

# Changes in Accounting Policies including Initial Adoption

The Company did not adopt any new accounting policies during the three-month period ended 31 March 2017.

# Subsequent Events

On 3 April 2017 the 1,100,000 options granted on 3 April 2012 expired.

# Management and Board Changes

There was no Management and Board Changes during the three months ended 31 March 2017.

#### Risks

The Company operates in the resource industry, which is highly speculative, and has certain inherent operating, development and exploration risks which could have a negative effect on the Company's operations.

Significant risk factors for the Company include operating, land title, environmental regulations and compliance, litigation, surface rights, health & safety, the ability to obtain additional financing, metal prices, Mineral Reserves and Resources estimates, insurance coverage, infrastructure, key management and staff, legal climate considerations, changes in government policy, geopolitical climate, government, currency, economic, local community, geological, competition, and general business risk. For details of risk factors, please refer to the Company's Annual Information Form filed on SEDAR at <a href="https://www.sedar.com">www.sedar.com</a>.

# Additional Information

Additional information regarding Minera IRL, including Minera IRL's Annual Information Form for the year ended 31 December 2016 is available on the Company's website at <a href="www.minera-irl.com">www.minera-irl.com</a> or on SEDAR at <a href="www.sedar.com">www.sedar.com</a>.

# Cautionary Statement on Forward-Looking Information

Certain information in this MD&A, including information about the Company's financial or operating performance and other statements expressing management's expectations or estimates of future events, performance and exploration and development programs or plans constitute "forward-looking statements". Forward-looking statements often, but not always, are identified by words such as "seek", "believe", "expect", "do not expect", "will", "will not", "intend", "estimate", "anticipate", "plan", "schedule" and similar expressions of a conditional or future oriented nature identify forward-looking statements. Forward-looking statements are, necessarily, based upon a number of estimates and assumptions. While considered, by management, to be reasonable in the context in which they are made forward-looking statements are inherently subject to political, legal, regulatory, business and economic risks and competitive uncertainties and contingencies. The Company cautions readers that forwardlooking statements involve known and unknown risks, uncertainties and other factors that may cause Minera IRL's actual financial results, future performance and results of exploration and development programs and plans to be materially different than those expected or estimated future results, performance or achievements and that forward-looking statements are not guarantees of future performance, results or achievements. Forward-looking statements are made as of the date of this MD&A and Minera IRL assumes no obligation, except as may be required by law, to update or revise them to reflect new events or circumstances. Risks, uncertainties and contingencies and other factors that might cause actual performance to differ from forward-looking statements include, but are not limited to, changes in the price of precious metals and commodities, changes in the relative exchange rates of the US dollar against the Peruvian nuevo sol, interest rates, legislative, political, social or economic developments both within the countries in which the Company operates and in general, contests over title to property, the speculative nature of mineral exploration and development, operating or technical difficulties in connection with the Company's development or exploration programs, increasing costs as a result of inflation or scarcity of human resources and input materials or equipment. Known and unknown risks inherent in the mining business include potential uncertainties related to the title of mineral claims, the accuracy of mineral reserve and resource estimates, metallurgical recoveries, capital and operating costs and the future demand for minerals. Please see Risks, elsewhere herein.

# Qualified Person

Pursuant to National Instrument 43-101, Mr. Francis O'Kelly FIMM, CEng. a Fellow of the UK Institute of Mining and Metallurgy, is the Qualified Person ("QP") responsible for the technical disclosure in this MD&A.

## Non-IFRS Measures

"Total cash costs" includes include costs such as mining, processing and administration (excluding depreciation and amortization) plus applicable royalties, workers' profit participation cost, and other non-site costs (transport and refining of metals, community and environmental costs). These costs are then divided by the ounces sold to arrive at "total cash cost per ounce produced".

"Total all-in sustaining costs" includes "Total cash costs" plus administrative expenses, mine closure accretion, exploration expenses and capital expenditure. These costs are then divided by the ounces sold to arrive at "total all-in sustaining cost per ounce produced".

Both of these measures may vary from one period to another due to operating efficiencies, waste-to-ore ratios, grade of ore processed and gold recovery rates in the period.

Management believes this information is useful to investors because this measure is considered to be a key indicator of a company's ability to generate operating earnings and cash flow from its mining operations. This data is furnished to provide additional information and is a non-GAAP and non-IFRS measure that does not have any standardized meaning prescribed by GAAP or IFRS. It should not be considered in isolation as a substitute for measures of performance prepared in accordance with IFRS, and is not necessarily indicative of operating costs presented under IFRS. The following table reconciles these non-GAAP measures to the consolidated financial statements.

	Er	onth Period Ided March
	2017	2016
Cost of sales	\$5,651	\$5,362
Less:		
Depreciation	827	931
Cash costs	\$4,824	\$4,431
Ounces of gold produced	6,411	5,769
Total cash costs per ounce produced	\$752/oz.	\$768/oz.
Total cash costs plus:		
Administrative expenses	\$383	\$409
Mine closure accretion	114	112
Exploration expenses	8	20
Capital expenditure	472	266
Total all-in Sustaining costs	\$5,801	\$5,238
Ounces of gold produced	6,411	5,769
Total all-in sustaining costs per ounce produced	\$905/oz.	\$908/oz.