



Management's Discussion and Analysis

For the Year Ended December 31, 2021 and 2020



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

This Management Discussion and Analysis (“**MD&A**”) of the financial condition and results of operations of TVI Pacific Inc. (“**TVI**” or “**the Company**”) should be read in conjunction with the audited consolidated financial statements and related notes for the year ended December 31, 2021 and 2020, prepared in accordance with International Financial Reporting Standards (“**IFRS**”) as issued by the International Accounting Standards Board. This MD&A contains forward-looking statements that are subject to risks and uncertainties as discussed under “Forward-looking Statements”.

This MD&A also includes the disclosure of certain non-GAAP financial performance measures, including free cash flow used in operations, free cash outflow and free cash outflow per share. Refer to “Non-GAAP Financial Performance Measures” for further information, including a reconciliation to the comparable IFRS measures. As these non-GAAP financial performance measures do not have standardized meanings under IFRS, they may not be directly comparable to similarly titled measures used by others. Non-GAAP financial performance measures should not be considered in isolation or as a substitute for measures of performance prepared in accordance with IFRS.

All figures in this MD&A are expressed in Canadian dollars unless otherwise indicated. Additional information is available on TVI’s website at www.tvipacific.com or under the Company’s profile on SEDAR’s website at www.sedar.com. Information in this MD&A is as of April 28, 2022 (“**effective date**”).

Forward-looking Statements

Certain information set out herein constitutes forward-looking information. Forward-looking statements are often, but not always, identified by the use of words such as "seek", "anticipate", "plan", "continue", "estimate", "expect", "may", "will", "intend", "could", "might", "should", "believe", "scheduled", "to be", "will be" and similar expressions. Forward-looking statements are based upon the opinions and expectations of TVI as at the effective date of such statements and, in certain cases, information received from or disseminated by third parties. Although the Company believes that the expectations reflected in such forward-looking statements are based upon reasonable assumptions and that information received from or disseminated by third parties is reliable, TVI can give no assurance that those expectations will prove to have been correct.

Accordingly, readers should not place undue reliance upon the forward-looking statements contained in this MD&A and such forward-looking statements should not be interpreted or regarded as guarantees of future outcomes.

Forward-looking statements are subject to certain risks and uncertainties (known and unknown) that could cause actual outcomes to differ materially from those anticipated or implied and should not be read as guarantees of future performance or results. These factors include, but are not limited to, such things as: (i) general economic conditions in Canada, the United States, the Philippines and elsewhere; (ii) volatility of prices for precious metals, base metals, and oil and gas; (iii) commodity supply and demand; (iv) fluctuations in currency and interest rates; (v) inherent risks associated with the exploration and development of mining properties, including but not limited to geological characteristics, metallurgical characteristics of the mineralization, the availability of equipment and facilities necessary to complete development and the ability to develop adequate processing capacity; (vi) the cost of consumables and mining and processing equipment; (vii) unforeseen technological and engineering problems; (viii) inherent risks associated with the exploration of oil and gas properties; (ix) ultimate recoverability of reserves; (x) production, timing, results and costs of exploration and development activities; (xi) political factors, political stability or civil unrest, including but not limited to acts of sabotage or terrorism; (xii) availability of financial resources or third-party financing; (xiii) changes in laws or regulations (domestic or foreign); (xiv) changes in administrative practices; (xv) changes in exploration plans or budgets; (xvi) the availability of skilled labour; (xvii) the failure of parties to contracts with the Company to perform as agreed, including its joint venture partners; (xviii) the impact of the COVID-19 pandemic or similar public health crises; and (xix)



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

extreme weather conditions and forces of nature (i.e. typhoons, heavy rains, earthquakes, and the like) that may disrupt operations and explorations.

Forward-looking statements regarding TVIRD's operations and continuing development works at the Balabag Gold-Silver Mine are based upon, but are not limited to, TVIRD's past operational, construction and project development experience in the region and in such terrain, current and previous exploration activities, discussions with third parties, the availability of financing and TVIRD's overall plans, budget and strategy for Balabag (which are all subject to change).

The forward-looking statements include information relating to opportunities for further exploration and development of the Agata Nickel Laterite Mine and Agata Limestone project, in which TVIRD holds a 60% interest and is operator, and are based upon, but not limited to, TVIRD's past operational, construction and project development experience in the region and in such terrain, current and previous exploration activities and the ability and opportunity to find, determine and confirm addition mineral resource and reserves, discussions with third parties, the availability of financing and TVIRD's overall plans, budget and strategy as may be considered and agreed between TVIRD and its AMVI joint venture partners (which are all subject to change).

Forward-looking statements regarding TVIRD's plans to restart operations at the Siana Gold Mine ("Siana") are based upon, but are not limited to, TVIRD's past operational, construction and project development experience in the region and in such terrain, the condition of and ability to restore and/or replace equipment and infrastructure acquired with the acquisition of Siana, current and previous exploration activities, discussions with third parties, the availability of financing and TVIRD's overall plans, budget and strategy for Siana (which are all subject to change).

Forward-looking statements regarding the Mabilo project are based upon, but are not limited to, TVIRD's past operational, construction and project development experience in the region and in such terrain, current and previous exploration activities, discussions with third parties, the availability of financing and TVIRD's overall plans, budget and strategy for Mabilo as may be considered and agreed between TVIRD and its joint venture partner (which are all subject to change).

Forward-looking information respecting the anticipated timing of various critical events associated with the IPO is based upon various assumptions and factors, including the receipt by TVIRD of all regulatory approvals required to permit the IPO and the listing of the TVIRD shares on the PSE (such as approvals from the SEC and PSE); advice received from professional advisors to TVIRD with respect to legally mandated time frames for various applications and steps/events associated with the IPO; there being no material changes in the business, affairs, capital, prospects or assets of TVIRD prior to completion of the IPO and the listing of the TVIRD shares on the PSE; and satisfaction or waiver of all conditions for the benefit of the underwriter set out in the underwriting agreement between the underwriter and TVIRD.

Forward-looking statements are based upon the opinions and expectations of TVI as at the effective date of such statements and, in certain cases, information received from or disseminated by third parties. Although TVI believes that the expectations reflected in such forward-looking statements are based upon reasonable assumptions and that information received from or disseminated by third parties is reliable, it can give no assurance that those expectations will prove to have been correct. Forward-looking statements are subject to certain risks and uncertainties that could cause actual events or outcomes to differ materially from those anticipated or implied by such forward-looking statements.

The forward-looking statements of TVI contained in this MD&A are expressly qualified, in their entirety, by this cautionary statement. Various risks to which TVI and its affiliates are exposed in the conduct of their business (including but not limited to mining and oil and gas activities) are described in detail in this MD&A under the heading "Risk Factors", any of which could cause actual results to differ materially from the



MANAGEMENT'S DISCUSSION AND ANALYSIS FOR THE YEAR ENDED DECEMBER 31, 2021 AND 2020

projected forward-looking information, and in TVI's Annual Information Form for the year ended December 31, 2021, which was filed on SEDAR on April 28, 2022, and is available on www.sedar.com. Subject to applicable securities laws, TVI does not undertake any obligation to publicly revise the forward-looking statements included in this MD&A to reflect subsequent events or circumstances, except as required by law.

Qualified Persons

Michael Bue, Bsc. Eng, M.Eng, P.Eng, has acted as the Qualified Person in compliance with National Instrument 43-101 Standards of Disclosure for Mineral Projects (“**NI 43-101**”) reporting requirements by virtue of his membership in the Professional Engineers of Ontario and Canadian Institute of Mining and Metallurgy. He has approved any scientific and technical information that may be contained in this document and has confirmed compliance with NI 43-101 requirements.

Additional information on the Company, including the Company's Annual Information Form, is also available on SEDAR at www.sedar.com and on the Company's website at www.tvipacific.com.

Corporate Profile

TVI is a publicly traded Canadian resource company focused on the evaluation and acquisition of interests in resource projects in the Asia Pacific region.

TVI management's track record of success includes putting the first foreign invested mine into production in the Philippines after the passage of the Philippine Mining Act of 1995. From 2004 to 2014, TVI produced 105,200 ounces of gold, 1.8 million ounces of silver, 199,778 tonnes of copper concentrate and 30,558 tonnes of zinc concentrate from the Canatuan mines and was recognized as one of the most responsible miners in the Philippines. Up until 2014, TVI carried out its work through its 100% owned Philippine operating subsidiary, TVI Resource Development (Phils.) Inc. (“**TVIRD**”), of which it has divested control in December 2013 but maintains a 30.66% interest in this joint venture, where TVI has joint control.

TVI management's track record of success has continued with the Agata Nickel/Iron mine, Agata Mining Ventures Inc. (“**AMVI**”), which commenced operations in October 2014 and has since shipped a total of 18.84 million wet metric tonnes of nickel laterite through 346 shipments as at the end of December 2021, 48 shipments of which were completed in 2021 in the amount of 2.61 million wet metric tonnes. AMVI is a joint venture company between TVIRD (60%), Mindoro Resources Ltd. (NEX:MIO.H) (“**Mindoro**”) (15%) and Minimax Mineral Exploration Corporation (“**Minmax**”) (25%), in which TVIRD is operator. The Agata direct shipping Nickel/Iron mine site is strategically located within proximity to main markets in Asia and provides TVIRD the unique advantage to ship all year round. TVIRD is focused on maximizing the production and sale of higher nickel grade saprolite ore in order to secure the highest selling prices and to maximize revenues while producing also high iron limonite ore when market conditions are favorable.

The first shipment of gold doré from TVIRD's 100%-owned Balabag Gold-Silver mine (“**Balabag**”) was completed on September 30, 2021, and through to December 31, 2021, eight (8) shipments had been completed in the amount of 7,444 kg containing 7,734 ounces of Au and 226,780 ounces of Ag for 10,664 gold equivalent ounces. The project is situated approximately 75 kilometers (47 miles) east-northeast of TVIRD's Canatuan mine. Twenty-four-hour operation of the plant was introduced in late August 2021 and activities at site continue to be focused on optimizing the operation and the ramping-up of throughput to 2,000 tonnes per day (“**tpd**”). TVIRD has advised that commercial production was achieved at Balabag effective November 1, 2021. The Tailings Storage Facility (“**TSF**”) continues to be constructed in stages to accommodate progressively increasing mineral resources as they are defined.



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

On November 4, 2021, TVIRD completed its acquisition of 100% of the outstanding equity in Greenstone Resources Corporation (“**GRC**”), the owner and operator of the Siana Gold Mine (“**Siana**”) and the Mapawa Project (“**Mapawa**”), both of which are located in the southern Philippine island of Mindanao. Prior to the acquisition by TVIRD, GRC was the Philippines affiliate of Red 5 Limited (“**Red 5**”) (ASX: RED), a Perth, Western Australian-based gold company, the shares of which are listed on the Australian Securities Exchange (“**ASX**”). Red 5 previously reported in their 2020 Annual Report a combined historical Indicated JORC 2012 mineral resource estimate for the Siana open pit and underground mine of 4.3Mt @ 4.6 g/t Au and 6.8 g/t Ag and combined Inferred JORC 2012 mineral resource estimate for the Siana open pit and underground mine of 0.5Mt @ 8.9 g/t Au and 10.6 g/t Ag. TVI is not treating this as a current mineral resource under National Instrument 43-101 – Standards of Disclosure for Mineral Projects as a qualified person has not done sufficient work to classify the historical estimate as current. TVIRD has been advised that all required permits are in place for the re-commencement of operations and TVIRD has commenced rehabilitation of the plant, the re-establishment of the mine access roads and pit perimeter drainage and the building-up of the in-house fleet of heavy equipment together with pre-stripping and the construction of TSF6.

On March 22, 2022, TVIRD announced that it had acquired an indirect 60% equity interest in Mt. Labo Exploration and Development Corporation (“**MLED**C”) through its acquisition of all of the outstanding capital stock of SageCapital Partners, Inc., a holding company incorporated under the laws of the Philippines. MLED C is a Philippines mining and minerals exploration development company and the owner and operator of the Mabilo Project (“**Mabilo**”). With a near-surface deposit, Mabilo has potential for direct shipping ore (“**DSO**”) operations and it is contemplated that mining will use an open-pit mining method. The Mabilo mineralized deposit is classified as a copper-gold-iron skarn deposit that offers potential for multi-metal products, namely copper, gold and silver, with by-products magnetite (Fe₃O₄) and pyrite (FeS₂). A NI 43-101 Technical Report prepared by Lycopodium Minerals Pty Ltd. and filed on May 2, 2016, under the SEDAR profile of RTG Mining Inc. (“**RTG**”), which holds a 40% interest in MLED C through SRM Gold, reflects a historical Probable Mineral Reserves estimate of 7.8Mt at 2.0% Cu, 2.0g/t Au, 8.8g/t Ag and 45.5% Fe for Mabilo.

As the previous 100% owner of TVIRD, TVI’s focus upon responsible mining established the framework through which TVIRD received and has continued to receive various environmental and safety awards for its exceptional performance, which include:

TVIRD	Record of Awards									
Award	2010	2011	2012	2013	2015*	2016*	2017*	2018*	2019*	2021*
Presidential Mineral Industry Environment Awards (“PMIEA”):										
PMIEA								Agata	Agata	Agata
Platinum	Canatuan		Canatuan				Agata			
Titanium		Canatuan		Canatuan	Agata	Agata				
Safest Mining Operation / Surface Operation										
Winner		Canatuan	Canatuan							
Safest Mineral Processing (Concentrator Category)										
Winner	Canatuan	Canatuan	Canatuan	Canatuan						
Best Mining Forest Award										
2nd Runner Up				Canatuan						
3rd Runner Up	Canatuan		Canatuan							

Notes:

- ❖ TVIRD received awards up through 2013 as operator of the Canatuan Mine and commencing 2015 has received awards as operator of the Agata Mining Ventures Inc. DSO operations since start-up of operations in October 2014. The Presidential



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

Industry Environmental Award ("PMIEA") is the highest award given by the PMIEA Selection Committee ("PMIEA-SC"). Mining companies which fall short of the PMIEA requirements but exhibited excellent performance in environment, safety, health, and social development are awarded with the PMIEA-SC Achievement Awards, namely the Platinum and Titanium awards.

- ❖ TVIRD did not participate in the 2020 awards program.

Up to the end of 2013, TVI consolidated TVIRD as a subsidiary within its financial statements and reported related revenues and cash flows. Following completion in 2014 of the Transactions between TVI and Prime Resources Holdings, Inc. ("**PRHI**"), TVI's interest in TVIRD was reduced to 30.66% and management determined that TVI no longer had control in TVIRD due to the reduction of interest and by virtue of an agreement with PRHI which requires unanimous consent from both parties on decisions concerning relevant activities, resulting in joint control. Consequently, TVIRD and its 100% owned Exploration Drilling Corporation ("**EDCO**") were deconsolidated from TVI's financial statements. The retained interest of approximately 30.66% has subsequently been considered an investment in joint venture to be accounted for using the equity method in the consolidated financial statements of TVI. As such, TVI has, since the end of 2013, not reported any revenues and cash flows of TVIRD directly within its own financial statements but rather captures its share of net income or net loss of TVIRD as Other Income – Share of Income of Joint Venture and adjusts its investment in TVIRD, recorded on TVI Pacific's balance sheet as an investment in joint venture, at each reporting period.

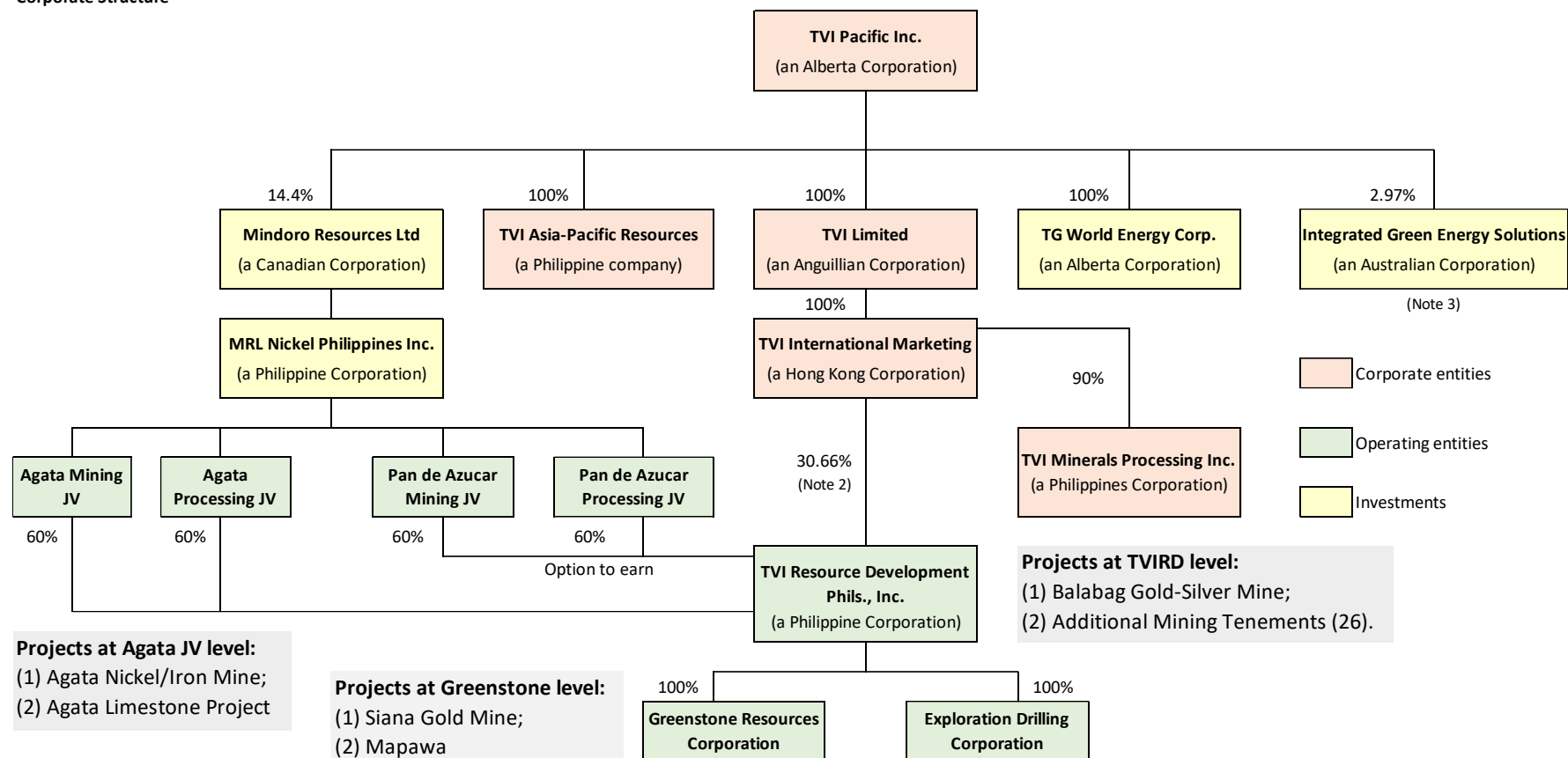
As part of PRHI's 2013 agreement to invest in TVI and TVIRD, the parties agreed that TVIRD would seek a listing on the Philippine Stock Exchange ("**PSE**") following completion of the Transactions. But due primarily to the uncertain environment in which the Philippine mining industry has operated since the nationwide audit of metallic mines was ordered by the Department of Environment and Natural Resources ("**DENR**") Secretary under the Duterte Administration that came into power in June 2016, TVIRD has placed all activities relating to its proposed listing on the PSE and initial public offering ("**IPO**") on hold.

In addition to its interest in TVIRD and other Philippine subsidiaries, TVI directly held at December 31, 2021, a 14.4% equity interest in Mindoro; and a 100% investment in shares of TG World Energy Corp. ("**TG World**").

TVI is presently dependent on possible distributions from its joint venture investment in TVIRD, which the Company does not control. While significant, the TVIRD dividends are not sufficient in and of themselves to enable the Company to fund all aspects of its operations and, accordingly, management is pursuing other financing alternatives to fund the Company's operations and to pursue interests in resource projects in the Asia Pacific region that can be rapidly developed and put into production to generate revenue and cash flows so it can continue as a going concern. Nevertheless, there is no assurance that these initiatives will be successful.

As at December 31, 2021:

**TVI Pacific Inc.
Corporate Structure**



Notes:

- 1) Two non-voting, non-participating redeemable deferred shares are held by Prime Resource Holdings Inc., who also holds 68.42% of TVIRD and 10% of TVI Minerals Processing as well as 5% equity of TVI Pacific Inc.
- 2) TVI Resource Development Phils Inc. - the 30.66% interest is held directly by TVI Pacific Inc. while 68.42% is held by Prime Resource Holdings Inc. (a Philippine corporation) and 0.92% is held by other Class B shareholders.
- 3) Formerly FOY Group Ltd. Shares continue to be held at December 31, 2021, but IGES has been delisted from the ASX and found to be insolvent.

INVESTMENT IN TVI RESOURCE DEVELOPMENT PHILS., INC.

TVIRD is a private Philippine resource company responsible for putting the first foreign-invested mine into production after the passage of the Philippine Mining Act of 1995. This was the Canatuan mine which produced over 105,200 ounces of gold and 1.8 million ounces of silver from 2004 to 2008 and 199,778 dry metric tonnes of copper concentrate and 30,548 dry metric tonnes of zinc concentrate from 2009 to 2014. During the 10-year period in which the Canatuan gold-silver and copper-zinc mines were in production, TVIRD generated over US\$479 million in revenues and US\$180 million in cash flows. TVIRD's Canatuan mining operations also received multiple prestigious awards from the annual Philippine PMIEA ceremony and established TVIRD as a preeminent mining company committed to the highest levels of safety, environmental stewardship and sustainable development.

As at the date of this MD&A, Canatuan is in the process of completing its final rehabilitation activities under the supervision of the Multi-Partite Monitoring Team ("MMT") that includes representatives of the local community, the municipal and provincial government, and the DENR (as representatives of the national government).



Canatuan Tailings Storage Facility – November 2012.



Canatuan Tailings Storage Facility – June 2020

TVIRD is currently focused on maximizing its valuation, which would also maximize its investment value for TVI, by focusing on the following areas of growth:

- Operating the **Agata direct shipping Nickel/Iron Mine** while continuing to expand reserves.
- Operating while continuing ramp-up of gold production at its newly producing **Balabag Gold-Silver Mine** while adding additional reserves through ongoing exploration.
- Advancing development and a restart of operations at its newly acquired **Siana Gold Mine**.
- Advancing the **Mabilo Project** towards development and production.
- Advancing the **Agata Limestone Projects** toward development and production.
- Repeating its success by exploring and developing its large portfolio of exploration/development tenements while continuing to search for new resource properties that can be acquired, rapidly developed and placed into production.
- Progressing plans to list on the PSE.

TVIRD continues to monitor the DENR's position on various mining policies since having placed efforts to complete a PSE listing and IPO on hold following the election of the Administration of President Rodrigo



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

Duterte in May 2016 (see RISK FACTORS: POLITICAL AND REGULATORY RISKS IN THE PHILIPPINES RELATED TO INVESTMENT IN TVIRD for additional information).

TVIRD has issued the following cash dividends to date, all of which have been received by TVI International Marketing Limited (“**TVI Marketing**”), a subsidiary of TVI, as the direct shareholder of TVIRD:

Date Received	Total TVIRD Dividend Declared		Total TVI International Marketing Share			
	PHP (millions)	\$CAD (thousands)	Prior to Philippine Dividend Tax		Net of Philippine Dividend Tax	
			PHP (millions)	\$CAD (thousands)	PHP (millions)	\$CAD (thousands)
Total 2017 Dividends	185.0	\$ 4,747.6	56.7	\$ 1,454.2	48.2	\$ 1,236.1
Total 2018 Dividends	60.0	\$ 1,480.1	18.4	\$ 454.0	15.6	\$ 386.1
Total 2019 Dividends	60.0	\$ 1,532.1	18.4	\$ 469.8	15.6	\$ 399.3
Total 2020 Dividends	129.0	\$ 3,446.8	39.6	\$ 1,056.8	33.6	\$ 898.3
May 17, 2021	60.0	\$ 1,514.2	18.4	\$ 464.3	15.6	\$ 394.7
September 23, 2021	60.0	\$ 1,514.3	18.4	\$ 464.4	15.6	\$ 394.7
December 7, 2021	62.4	\$ 1,567.6	19.1	\$ 480.6	16.3	\$ 408.5
Total 2021 Dividends	182.4	\$ 4,596.1	55.9	\$ 1,409.3	47.5	\$ 1,197.9
April 18, 2022	60.0	\$ 1,447.1	18.4	\$ 443.7	15.6	\$ 377.1
Total 2022 Dividends	60.0	\$ 1,447.1	18.4	\$ 443.7	15.6	\$ 377.1
Total Dividends	676.4	\$ 17,249.8	207.4	\$ 5,287.8	176.1	\$ 4,494.8

Withholding tax is 15%

All dividends received by TVI Marketing from TVIRD have been transferred through to TVI Pacific as a repayment of intercompany advances. TVI cannot independently control the declaration and payment of dividends from TVIRD as such decision requires both joint venture partners to approve. The Omnibus Loan and Surety Agreement concluded with China Banking Corporation and announced by TVI Pacific on October 22, 2019 that provided for a US \$28.5 million principal amount 5-year term loan facility (the “**Facility**”) does not preclude the declaration and payment of dividends by TVIRD but does require that TVIRD provide prior notice to China Banking Corporation to certify that TVIRD is in compliance with various terms associated with the Facility provided in relation to Balabag. Since the announcement of the Facility, TVIRD has issued seven (7) dividends as at the date of this MD&A for a total amount of Php 371.4 million (\$9.4 million), of which TVI has received its share equal to Php 113.9 million (\$2.9 million) prior to Philippine dividend tax.

Balabag Gold and Silver Mine

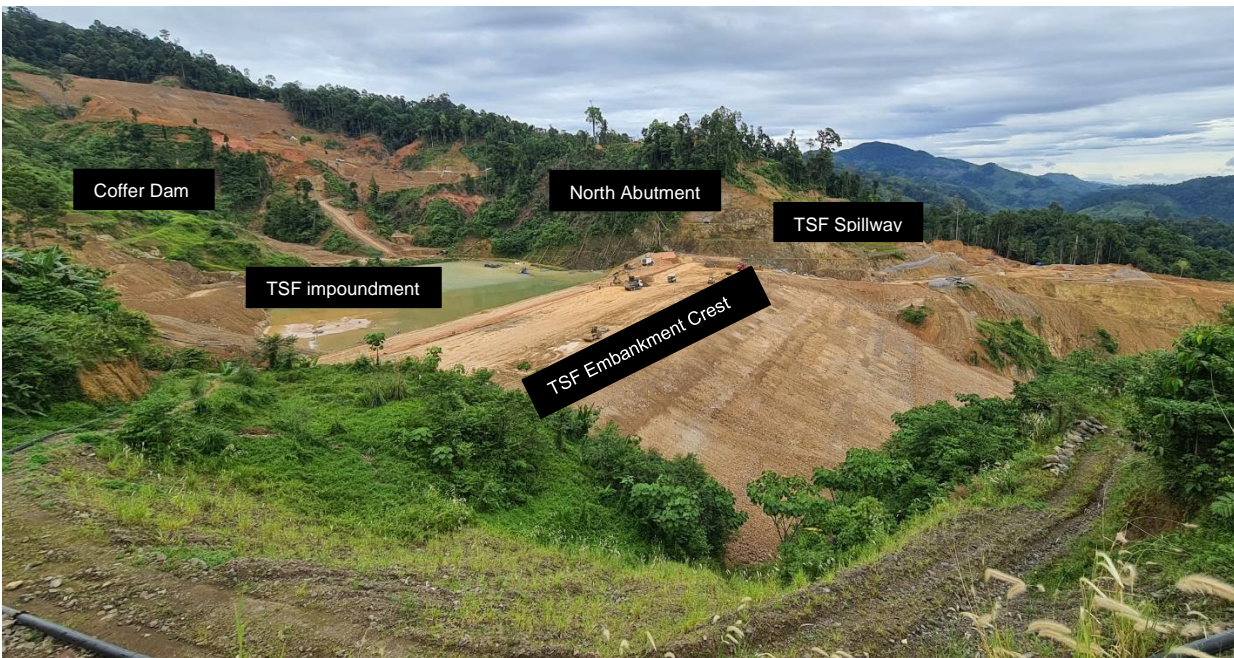
TVIRD owns 100% of Balabag. The mine covers a 4,779-hectare MPSA (MPSA No. 086-1997-IX) located within the Municipality of Bayog, Province of Zamboanga del Sur and Municipalities of Diplahan and Kabasalan, Province of Zamboanga Sibugay, Mindanao, Philippines. The term of the MPSA was extended on March 19, 2021, by the DENR for an additional twenty-five (25) year period through to November 20, 2047, following receipt of a passing grade on the Tenements, Social, Health, Environmental, Social (“**TSHES**”) audit. The mine is situated approximately 75 kilometers (47 miles) east-northeast of TVIRD’s Canatuan mine.

The first shipment of gold doré from Balabag was completed on September 30, 2021, and through to December 31, 2021, eight (8) shipments had been completed in the amount of 7,444 kg containing 7,734 ounces of Au and 226,780 ounces of Ag for 10,664 gold equivalent ounces. As at the effective date of this MD&A, Balabag has completed fourteen (14) shipments in the amount of 14,187 kg containing 15,470 ounces of Au and 430,918 ounces of Ag for 21,016 gold equivalent ounces.

Twenty-four-hour operation of the plant was introduced in late August 2021 and TVIRD has advised that commercial production was achieved at Balabag effective November 1, 2021. Activities at site continue to be focused on optimizing the operation and the ramping-up of throughput to 2,000 tpd.

Head grades averaged 1.9 g/t Au and 68.9 g/t Ag in the year 2021 since start-up in July 2021 and recoveries over the same period averaged 88% for Au and 69% for Ag. Balabag mill plant (“**Plant**”) availability through December 2021 was 70% at an average processing rate of 1,101 tpd as adjustments to the process and plant commissioning works have continued, resulting in an improved availability rate of 77% at an average processing rate of 1,400 tpd through the first quarter of 2022 with average head grades through this period of 1.8 g/t Au and 69.5 g/t Ag.

Plant commissioning works in July 2021 included the first discharge of tails to Stage 1 of the TSF, which continues to be constructed in stages to accommodate progressively increasing mineral resources as they may be defined and the ramp-up of production. The current focus of construction continues to be the completion of Stage 2 of the TSF while planning for construction of Stage 3 has commenced.



View of TSF construction progress on March 27, 2022.



Installation of Pump #6 at the TSF on April 5, 2022.



Clearing of diversion channel for concrete backfilling and gabion installation for RL 449 on April 19, 2022.

Continuing placement activities to RL 455 on March 15, 2022.



TVIRD has thus far made five (5) payments against the 5-year term loan with China Banking Corporation (“**Facility**”), each in the amount of US \$2.2 million and each including an approximate US \$0.3 million of interest, bringing the total principal repaid to date against the US \$28.5 million Facility to US \$9.5 million. The purpose of the Facility has been to finance development activities at Balabag. The remaining capital expenditure requirement until the end of mine life is expected to be funded directly by Balabag operations. TVI does not currently have any spending commitments with respect to Balabag. TVIRD is not funded by new shareholder capital or shareholder loans and TVIRD does not have the contractual right to compel TVI to provide any funding.

Since commencing its own drilling program at Balabag in November 2005, TVIRD has drilled to date 428 drillholes with a total meterage of 47,521.35 meters as of December 31, 2021, inclusive of the Phase 5B drilling program announced on December 20, 2021. TVIRD has also commenced its Phase 6 drilling program in the first quarter of 2022 and has completed a further 25 drillholes with a total meterage of 2,120.70 meters as of March 31, 2022. Drilling results only through to completion of Phase 4 have been used to update the resource model presented in the updated Technical Report entitled “NI 43-101 Exploration Results and Mineral Resource Update Report on the Balabag Gold-Silver Project” prepared in accordance with National Instrument 43-101 – Standards of Disclosure for Mineral Projects (“**NI 43-101**”) and filed under the Company’s profile on SEDAR on July 20, 2021.

The estimated Measured and Indicated Mineral Resource for the Balabag mine as presented in the NI 43-101 Technical Report and using a cut-off grade of 0.4 g/t AuEq is 4.35 million tonnes at 1.78 g/t Au and 43.08 g/t Ag for 2.36 g/t AuEq. This is equivalent to an approximate 331,000 AuEq oz at metal prices of US\$1,500/oz Au and US\$20/oz Ag. The estimated Inferred Resource is 141,000 tonnes at 2.78 g/t Au and 64.11 g/t Ag for 3.63 g/t AuEq, using a cut-off grade of 0.4 g/t AuEq.

Category	Tonnage	Au (g/t)	Ag (g/t)	AuEq (g/t)	AuEq (oz)
Measured	3,016,143	1.80	50.80	2.48	241,000
Indicated	1,338,029	1.74	25.69	2.08	90,000
Total	4,354,172	1.78	43.08	2.36	331,000
Inferred	140,919	2.78	64.11	3.63	16,000

The foregoing is a summary only of information contained in the full Updated NI 43-101 and represents an estimate; actual results may differ materially. Readers should refer to the full Updated NI 43-101 for more detail concerning the information summarized in the above table.

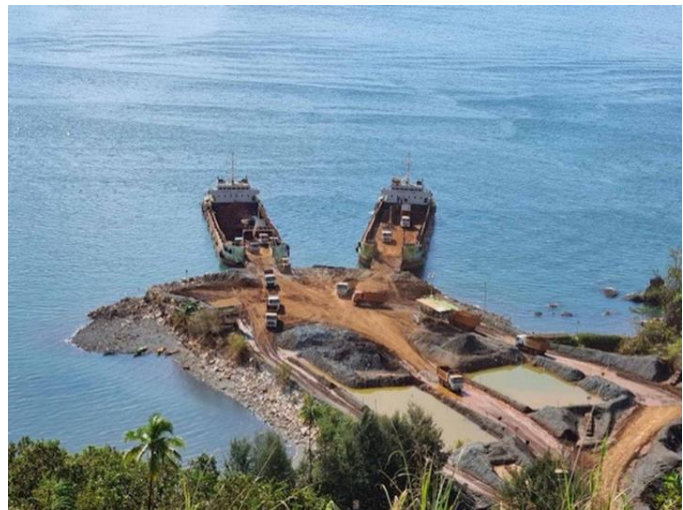
The results of both Phase 5A and 5B drilling programs have provided more geological information that supports the downdip extension of the Lalab vein system and the potential extension of veins to the east at Miswi and to the west at Tinago, in addition to the occurrence of shallow, oxidized enriched gold mineralization in the Daguman area, further to the northern portion of the Balabag Hill. Data from both Phase 5A and 5B continues to be analyzed to assess its impact on the estimated Measured and Indicated Mineral Resource presented in the NI 43-101 Technical Report filed under the Company's profile on SEDAR on July 20, 2021. The Phase 6 drilling program has commenced in the first quarter of 2022 and is to include additional in-fill drilling and follow-up mapping of Balabag and its immediately surrounding area with the primary focus to more thoroughly explore and further define resources for possible expansion of the ultimate pit limit. As at March 31, 2022, 25 drillholes of an planned 49 drillholes have been completed with a total actual meterage of 2,120.70 meters (plan 4,500 meters).

TVI Pacific wishes to clarify that in making the decision to put Balabag into production, TVIRD, a Philippine corporation that the Company does not control, relied exclusively on technical and economic analysis prepared under Philippine regulations and did not rely on any feasibility study classifying mineral reserves prepared in accordance with NI 43-101. Historically such projects have a much higher risk of economic and technical failure.

Agata Nickel/Iron Mine

TVIRD holds a 60% interest in and is operator of the Agata direct shipping Nickel/Iron mine, AMVI, which commenced operations in October 2014 and includes Mindoro (15%) and Minimax (25%).

AMVI has completed a total project-to-date of 346 shipments of 18.84 million wet metric tonnes of nickel laterite through to December 31, 2021, 48 shipments of which were completed in 2021 in the amount of 2.61 million wet metric tonnes. The Agata site is situated in a 4,995 hectare MPSA area located in the adjacent municipalities of Tubay, Jabonga and Santiago in Agusan del Norte province.



The project mine site is located 3.5 km from AMVI's private port, which is strategically located within proximity to main markets in Asia and AMVI has the unique advantage to ship all year round from the Agata Nickel/Iron mine.

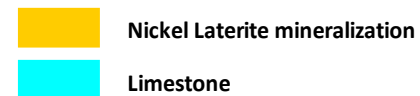
Agata Limestone Project

The Agata Limestone project is held by AMVI (in which TVIRD has a 60% interest) and is located in the same 4,995-hectare MPSA area as the Agata Nickel Laterite project. Due to the project's close proximity to the causeway where materials will be shipped, potential operations will benefit from having low transport and handling costs.



AMVI is currently considering two alternatives to proceed, which include:

- To self-finance the construction and commissioning of the plant and to separately negotiate an offtake agreement; or,
- To negotiate with a potential offtaker to finance the project into production with AMVI retaining majority ownership and operating control while the offtaker would have the exclusive right to market and sell the limestone products.

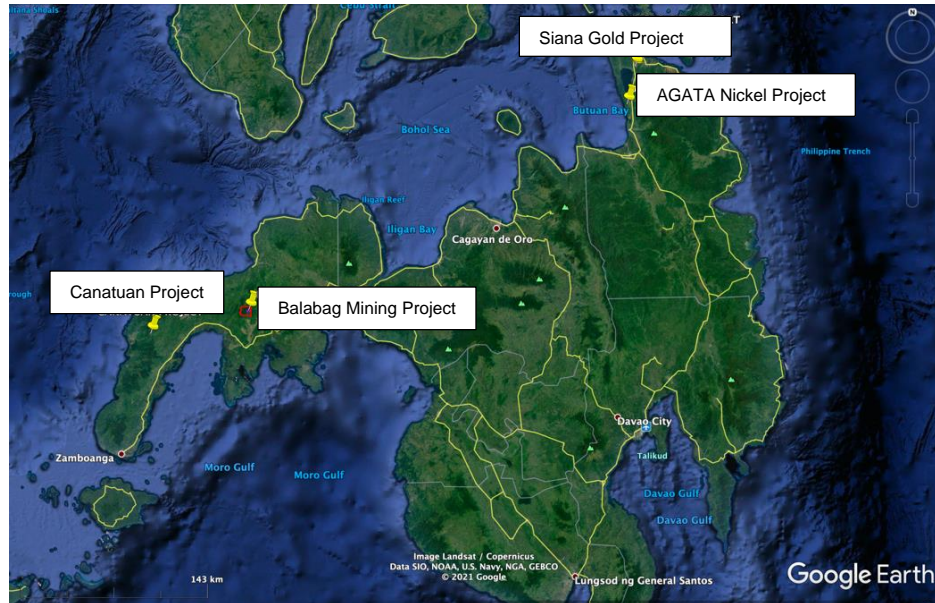


Having satisfied the requirements of the Presidential Decree No.1586 (Establishing an Environmental Impact Statement System) and its Environmental Impact Assessment Review Committee, AMVI received on June 1, 2021, the Environmental Compliance Certificate (“**ECC**”) for the Agata Limestone project that is valid through to May 31, 2026, assuming the MPSA is extended beyond its current expiry date of May 2024. Endorsements from the required local government unit (“**LGU**”) have been received for the project and the balance of the permitting process is continuing.

Siana Gold Mine

TVIRD owns 100% of Siana through its 100%-owned subsidiary, GRC. The mine covers a 3,289-hectare MPSA (MPSA No. 184-2002-XIII) in addition to 100% of the neighboring 1,482-hectare MPSA No. 280-2009-XIII for the Mapawa Project and the Ferrer Claim (as covered by the Application for Mineral Production Sharing Agreement No. A000046 and comprising of one Block of 595 hectares). The Siana MPSA was granted on December 11, 2002 and registered with the Philippine Mines and Geoscience Bureau (“**MGB**”) on December 27, 2002 for a term of 25 years. Siana is located along the Surigao Valley Fault, a major mineral structure, which is a part of the major Philippine Fault or Rift Zone. The Rift Zone constitutes multiple epithermal gold and porphyry-type copper-gold mineral deposits.

Siana is located in Tubod, Surigao del Norte, approximately 35 kilometers from Surigao City and near to Lake Mainit, while Mapawa is located 20 kilometers north of Siana and has the potential to be developed as a satellite source of ore feed for the Siana processing plant.



As noted in previous announcements, the Siana Mine was acquired by TVIRD complete with the following infrastructure:

- A modern 1.1mtpa Outotec mill, gravity and CIL mill facility commissioned in 2012 at a capital cost of US \$54 million that includes a single stage SAG mill and 6 CIL tanks;
- Grid power with backup 8MW diesel fired power station; and,
- Administration building, warehouse, mess hall, camp facilities and accommodation, engineering building and maintenance facilities.

Prior to the acquisition by TVIRD, GRC was the Philippines affiliate of Red 5 Limited (“Red 5”) (ASX: RED), a Perth, Western Australian-based gold company, the shares of which are listed on the Australian Securities Exchange.

Red 5 has advised TVIRD that GRC has spent over US \$200 million, to date, in its efforts to develop Siana. TVIRD has also been advised that all of the mining and processing facilities and required permits are in place for re-commencement of operations. Siana has the only modern gold plant in the region with the potential to establish Siana as a processing center for other nearby prospects/gold deposits.

Aerial view of the Siana Gold Processing Plant on February 7, 2022.



Rehabilitation of the plant at Siana is proceeding and includes the restoration and repair of the process plant equipment starting with the crushing circuit. The team has now completed the recovery of the barren carbon from the CIL tanks and this will allow access to the necessary repairs of this section. The carbon will be subjected to attrition testing and re-activation for reuse. Other focus areas include inspection and repair of flowmeters and instrumentation, the installation of roofing of the quick lime and hydrated lime, met lab, assay lab and compressor buildings and the re-establishment of the mine's access roads and the pit's perimeter drainage along with the building-up of the in-house fleet of heavy equipment.

Pre-stripping has commenced in the first quarter of 2022, together with TSF6 road construction and the clearing of the TSF6 basin. Construction of TSF6 forms part of the critical path to the restart of operations.



TSF6 construction at Siana Gold Mine on March 29, 2022.

Red 5 has previously published underground and open pit mineral resource and mineral reserve estimates for Siana and mineral resource estimates for Mapawa. These estimates, detailed below, were prepared using the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves

(the "JORC Code" or "JORC 2012"). No estimates for either Siana or Mapawa have been prepared using the 2014 definition standards published by the Canadian Institute of Mining Metallurgy and Petroleum ("**CIM 2014 Standard**") and no technical report supporting this estimate has been prepared in accordance with NI 43-101. A "qualified person" (as defined in NI 43-101) has not done sufficient work to classify any of these mineral resource or mineral reserve estimates as current. As a result, the Company is treating the following estimates as historical in nature and not current mineral resources or mineral reserves, and they should not be relied upon. There are certain differences between the JORC Code and the CIM 2014 Standard described further below.



Red 5 announced on February 23, 2016 that Mining One Pty Ltd had completed a JORC 2012 underground mineral resource and reserves estimate using a 2.4 g/t gold cut-off that was then subsequently reviewed annually by Red 5 and most recently confirmed in their Annual Report at June 30, 2020. Further to the ASX announcement released by Red 5 on January 11, 2016, the database for the Siana resource estimate included 109 holes and approximately 47,300 meters in addition to 79 historic holes drilled by Suricon between 1980 and 1990 for approximately 10,600 meters. The database also includes a further 10,417 grade control channel samples conducted by GRC prior to April 2013.

Construction of main access portal at the Siana Underground Mine.
Source: Red 5 Limited March 2017 Quarterly Activities Report, dated April 28, 2017.

The Red 5 2020 Annual Report as at June 30, 2020 reports the JORC 2012 underground mineral resource and reserves estimate to be:

SIANA JORC 2012 UNDERGROUND MINERAL RESOURCE as at June 30, 2020:

Classification	Cut-off Gold	Tonnes	Gold	Silver	Contained Gold	Contained Silver
	(g/t)	(kt)	(g/t)	(g/t)	(koz)	(koz)
Indicated	2.4	3,400	5.2	7.2	566	779
Inferred	2.4	500	9.3	11.2	153	186
Total	2.4	3,900	5.7	7.7	719	965

SIANA JORC 2012 UNDERGROUND ORE RESERVE as at June 30, 2020:

Classification	Cut-off Gold	Tonnes	Gold	Silver	Contained Gold	Contained Silver
	(g/t)	(kt)	(g/t)	(g/t)	(koz)	(koz)
Probable	2.4	3,010	4.1	6.7	396	644
Total	2.4	3,010	4.1	6.7	396	644

Source: Red 5 Limited 2020 Annual Report

In the Red 5 Annual Report at June 30, 2020, and due to what Red 5 has reported as pending construction of additional tailings storage capacity, no updated JORC 2012 reserve estimate is reported for the Siana open pit as at that date. As such, Red 5 has reported the open pit mineral resource and reserve estimate as at June 30, 2020 to be:



Mining west wall at Siana Gold Project.

Source: Red 5 Limited September 2015 Quarterly Activities Report.

SIANA JORC 2012 OPEN PIT MINERAL RESOURCE as at June 30, 2020:

Classification	Cut-off Gold	Tonnes	Gold	Silver	Contained Gold	Contained Silver
	(g/t)	(kt)	(g/t)	(g/t)	(koz)	(koz)
Indicated	0.7	650	3.7	7.9	77	164
Inferred	0.7	30	2.8	1.2	3	1
ROM Stockpile	0.7	290	1.1	6.6	10	61
Total	0.7	970	2.9	7.3	90	226

SIANA JORC 2012 OPEN PIT ORE RESERVE as at June 30, 2020:

Classification	Cut-off Gold	Tonnes	Gold	Silver	Contained Gold	Contained Silver
	(g/t)	(kt)	(g/t)	(g/t)	(koz)	(koz)
Probable	-	-	-	-	-	-
ROM Stockpile	0.7	290	1.1	6.6	10	61
Total	0.7	290	1.1	6.6	10	61

Source: Red 5 Limited 2020 Annual Report

In summary, and further to the above tables as included in the Red 5 2020 Annual Report, the Siana open pit and underground mine have at June 30, 2020, a combined Indicated JORC 2012 mineral resource estimate of 4.3Mt @ 4.6 g/t Au and 6.8 g/t Ag and combined Inferred JORC 2012 mineral resource estimate of 0.5Mt @ 8.9 g/t Au and 10.6 g/t Ag. TVI is not treating this as a current mineral resource under NI 43-101 as a qualified person has not done sufficient work to classify the historical estimate as current, and the estimates should not be relied upon.

Red 5 also reported in the 2016 Annual Report that Mapawa hosts a known gold porphyry system with a number of significant gold occurrences throughout the project area and thereby considered the area to have significant potential.

Red 5 announced on June 14, 2016 that an inaugural JORC 2012 mineral resource estimate had been completed for Mapawa by Optiro Pty. Ltd., an independent group of Australian geological consultants who reported the following on a dry tonne basis based on a 0.7g/t gold cut-off and taking into account historic mining depletion:



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

MAPAWA JORC 2012 OPEN PIT MINERAL RESOURCE as at June 30, 2020

Classification	Cut-off Gold	Tonnes	Gold	Silver	Contained Gold	Contained Silver
	(g/t)	(kt)	(g/t)	(g/t)	(koz)	(koz)
Indicated	0.7	3,270	1.0	3.5	103	371
Inferred	0.7	5,560	1.0	2.5	185	438
Total	0.7	8,830	1.02	2.9	288	809

Source: Red 5 Limited 2020 Annual Report

Red 5 reported that the Mapawa JORC 2012 mineral resource estimate was calculated based on a total of 78 diamond core drill-holes totaling 13,798 meters of drilling, comprising 5,628 meters of historical drilling completed by Suricon and 8,170 meters of additional diamond drilling completed by GRC.

As noted above, TVI is not treating the estimates reported for Siana and Mapawa as current mineral resources as a qualified person acting in compliance with NI 43-101 reporting requirements has not done sufficient work to classify these estimates as current resources, has not verified this information and these estimates should not be relied upon. The historical estimates are believed to be based on reasonable assumptions, and neither the Company nor the qualified person responsible for the scientific and technical content of the summary provided here has any reason to contest their relevance and reliability.

TVIRD currently does not plan to conduct any work to verify the historical estimates other than using them to guide its exploration, resource modeling and possible development work.

TVIRD is presently assessing the GRC resource model, mine development and production plan for Siana in order to develop its own plan in furtherance of a potential recommencement of operations. TVIRD is evaluating steps that would be required to upgrade or verify the foregoing historical estimates as current under NI 43-101 standards, which would include a review of past drill results and Quality Assurance/Quality Control procedures applied as well as possibly resource modeling with the involvement of a qualified person.

Mabilo Project

TVIRD announced on March 22, 2022, that it had acquired an indirect 60% equity interest in Mt. Labo Exploration and Development Corporation (“**MLEDC**”) through its acquisition of all of the outstanding capital stock of SageCapital Partners, Inc., a holding company incorporated under the laws of the Philippines. MLEDC is a Philippines mining and minerals exploration development company and the owner and operator of the Mabilo Project (“**Mabilo**”).

Mabilo is located in Camarines Norte Province, Eastern Luzon, Philippines, one of the major traditional gold mining centers in the Philippines, and is covered by Philippines MPSA MLC-MRD V-459 Amended (Renewal) and two (2) additional blocks with an existing Exploration Permit (EP-019-202-V), covering 3,484.2 hectares and 165.9 hectares. Both the Declaration of Mining Project Feasibility (“**DMPF**”) and the ECC were approved in 2020. With a near-surface deposit, Mabilo has potential for DSO and it is contemplated that mining will use an open-pit mining method. The Mabilo mineralized deposit is classified as a copper-gold-iron skarn deposit that offers potential for multi-metal products, namely copper, gold and silver, with by-products magnetite (Fe₃O₄) and pyrite (FeS₂).

MLEDC prepared a feasibility study on Mabilo in May of 2016 (“**Feasibility Study**”), which Feasibility Study was supported by a technical report entitled "Mabilo Project National Instrument 43-101 Technical Report" prepared by Lycopodium Minerals Pty Ltd. (“**Lycopodium**”) dated and filed on May 2, 2016, with a mineral reserve and mineral resource effective date of November 2015. RTG Mining Inc. (“**RTG**”), which holds a



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

40% interest in MLEDC through SRM Gold, has filed the Technical Report under RTG's SEDAR profile (the "**Mabilo Technical Report**"). RTG is an Australia-based mining and exploration company with a principal listing on the Toronto Stock Exchange (TSX:RTG) and a secondary listing on the Australian Stock Exchange (ASX:RTG)

RTG announced that the following Mineral Resource estimate was prepared by independent resource consultancy, CSA Global Pty Ltd ("**CSA Global**") and is based on data obtained from 99 diamond drillholes (18,201 meters) completed as of the end of September 2015 and a 0.3 g/t Au or 0.3% Cu grade cut-off. Holes were drilled on a nominal 40 meter by 40 meter drill pattern along strike, with infill to a nominal 20 meter by 20 meter in parts.

Mineral Resource Estimate as at November 2015

Classification	Million Tonnes	Cu %	Au g/t	Ag g/t	Fe %	Cu Metal (Kt)	Au Oz ('000s)	Fe Metal (Kt)
Indicated	8.9	1.9	2.0	9.8	45.6	169.3	577.6	4,034.5
Inferred	3.9	1.5	1.5	9.1	29.0	58.0	184.9	1,134.1
Total	12.8	1.8	1.9	9.6	40.5	227.3	762.5	5,168.6

The Mabilo Technical Report Prepared by Lycopodium reflects a historical Probable Mineral Reserves estimate of 7.8Mt at 2.0% Cu, 2.0g/t Au, 8.8g/t Ag and 45.5% Fe., as summarized in the table below.

Probable Mineral Reserve Estimate

		Ore					Waste	Strip Ratio
Class	Type	Mt	Fe %	Au g/t	Cu %	Ag g/t	Mt	
Probable	Gold cap	0.351	40.1	3.11	0.38	3.26	77.13	10
	Supergene	0.104	36.5	2.20	20.70	11.90		
	Oxide Scarn	0.182	43.6	2.52	4.17	19.90		
	Fresh	7.155	45.9	1.97	1.70	8.73		
Total Probable Ore		7.792	45.5	2.04	1.95	8.79		

Metal price assumptions applied in the Mabilo Technical Report were US\$5,200/tonne for Cu, US\$1,125/oz for Au, US\$15/oz for Ag and US\$65/tonne for magnetite. TVI considers the Mabilo Technical Report no longer current and cautions that it should not be relied upon.

TVI is not treating either the Mineral Resource estimate or the Probable Mineral Reserve estimate as current under National Instrument 43-101 – Standards of Disclosure for Mineral Projects ("**NI 43-101**") as a qualified person has not done sufficient work to classify the historical estimate as current, and the estimates should not be relied upon. Though historical, the estimates are fairly recent and were prepared to NI 43-101 standards, and TVIRD thus has no reason to believe they are not reliable within the context that they were initially prepared.

Qualified persons have not done sufficient work under NI 43-101 to verify the results of the Feasibility Study or to render it current and complete under NI 43-101, and therefore details of the Feasibility Study are not included in this news release. TVIRD currently does not plan to conduct any work to verify the historical estimates other than using them to guide its exploration, resource modeling and possible development work. At the appropriate time, TVIRD plans to assess the mine development and production plan as included in the Feasibility Study in order to develop its own plan for further exploration and possible development. TVIRD is evaluating steps that would be required to upgrade or verify the foregoing historical estimates as current under NI 43-101 standards, which would include a review of past drill results and Quality Assurance/Quality Control procedures applied as well as possibly resource modeling with the involvement of a qualified person.



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

Mr. Michael James Bue, Bsc. Eng, M.Eng, P.Eng, a "qualified person" for the purposes of NI 43-101 has reviewed the Mabilo Technical Report on behalf of TVI. To the best of the knowledge, information and belief of TVI, there is no new material scientific or technical information that would make the disclosure of the Mineral Resources in this release inaccurate or misleading. Revisions to the Mabilo Technical Report are required to reflect current technical advances, environmental standards and economic parameters. As a result, TVI considers the Feasibility Study and accompanying Mabilo Technical Report to be no longer current and should not be relied upon.

The scientific and technical content of the above description of Mabilo has been sourced from publicly available documents filed under RTG's SEDAR profile (that may be accessed at <https://www.sedar.com/>) and ASX profile (that may be accessed at <https://www2.asx.com.au/markets/company/RTG>).

Additional information related to the Mabilo Project may be found on the TVIRD website at <https://tvird.com.ph/>.

Additional Mining Tenements

TVIRD currently owns the rights to an additional 26 mining tenements located primarily in the Zamboanga and Caraga regions of the Philippines that it has recently prioritized based on tenement status, exploration status, LGU and community support and available infrastructure. Various activities have been planned for those tenements identified as a key priority and include scout and definition drilling, ground verification of anomalies and grid soil sampling, geological and tunnel mapping and sampling. A key focus in 2022 is expected to be exploration works on the Malusok area at Canatuan.

Carrying value of investment in TVIRD

The carrying value of the investment in joint venture is \$28,916,923 as at December 31, 2021, adjusted from the balance reported at December 31, 2020 to account for TVI's proportionate share of net income realized by the Philippine entities during the twelve months ended December 31, 2021, as well as TVI's proportionate share of other comprehensive income (loss) arising from foreign exchange revaluation of TVIRD's stockholder's equity and the receipt of dividends from joint venture, as reflected in the table below:

	December 31, 2021	
Investment in joint venture at January 1, 2020	\$	13,849,841
Share of net income		4,513,227
Share of other comprehensive loss ⁽¹⁾		(87,513)
Foreign exchange revaluation of other comprehensive income		697,623
Cash dividends received, net of Philippine taxes		(898,398)
Investment in joint venture at December 31, 2020		18,074,780
Share of net income		4,458,345
Share of bargain purchase gain on acquisition of Siana		9,200,325
Share of other comprehensive loss (1)		(25,009)
Foreign exchange revaluation of other comprehensive income		(1,593,584)
Cash dividends received, net of Philippine taxes		(1,197,934)
Investment in joint venture at December 31, 2021	\$	28,916,923

⁽¹⁾ Other comprehensive income (loss) is generated by the conversion from Philippine pesos of the Philippine books to \$CAD equivalent.

INVESTMENT IN MINDORO

Mindoro (NEX:MIO.H) is a publicly listed company incorporated in Canada and with shares listed on the NEX. The trading of common shares of Mindoro has been suspended since the date Mindoro announced



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

its move to the NEX for failure to maintain the requirements for a TSX Venture Exchange Tier 2 company (January 26, 2018). The annual reporting period of Mindoro ends as at December 31.

As at December 31, 2021, TVI owns 42,779,353 shares of Mindoro, representing a 14.4% holding in the capital of Mindoro.

Although TVI holds less than 20% of the equity shares of Mindoro as at December 31, 2021, TVI has determined that it has significant influence by virtue of its right to have representation on the Board of Directors of the Mindoro and various other contractual terms.

More information on TVI's transactional history with Mindoro is available in TVI's previous MD&As dating back to November 8, 2012.

INVESTMENT IN INTEGRATED GREEN ENERGY SOLUTIONS LTD

Integrated Green Energy Solutions Limited ("IGES"), as the entity was called since August 2017 when the name was changed from FOY Group Limited (which was also a newly registered name since August 2015 and a change from Foyson Resources Limited, in which TVI initially invested in August 2012), was most recently involved with the commercialization of plastics-to-diesel technology and, in particular, a patented plastic to fuels process that IGES reported would result in a range of fuels and products specific to the many site locations it had planned to develop. IGES was removed from the official list of the ASX on August 27, 2021 and has been found to be insolvent.

Prior to being removed from the ASX in 2021, the ASX suspended IGES from trading its securities in January 2020 under Listing Rule 17.3 pending further enquiries by the ASX on issues of funding, following which TVI wrote-down to nil the fair market value of its equity interest in IGES further to an IGES report at that time that also reflected the entity's negative net asset position together with news of a creditor's statutory demand placed against the entity by an investor.

TVI continues to hold 11,705,894 shares of IGES (2.97% direct equity interest) at December 31, 2021.

More information on TVI's transactional history with IGES is available in TVI's previous MD&As dating back to November 8, 2012.

Carrying value of investments in Mindoro and IGES

The carrying value of TVI's investment in Mindoro was reduced to nil in March 2014 as a result of recording TVI's proportionate share of net losses since having acquired the investment. As at December 31, 2021, a further proportionate share of net losses has been incurred by Mindoro and will offset any future proportionate share of net income that Mindoro may realize.

TVI measures its investment in IGES as an investment in equity securities at Fair Value Through Profit & Loss ("FVTPL") under IFRS 9. Though TVI continues to hold 11,705,894 shares of IGES (2.97% direct equity interest) at December 31, 2021, the Company has written-down to nil its equity interest in IGES at December 31, 2020 following the suspension from trading of IGES securities announced by the ASX on January 20, 2020, under Listing Rule 17.3 pending further enquiries by the ASX on issues of funding. At the time of write-down, TVI also considered in the valuation of its investment the negative net asset position of IGES as reflected in IGES reports at that time as well as a claim placed against IGES as announced on June 19, 2020 whereby a foreign entity that invested AUD \$10 million into the IGES Amsterdam project had received a consent judgement through the Supreme Court of NSW (Australia) for AUD \$12.5 million plus costs and had subsequently served a creditor's statutory demand on IGES. IGES was removed from the official list of the ASX on August 27, 2021 and has been found to be insolvent.



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

PETROLEUM AND NATURAL GAS PROPERTIES

On March 10, 2011, TVI acquired control of TG World, an international petroleum exploration and development company. Its major areas of focus were Alaska, Niger and the Philippines. Subsequently on November 9, 2011, the Company sold the Alaskan assets and in December 2011 withdrew from its Niger interests.

Philippines Offshore

Through TG World, TVI continues to hold a 12.5% equity interest in SC 54A in the Philippines. SC 54A is situated offshore, northwest of the Palawan islands, and contains several development-ready discoveries and mutually exclusive exploration targets. Saccasco Limited (ASX: SGC), an Australian-based energy company ("**Saccasco**") announced on July 5, 2021, that they had purchased BCP Energy International PTE. LTD. from Bangchak Corporation, which includes its fully owned subsidiary Nido Petroleum Pty Ltd and its interests in four Philippine Service Contracts, including SC 54A, and further announced on September 6, 2021, that they had acquired the 30.1% working interest in SC 54A previously held by IMC Oil and Gas Investments Ltd. Project partners in SC54A at December 31, 2021, include the joint venture operator Saccasco at 72.5% working interest and Hague and London Oil B.V. at 15.0%.

TVI announced on November 29, 2021, that TG World had signed a definitive share sale and purchase agreement with Saccasco providing for the sale of 100% of the TG World (BVI) Corporation shares held by TG World together with the total balance of intercompany receivables owing by TG World (BVI) Corporation to TG World. The consideration paid to TG World includes a royalty (which will be payable (to a maximum of US \$530,000) after commercial production is achieved at SC 54A). All closing conditions of the sale were fully completed on March 1, 2022, which had included the clearing of past security charges registered against the shares of TG World (BVI) for which past documents from prior years that requested their removal had not been received by the British Virgin Islands ("**BVI**") Registrar of Corporate Affairs and thereby restricted the sale.

TVI has fully written-down its investment in SC 54A during the year ended December 31, 2015.

QUARTERLY FINANCIAL INFORMATION

(in thousands of Canadian dollars, except per share information)

	Revenue	Net Income (Loss)	Net Income (Loss) per Share ⁽¹⁾	
			Basic	Diluted
December 31, 2021	\$ -	\$ 10,815	\$ 0.016	\$ 0.016
September 30, 2021		326	0.000	0.000
June 30, 2021	-	568	0.002	0.002
March 31, 2021	-	624	0.001	0.001
December 31, 2020	-	1,483	0.002	0.002
September 30, 2020	-	(251)	0.000	0.000
June 30, 2020	-	1,042	0.002	0.002
March 31, 2020	-	(981)	(0.001)	(0.001)
December 31, 2019	-	1,136	0.002	0.002
September 30, 2019	-	(1,284)	(0.002)	(0.002)
June 30, 2019	-	(1,604)	(0.002)	(0.002)
March 30, 2019	-	(1,817)	(0.003)	(0.003)

(1) Net of non-controlling interests.



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

QUARTERLY CONSOLIDATED RESULTS OF OPERATIONS

In Q1 2020, the Company incurred a net loss of \$1.0 million, which consists primarily of a write-down of \$1.7 million in the Company's investment in IGES (investment in equity securities) and \$0.5 million in general and administrative expenses, offset by a \$1.2 million proportionate share of net income from investment in joint venture.

In Q2 2020, the Company reported a net income of \$1.0 million, which consists primarily of its proportionate share of net income from investment in joint venture of \$1.3 million, offset by \$0.3 million in general and administrative expenses.

In Q3 2020, the Company reported a net loss of \$0.2 million, which consists primarily of its proportionate share of net income from investment in joint venture of \$0.1 million offset by \$0.3 million in general and administrative expenses.

In Q4 2020, the Company reported a net income of \$1.5 million, which consists primarily of its proportionate share of net income from investment in joint venture of \$1.9 million offset by \$0.4 million in general and administrative expenses.

In Q1 2021, the Company reported a net income of \$0.6 million, which consists primarily of its \$0.9 million proportionate share of net income from investment in joint venture, offset by \$0.3 million in general and administrative expenses.

In Q2 2021, the Company reported a net income of \$0.6 million, which consists primarily of its \$1.0 million proportionate share of net income from investment in joint venture, offset by \$0.4 million in general and administrative expenses.

In Q3 2021, the Company reported a net income of \$0.3 million, which consists primarily of its \$0.6 million proportionate share of net income from investment in joint venture, offset by \$0.3 million in general and administrative expenses.

In Q4 2021, the Company reported a net income of \$10.8 million, which consists primarily of its \$11.1 million proportionate share of net income from investment in joint venture and deferred tax recovery of \$0.2, offset by \$0.4 million in general and administrative expenses and by \$0.1 million interest expense. The Company's proportionate share of net income in the quarter includes a bargain purchase gain, the Company's proportionate share of which is \$9.2 million, resulting from TVIRD's acquisition of GRC (see INVESTMENT IN TVI RESOURCE DEVELOPMENT PHILS., INC.), the 100% owner and operator of the Siana gold mine.

SELECTED ANNUAL INFORMATION

	2021		2020		2019
Net income (loss)	\$ 12,333,846	\$	1,293,081	\$	(3,569,216)
Net income (loss) per share attributable to shareholders of the Company:					
Basic	\$ 0.019	\$	0.002	\$	(0.005)
Diluted	\$ 0.018	\$	0.002	\$	(0.005)
Total Assets	\$ 29,477,074	\$	18,779,953	\$	16,235,705



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

CONSOLIDATED RESULTS OF OPERATIONS – YEAR ENDED DECEMBER 31, 2021

For the year ended December 31, 2021, TVI had a consolidated net income of \$12.3 million as compared to a \$1.3 million net income for the year ended December 31, 2020.

Total general and administrative expense was \$1.4 million during the year ended December 31, 2021, as compared to \$1.6 million in 2020, and primarily included salaries and wages, professional and consultancy fees and other corporate expenses. TVI reported no other losses during the period ended December 31, 2021, as compared to other losses of \$1.7 million in 2020, which was attributed to the revaluation of investment in IGES (investment in equity securities).

TVI recorded its proportionate share of income from its investment in joint venture in an amount equal to \$13.7 million in 2021 as compared to its proportionate share of income of \$4.5 million recorded in 2020. The share of income from joint venture is generated at the TVIRD level and in 2020 related to TVIRD's share in net income from AMVI and the sale of nickel laterite while in 2021 additional income has been generated by the sale of gold and silver from Balabag and recognition of a bargain purchase gain of \$9.2 million (TVI Pacific share) resulting from TVIRD's acquisition of GRC (see INVESTMENT IN TVI RESOURCE DEVELOPMENT PHILS., INC.), the 100% owner and operator of the Siana gold mine. As a result of the significant year-over-year increase in TVI's proportionate share of income from its investment in joint venture, Total Assets have also increased from \$18.8 million to \$29.5 million.

TVI is not currently recognizing its proportionate share of any further losses in Mindoro as its investment has been fully impaired since March 2014; these losses will continue to accumulate and offset any future proportionate share of net income reported by Mindoro.

CONSOLIDATED CASH POSITION, LIQUIDITY AND CAPITAL RESOURCES

Free cash flow used in operations at December 31, 2021 is a net outflow of \$191,976 (net cash outflow of \$1,049,212 at December 31, 2020) and free cash outflow is a net outflow of \$187,646 (net cash outflow of \$1,044,697 at December 31, 2020). Free cash flow used in operations and free cash outflow are non-GAAP financial performance measures used internally by the Company to measure its operating and financial performance and to assist in business decision making. The Company believes also that, in addition to conventional measures prepared in accordance with IFRS, certain investors and other stakeholders also use these non-GAAP financial performance measures as information to evaluate the Company's operating and financial performance. Refer to "Non-GAAP Financial Performance Measures" for further information, including a reconciliation to the comparable IFRS measures. As these non-GAAP financial measures do not have standardized meanings under IFRS, they may not be directly comparable to similarly titled measures used by others. Non-GAAP financial measures should not be considered in isolation or as a substitute for measures of performance prepared in accordance with IFRS.

At December 31, 2021, TVI's consolidated financial statements reflect a total cash and cash equivalents balance of \$0.5 million held by TVI, which includes TVI Pacific, TVI Marketing, TVI Asia-Pacific Resources Corporation ("**TVI Asia-Pacific**"), TVI Minerals and TG World, as compared to a consolidated cash balance of \$0.1 million at December 31, 2020.

Of note is that total cash held by all Philippine entities at December 31, 2021 is \$27.0 million (December 31, 2020 - \$39.0 million), net of funds held in a separate Rehabilitation Fund account, of which \$17.0 million is held in joint venture accounts (December 31, 2020 - \$25.3 million), \$8.7 million is held directly by TVIRD (December 31, 2020 - \$13.1 million) and a further \$1.2 million is held by TVIRD's 100%-owned GRC (December 31, 2020 – nil), all of which is available to the Philippine entities to fund activities and investments at that level that would contribute to the value of the *investments in joint ventures* within the



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

accounts of TVI Pacific. Cash held at the level of TVIRD may also be available for distribution to its shareholders depending upon performance of the company and declarations of the shareholders, as evidenced by the cash dividends paid to date. TVI and its management do not control the actions of the Philippine entities and therefore does not control the actual usage or distribution of funds held by each.

Capital Requirements

TVI's capital expenditures through 2021 have been negligible as the Company is actively working to conserve cash and the primary focus has been at the level of TVIRD, where capital expenditure programs have been funded by operations at that level.

Equity

	December 31, 2021		December 31, 2020	
	Shares (#)	Value (\$)	Shares (#)	Value (\$)
Common shares, January 1	656,537,039	\$ 33,003,350	655,537,039	\$ 32,974,070
Options exercised during period	450,000	13,095	1,000,000	29,280
Common shares, December 31	656,987,039	\$ 33,016,445	656,537,039	\$ 33,003,350

Per Share Data

	2021	2020
Net income	\$ 12,333,846	\$ 1,293,081
Weighted average number of shares, basic	656,894,064	655,807,531
Weighted average number of shares, diluted	683,737,781	663,342,922
Basic income per share	0.019	0.002
Diluted income per share	0.018	0.002

Diluted earnings per share is calculated by adjusting the weighted average number of ordinary shares outstanding to assume conversion of all dilutive potential ordinary shares consisting of share options. A calculation is done to determine the number of shares that could have been acquired at fair value (determined as the average annual market share price of the Company's shares) based on the monetary value of the subscription rights attached to outstanding share options. The number of shares calculated above is compared with the number of shares that would have been issued assuming the exercise of the share options.

Stock Option Plan

The Company has a Stock Option Plan that requires annual approval at the Annual Meeting of Shareholders. Options may be granted to directors, officers, and employees of the Company under the Stock Option Plan whereby each share option converts into one ordinary share of TVI on exercise. No amounts are paid or payable by the recipient on receipt of the option. The options generally vest over a period of up to three years, may be exercised at any time from the date of vesting to the date of their expiry and expire no more than 5 years from the date of grant.

There were no share options granted during the period ended December 31, 2021 and December 31, 2020. At December 31, 2021, TVI had 39.9 million options outstanding, all of which were vested and exercisable.



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

In accordance with the Company's Stock Option Plan, unless otherwise determined by the Board, options scheduled to expire at a time when the holder of the options is subject to restrictions on trading of securities of the Company under a trading blackout established by the Company, or within five (5) business days after the termination of a blackout period, will, notwithstanding the scheduled expiry date of such options, expire as of the date that is ten (10) business days following the end of the applicable blackout period. As such, given the Company has been in a continuous trading black-out period since 2019 and through to the date of this MD&A, stock options that had been originally scheduled to expire have been extended in accordance with the Stock Option Plan. The trading black-out has applied to all insiders.

The Stock Option Plan was last ratified by the Company shareholders at the 2021 Annual General Meeting and accepted also for filing by the TSX Venture Exchange in July 2021.

During the period ended December 31, 2021, \$nil of stock-based compensation was charged to the statement of comprehensive income in the consolidated financial statements while a total of 450,000 stock options were exercised (1,000,000 stock options exercised during the 12 months ended December 31, 2020). These stock options were exercised by non-insiders of TVI.

RISK FACTORS

There are certain risks involved in TVI's operations, some of which are beyond its control. Additional risks and uncertainties not presently known, or not expressed or implied below, or that are presently deemed immaterial, could also have an impact to TVI's business, financial condition and operating results.

Statements made in this MD&A regarding risk factors are based upon the opinions of management of TVI as at the effective date of such statements and, in certain cases, information received from or disseminated by third parties. Although TVI believes that the risk factors below are based upon reasonable assumptions and that information received from or disseminated by third parties is reliable, it can give no assurance that those expectations will prove to have been correct.

Risk Management

TVI's activities expose it to a variety of financial risks: market risk (including currency risk, interest rate risk and price risk), liquidity risk and credit risk. TVI's overall risk management program focuses on the unpredictability of financial markets and seeks to minimize potential adverse effects on TVI's financial performance. The Board of Directors has the overall responsibility for the establishment and oversight of TVI's risk management framework.

(a) Currency risk

The Company faces currency risks mainly due to the substantial cross-border element of its operations. The Company has its office in Canada (Canadian Dollar), while TVIRD is located in the Republic of the Philippines (Peso). The Company has cash deposits denominated in US Dollar, which is revalued at spot rate.

There are no forward sales, and the Company does not engage in currency hedging activities. The Company minimizes risks by carefully planning the timing of settlement of foreign currency denominated balances and closely monitoring changes in foreign exchange rates.



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

(b) Interest rate risk

Interest rate risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates. As the Company has no significant interest-bearing assets or liabilities, the Company's income (loss) and operating cash flows are not significantly impacted by changes in market interest rates.

(c) Price risk

Price risk is the risk that the fair value or future cash flows of financial instruments will fluctuate as a result of changes in market prices (other than those arising from interest rate risk or foreign currency risk) whether those changes are caused by factors specific to the individual financial instrument, its issuer or factors affecting all similar financial instruments in the market or a market segment. Exposure to other price risk is primarily in investment in equity securities of IGES where changes in quoted prices on investments in equity securities have historically impacted the underlying value of the investment prior to this investment being fully written-down at March 31, 2020.

(d) Liquidity risk

As at December 31, 2021, the Company had a working capital deficit of \$1.3 million (2020 – \$1.1 million deficit), including total cash and cash equivalents of \$0.5 million (2020 – \$0.1 million). During the year ended December 31, 2021, the Company realized net income of \$12.3 million (2020 – \$1.3 million net income). At December 31, 2021, the Company had an accumulated deficit of \$9.0 million (2020 – \$21.3 million). The reduction in the accumulated deficit in the year is directly attributed to an increase in the share of income from joint venture arising from TVIRD's acquisition in 2021 of Greenstone Resources Corporation (see note 11), the 100% owner and operator of the Siana gold mine, and the recognition of a related bargain purchase gain. In addition, the Company recorded cash inflows from operations of \$0.4 million for the year ended December 31, 2021 (2020 - \$0.4 million negative cash outflow). As at December 31, 2021, the Company had accounts payable and accrued liabilities of \$0.3 million (2020 - \$0.5 million) and a payable to related parties of \$1.5 million (2020 - \$1.2 million), but has no other outstanding loans payable or any annual expenditure obligations.

During 2021, TVI received \$0.4 million of TVIRD dividends declared in December 2020 and paid-out in January 2021, in addition to \$1.2 million of TVIRD dividends declared and paid-out in the current year (2020 – \$0.5 million) (net of Philippine withholding tax). The Company's ability to continue as a going concern is dependent upon possible distributions from its joint venture investment in TVIRD, which the Company does not control. This undertaking, while significant, is not sufficient in and of itself to enable the Company to fund all aspects of its operations and, accordingly, management is pursuing other financing alternatives to fund the Company's operations and to pursue interests in resource projects in the Asia Pacific region that can be rapidly developed and put into production to generate revenue and cash flows so it can continue as a going concern. Nevertheless, there is no assurance that these initiatives will be successful.

These material uncertainties lend significant doubt as to the ability of the Company to meet its obligations as they come due and, accordingly, the appropriateness of the use of accounting principles applicable to a going concern.



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

(e) *Credit risk*

Credit risk arises from the potential that a counterparty to a financial instrument fails to meet its contractual obligations and arises principally from the Company's cash and cash equivalents, accounts receivable, due from related parties and other assets. The Company manages credit risk associated with cash by maintaining its cash deposits in accounts with creditworthy banks, which were approved by the Board of Directors.

Cash flow and Liquidity

TVI does not currently generate any cash directly and is dependent on cash sources over which it does not have control. Specifically, TVI is currently dependent on possible distributions from its joint venture investment in TVIRD.

Distributions from its joint venture in TVIRD currently require that TVIRD provide prior notice to China Banking Corporation certifying that TVIRD is in compliance with various terms associated with the Facility provided in relation to Balabag. Failure of TVIRD to comply with the various terms of the Omnibus Loan and Surety Agreement with China Banking Corporation and to thereby be able to declare and pay dividends could have a material and adverse effect on the Company. Since the announcement of the Facility, TVIRD has issued seven (7) dividends as at the date of this MD&A for a total amount of Php 371.4 million (\$9.4 million), of which TVI has received its share equal to Php 113.9 million (\$2.9 million) prior to Philippine dividend tax.

Risk on Investments

In its joint venture investments in TVIRD and equity investments in Mindoro, as well as in its subsidiaries TG World, TVI Limited, TVI Marketing, TVI Asia-Pacific and TVI Minerals, TVI is exposed to the risk that it may not realize the expected returns from these investments. TVI and its management do not control the actions of these companies and projected cash flows from these investments may change depending on the outcome of the projects. Losses may also be incurred by TVIRD that would require a write-down in the value of TVI's investment. TVI does not have control over TVIRD's efforts to list on the PSE and TVIRD's listing efforts are subject to approval by the PSE and SEC and are also affected by general market conditions and investor sentiment. Similarly, TVI does not have control over its joint venture partner in TVIRD and failure of the Company's joint venture partner to meet their contractual obligations and commitments to TVIRD or to third parties in respect of TVIRD could have a material and adverse effect on the Company. The Company may experience disputes or disagreements within the joint venture and, if any were to arise, such could be time-consuming, costly and distracting for the Company and could also disrupt the timely progress of development of projects or even result in the loss of a project. The occurrence of any of the foregoing could have a material adverse effect on the Company's business, financial condition, results of operations or prospects.

In 2014, the carrying value of TVI's investment in Mindoro was fully written-down as a result of recognizing TVI's share in the losses of Mindoro and in 2020 TVI's investment in IGES was fully written-down following the suspension from trading of IGES securities announced by the ASX on January 20, 2020 and considering also the negative net asset position of IGES that was reported in its reports at that time. IGES was removed from the official list of the ASX on August 27, 2021 and has been found to be insolvent. As for the value of investment in TVIRD, this continues to be adjusted at each reporting period by TVI's share in the income or loss of the joint venture.



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

Regulatory Risk

Government Regulations

Mining operations, including exploration drilling programs, require permits from state or federal governments. Any exploration, development or mining operations carried on by the Company and TVIRD will be subject to government legislation, policies and controls relating to prospecting, development, production, environmental protection, mining taxes and labour standards. The Company cannot predict whether or not such legislation, policies or controls, as presently in effect, will remain so, and any changes therein (for example, significant new royalties or taxes), which are completely outside the control of the Company, may materially adversely affect the ability of the Company to continue its planned business within any such jurisdictions.

The Company may be unable to obtain permits on reasonable terms in the future, on terms that provide the Company sufficient resources to develop its properties, or at all. Even if the Company is able to obtain such permits, the time and funding required by the permitting process is significant. The resource consenting process requires extensive stakeholder consultation, including public notification by the consenting authorities that enables interested third parties to participate in the consenting process. Nongovernmental organisations are active in the Company's areas of operation and are regarded as key stakeholders with whom communication is critical. Although the Company has experience with consenting frameworks and maintains a policy of early consultation with key stakeholders to identify and, where possible, address concerns, there is a risk of consents being delayed or rejected. If the Company cannot obtain or maintain the necessary permits, or if there is a delay in receiving these permits, the timetable and business plan for exploration or to develop mines and expand production, if any, will be adversely affected, which may adversely affect the Company's results of operations, financial condition and cash flow.

Failure to comply with applicable laws, regulations and permitting requirements may result in enforcement actions thereunder, including orders issued by regulatory or judicial authorities causing operations to cease or be curtailed and may include corrective measures requiring capital expenditures, installation of additional equipment, or remedial actions which could have a material adverse effect on TVI's business, financial condition, results of operations or prospects.

Political and Regulatory Environment in the Philippines related to investment in TVIRD

On April 15, 2021, President Duterte authorized the lifting of an almost 9-year moratorium on new mineral agreements in a bid to generate job opportunities and to encourage growth in the Philippines. In Executive Order 130 ("EO 130"), amendments were introduced to Executive Order 79 ("EO 79") from July 2012 that had suspended applications for mineral contracts in protected areas, prime agricultural lands, tourism development areas, and other critical places like island ecosystems, among others. Since the introduction of EO 79 the industry has operated in an environment of extreme uncertainty. Readers are referred to previous MD&A documents for a detailed analysis of EO 79 and the Implementing Rules and Regulations issued subsequently to execute the Executive Order.

The key elements of EO 79 in the view of TVIRD Management were that (a) no new mining projects would be allowed until new fiscal legislation had been passed by Congress; (b) the Government was to cause LGU to rescind and/or not pass legislation contravening the Mining Act; (c) companies would be issued new exploration permits on the condition that they be subject to the fiscal terms passed subsequently by Congress; and (d) there would be a definitive map published of "No Go" areas that would be off limits to minerals exploration and development.

Amidst EO 79 the government continued to honour existing contracts such as those held by TVIRD, and in fact proceeded to approve the ECC (as well as an extension of expiry date in the ECC), the Declaration of



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

Mining Project Feasibility (“**DMPF**”) and the tree-cutting permit for the Balabag project, as well as the DMPF for the Agata project. Agata commenced operations in October 2014 and has completed a total project-to-date of 346 shipments of 18.84 million wet metric tonnes of nickel laterite through to December 31, 2021, while Balabag has completed 14 shipments for a total of 21,016 gold equivalent ounces, through to the effective date of this MD&A, following TVI's announcement on November 22, 2019 that TVIRD had determined to advance Balabag towards commercial production. As further evidence of the government's commitment to honouring existing contracts, on March 19, 2021, Secretary Roy A. Cimatu of the DENR issued an Order approving the renewal of MPSA No. 086-1997-IX, the Balabag MPSA, for another twenty-five (25) year period through to November 20, 2047, and issued on June 1, 2021 the ECC in relation to the Agata Limestone project.

With the introduction on April 15, 2021, of EO 130, the Philippine government has announced that it sees the mining industry to be an opportunity to support various government projects and to usher in significant economic benefits to the country through stimulating countryside development. EO 130 has also taken note that the country has tapped less than 5 percent of its mineral resources' endowment to date.

DENR Administrative Order (“**DAO**”) No. 2021-40 issued by the DENR on December 23, 2021, represented a key development that made reference to a repealing clause included in EO 130 and lifted the open-pit mining ban in the Philippines together with several other surface mining methods that had been in place for the extraction of copper, gold, silver and/or complex ores in the Philippines under the previously issued DAO No. 2017-10.

EO 130 formally states that the Philippine government may now enter into new mineral agreements, subject to compliance with the Philippine Mining Act of 1995 and other applicable laws, rules and regulations, while the DENR may continue to grant and issue Exploration Permits under existing laws, rules and guidelines over the approved exploration area. EO 130 also directs the DENR to formulate terms and conditions in the new mining agreements that will maximize government revenues and share from production, and to review existing mining contracts and agreements for possible renegotiation of the terms and conditions such that they are mutually acceptable to the government and the mining contractor. The DENR and the Department Finance have also been ordered to take measures to rationalize the existing revenue-sharing scheme.

Political and Regulatory Risks in the Philippines related to investment in TVIRD

Emerging from the above policy environment are certain risks faced by TVI through its investment in TVIRD, including, but not limited to:

- The government's intention is to review existing mining contracts and agreements for possible renegotiation of the terms and conditions such that they are mutually acceptable to the government and the mining contractors. This follows earlier announcements that the government's intent is to increase the level of taxation for all new mining projects in the Philippines in its new fiscal regime. Existing mining projects in the Philippines are expected to be subject to any new fiscal regime which continues to be discussed at the time of reporting while existing mining contracts and agreements may also be subject to renegotiation. Several house bills have been proposed to the Congressional Ways and Means Committee of the 19th Congress with the objective to rationalize and institute a single fiscal regime applicable to all mineral agreements and to all existing and prospective large metallic, non-metallic and small-scale mines. The government has stated that the intent is to enhance the equitable share of the government in the utilization of natural resources without compromising the mining sector's need for a reasonable return on investment.



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

- While the government has stated that Motions for Reconsideration will be processed for Application for Mineral Production Sharing Agreements (“**APSA**”) and Applications for Financial and Technical Assistance Agreements (“**AFTA**”), including TVIRD’s AFTA 13, AFTA 14 and APSA 39, initial Motions have been denied and there is a risk that the *Motions for Reconsideration* may not be approved and that the Free Prior Informed Consent (“**FPIC**”) process required for these tenements may drag out and/or not be secured.
- The Supreme Court has heard arguments before it from Petitioners in the case of Baraquel vs. DENR Secretary, Sagittarius Mining Inc., Oceana Gold Corporation and TVIRD, which seeks to challenge the constitutionality of certain sections of the Mining Act of 1995 and in effect to revisit the Court’s La Bugal judgment that upheld its constitutionality. TVIRD is a respondent with regards to an application for a Financial and Technical Assistance Agreement (“**FTAA**”), which has subsequently been denied but which denial TVIRD has appealed. Three sessions of oral argument have taken place before the Court and all parties to the case, as well as the Chamber of Mines of the Philippines, have provided final written submissions to the Court. At the time of writing the Court continues to deliberate the case in camera. A risk exists that the Supreme Court could choose not to reject the petition and make a new ruling on the constitutionality of key provisions in the Mining Act. In that event, there is a risk that the mining agreements cited in the case would be ruled null and void and TVIRD’s appeal of the denial would be rejected; or that all mining agreements in the country would be ruled null and void and their taxation agreements would have to be renegotiated (which would affect TVIRD along with all other tenement holders). On March 5, 2015, TVIRD filed a manifestation with the Supreme Court that House Bill No. 5367 is filed in Congress which proposes the new fiscal regime and revenue sharing arrangement between the Government and the mining contractor for large scale metallic mineral mining operations. TVIRD is of the position that the determination of the government’s share in mining is a policy matter and Congress is acting on said authority by deliberating on House Bill No. 5367. This case is still pending decision.
- In August 2016, the DENR conducted a mining audit of all metallic mines operating in the country which included AMVI, a subsidiary of TVIRD, engaged in a direct shipping project in Agusan del Norte. While it was later announced in February 2017 that AMVI had passed the audit, a risk continues to exist that similar audits may be performed in the future and their result may not be predicted if to consider the composition of the team that performed the audit in calendar years 2016 and 2017, which included representatives of non-government organizations (“**NGO**”) who are vocal critics of the mining industry.
- Further to the recommended cancelation by the Philippine DENR of 75 MPSAs on February 14, 2017, said to be operating within critical watershed areas, TVIRD’s ability to expand the Balabag ECC beyond the currently approved 180 hectares defined within the existing ECC may be affected.

Social and Economic Environment

Although TVIRD has obtained a title opinion with respect to its Philippine properties, there is no guarantee that title to such mining rights will not be challenged.

There are continuing risks that communities or local politicians could withdraw support for TVIRD projects and mount protests or refuse to provide the necessary endorsements to support project titles and applications. TVIRD has been successful to date in gaining community support for its operations, and management is committed to continuing the policies of community development, sustainable development and corporate social responsibility that have been effective and rewarding up to this time. Accordingly, management believes the risk of the withdrawal of community and local political support is low but will



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

continue to monitor developments further to the uncertainty associated with the appointment of the current DENR Secretary in 2017.

In addition, there is a continuing background security risk involved in any operation in the Philippines, including Mindanao – over and above the normal security risks of theft and robbery that may generally affect any mine elsewhere.

Exploration, Development and Operating Risks

The exploration for and development of mineral deposits involves significant risks which even a combination of careful evaluation, experience and knowledge may not eliminate. While the discovery of an ore body may result in substantial rewards, few properties which are explored are ultimately developed into producing mines. Major expenses may be required to locate and establish mineral reserves, to develop metallurgical processes and to construct mining and processing facilities at a particular site. It is impossible to ensure that the exploration or development programs planned by TVI or TVIRD, in which it holds a 30.66% equity interest, will result in a profitable commercial mining operation. Whether a mineral deposit will be commercially viable depends on a number of factors, some of which are: the particular attributes of the deposit, such as size, grade and proximity to infrastructure; metal prices which are highly cyclical; and government regulations, including regulations relating to prices, taxes, royalties, land tenure, land use, importing and exporting of minerals and environmental protection. The exact effect of these factors cannot be accurately predicted, but the combination of these factors may result in TVI not receiving an adequate return on invested capital.

One critical area of development relates to construction of the TSF that must be fully operational and of sufficient capacity prior to commencement of initial operations or expansion of operations, as may be required to accommodate progressively increasing mineral resources as they may be defined at a producing mine or project, and the ramp-up of production. Added approvals from authorities and regulators may be required which, together with the time required to complete construction of the TSF, may result in delays in development, the ramp-up of production or the temporary suspension of operations until such time that the TSF, and sufficient capacity as may be required of the TSF, is fully operational. Such delays could have a material adverse effect on TVI's business, financial condition, results of operations or prospects.

Mining operations generally involve a high degree of risk. Any future operations will be subject to all the hazards and risks normally encountered in the exploration, development and production of ore, including unusual and unexpected geologic formations, seismic activity, rock bursts, cave-ins, flooding and other conditions involved in the drilling and removal of material, any of which could result in damage to, or destruction of, mines and other producing facilities, damage to life or property, environmental damage and possible legal liability. Although adequate precautions to minimize risk will be taken, milling operations are subject to hazards such as equipment failure or failure of retaining dams around tailings disposal areas which may result in environmental pollution and consequent liability.

TVI may or may not be able to insure against these hazards or to cover its risks at economically feasible premiums. This may result in destruction of mines and other facilities, damage to life and property, environmental damage, delayed production, increased production and exploration costs, and possible legal liability for any and all damages. Insurance coverage may not continue to be available or may not be adequate to cover any resulting liability. Losses from these events may cause the Company to incur significant costs which could have a material adverse effect on TVI's business, financial condition, results of operations or prospects.



MANAGEMENT'S DISCUSSION AND ANALYSIS FOR THE YEAR ENDED DECEMBER 31, 2021 AND 2020

Production Estimates

The Company cannot give any assurance that it or the mines or projects held at the level of its investments will achieve their respective production estimates, forecasts and guidance for any reporting period or over the life of mine. The failure of the Company to achieve its production estimates could have a material adverse effect on any or all of its future cash flows, profitability, results of operations and financial condition. The realization of production estimates are dependent on, among other matters: the accuracy of Mineral Reserve and Resource estimates; the accuracy of assumptions regarding ore grades and recovery rates; ground conditions (including hydrology and water mitigation measures); physical characteristics of ores; the presence or absence of particular metallurgical characteristics; and the accuracy of estimated rates and costs of mining, ore haulage and processing.

Actual production may vary from estimates, forecasts and guidance for a variety of reasons, including: the availability of certain types of ores; actual ore mined varying from estimates of grade or tonnage; dilution and metallurgical and other characteristics (whether based on representative samples of ore or not); short-term operating factors such as the need for sequential development of ore bodies and the processing of new or adjacent ore grades from those planned; mine failures, slope failures or equipment failures; industrial accidents; natural phenomena, such as inclement weather conditions, floods, droughts, rock slides and earthquakes; encountering unusual or unexpected geological conditions; changes in power costs and potential power shortages; shortages of principal supplies needed for mining operations, including explosives, fuels, chemical reagents, water, equipment parts and lubricants; plant and equipment failure; the inability to process certain types of ores; labour shortages or strikes; lack of required labour; civil disobedience and protests; and restrictions or regulations imposed by government agencies or other changes in the regulatory environment. In addition to adversely affecting mineral production, such occurrences could also result in damage to mineral properties or mines, interruptions in production, injury or death to persons, damage to property of the Company or others, monetary losses and legal liabilities. These factors may cause a mineral deposit that has been mined profitably in the past to become unprofitable, forcing the Company to cease production. Each of these factors also applies to the Company's mines not yet in production, and to operations that are to be expanded. In these cases, the Company does not have the benefit of actual experience in verifying its estimates and there is a greater likelihood that actual production results will vary from the estimates, forecasts and guidance.

Funding and Liquidity

Future development and exploration depends on the ability of TVI and its investments to obtain funding through project and mining cash flows, joint ventures, debt financing, equity financing, the sale of investments and other means. Failure to obtain additional funding when needed or on terms acceptable or favourable to TVI or its affiliates, associates or joint ventures may cause TVI or its affiliates, associates or joint ventures to postpone its exploration and development plans, forfeit rights in some or all of its properties, or reduce or terminate some or all of its operations. This could have a material adverse effect on TVI.

The ability to make scheduled payments of expenses depends on the financial condition and operating performance of TVI and its affiliates and associates or joint ventures, which is subject to prevailing economic and competitive conditions and to certain financial, business and other factors beyond its control. As at December 31, 2021, the Company had accounts payable and accrued liabilities of \$0.3 million (2020 - \$0.5 million) and a payable to related parties of \$1.5 million (2020 - \$1.2 million) but has no other outstanding loans payable or any annual expenditure obligations. TVI has no material contracts as at December 31, 2021 (other than contracts entered into in the ordinary course of business, that are material to TVI and that are required to be filed under Section 12.2 of NI 51-102) that were entered into within the most recently completed quarter or financial year, or entered into before the most recently completed financial year, that are still in effect.



MANAGEMENT'S DISCUSSION AND ANALYSIS FOR THE YEAR ENDED DECEMBER 31, 2021 AND 2020

Current financial markets remain volatile due to uncertainties in the global economy and, most recently, the COVID-19 pandemic and geopolitical instability originating between Russia and Ukraine. Commodity markets have seen substantial volatility and uncertainty in the current markets could lead to difficulties in raising funds. There can be no assurance that amounts will be adequate for future financial obligations and internal cash available for investments of TVI. TVI remains focused upon conserving cash through reducing expenditures and expects also possible distributions from its investment in joint venture to help settle liabilities and be a source of funding to help the Company pursue resource projects that can be rapidly developed and put into production to generate revenue and cash flows. Risk nonetheless exists that the Company may not be successful in its various cash raising efforts.

Property Competition

Competition in the mining industry may adversely affect the Company. There are large and well established mining companies, many of which have greater technical and financial resources in the worldwide market. Competition in the mining industry is primarily for: (i) properties which can be developed and can produce economically; (ii) the technical expertise to find, develop, and operate such properties; (iii) labour to operate the properties; and (iv) capital to fund such properties. Such competition may result in the Company being unable to acquire desired properties on terms it considers acceptable, to recruit or retain qualified employees or to acquire the capital necessary to fund its operations and develop its properties. Accordingly, there can be no assurance that TVI will acquire any interest in additional operations that would yield reserves or result in commercial mining operations and the Company's inability to compete with other mining companies for these resources could have a material adverse effect on TVI's business, financial condition, results of operations or prospects. As many competitors also conduct refining and marketing operations on a worldwide basis in addition to their exploration and mining activities, the Company may also compete with such mining companies in refining and marketing its products to international markets.

Environmental Protection

The mining and mineral processing industries are subject to extensive government regulations for the protection of the environment, including regulations relating to air and water quality, mine reclamation, solid and hazardous waste handling and disposal and the promotion of occupational health and safety. These laws, regulations and the governmental policies for implementation of such laws and regulations are constantly changing and are generally becoming more restrictive. The costs associated with compliance with these laws and regulations are substantial and possible future laws and regulations and changes to existing laws and regulations (including the imposition of higher taxes and mining royalties) could cause additional expense or capital expenditure, or result in restrictions or delays in the Company's development plans. TVI cannot give any assurance that, notwithstanding its precautions, breaches of environmental laws, whether inadvertent or not, or environmental pollution, will not occur. In the event of environmental misconduct, the Company's rights to develop certain mineral interests may be canceled or suspended and result also in possible fines, penalties or other civil or criminal sanctions as well as lawsuits, all of which could have a material adverse effect on TVI's business, financial condition, results of operations or prospects.

Climate Change

The continuing rise in the global average temperatures has created varying changes to regional climates across the world, resulting in risks to equipment and personnel. Governments at all levels are amending or enacting additional legislation to address climate change by regulating, among other things, carbon emissions and energy efficiency, or where legislation has already been enacted, regulation regarding emission levels and energy efficiency are becoming more stringent. The mining industry is particularly exposed to such regulations and there is no assurance that compliance with such legislation, including the associated costs, will not have material adverse effect on the Company's business, financial condition,



MANAGEMENT'S DISCUSSION AND ANALYSIS FOR THE YEAR ENDED DECEMBER 31, 2021 AND 2020

results of operations and prospects. Extreme weather events have the potential to disrupt the Company's operations and extended disruptions could result in interruption to production which may have a material adverse effect on the Company's business, financial condition, results of operations and prospects. The Company's facilities depend on regular and steady supplies of consumables to operate efficiently that may be put under stress due to more extreme weather and climate events. Changing climate patterns may also affect the availability of water. If the effects of climate change cause prolonged disruption to the delivery of essential commodities then production efficiency may be reduced which may have a material adverse effect on the Company's business, financial condition, results of operations and prospects. In addition, climate change is perceived as a threat to communities and governments globally and stakeholders may demand reductions in emissions or call upon mining companies to better manage their consumption of climate-relevant resources. Negative social and reputational attention towards operations may have a material adverse effect on the Company's business, financial condition, results of operations and prospects

Public Health Crises

In March 2020, the World Health Organization declared a global pandemic related to COVID-19. The continuing potential impacts on global commerce remain to be uncertain and possibly far-reaching as a result of COVID-19 and any outbreak of similar epidemics, pandemics or other health crises and by reactions by government and private actors to such outbreaks. To date there has been significant stock market volatility, significant volatility in commodity and foreign exchange markets, restrictions on the conduct of business in many jurisdictions and the global movement of people and some goods has become restricted. There is significant ongoing uncertainty surrounding such public health crises and the extent and duration of the impacts that these may have on the Company and its investments with respect to current and planned exploration and development programs, interest rates, credit ratings, credit risk, availability of financing and inflation, on employees and on global financial markets. The Company cannot provide any assurance that it and its investments will not be adversely affected by the COVID-19 virus or any similar public health crises, whether directly or indirectly. The Company and TVIRD have made efforts to safeguard the health of employees and are monitoring the situation and following guidance from public health officials in all respective jurisdictions. Countries in which the Company operates and also holds investments, namely Canada and the Philippines, have at various times since March 2020 declared full or partial country-wide lock downs. The potential inability for a prolonged period of time of employees, contractors and other personnel to continue to work on the projects as well as potential delays in the supply chain as a result of the COVID-19 pandemic may materially delay or affect the development of projects in addition to operations. As well, should the COVID-19 virus be contracted by any person working at any projects of the Company or its investments, such an event may cause a halt, delay or even an entire suspension of development and/or operating activities until such time as the project's workforce can be quarantined and cleared. Any such events could have a material adverse effect on TVI's business and financial condition.

Geopolitical Instability

On February 24, 2022, Russia began a military operation in Ukraine that has resulted in various financial and trade sanctions being imposed against Russia that include prohibitions or restrictions from doing business anywhere in the world with listed Russian individuals or companies. While these events in and of themselves are not expected to directly impact the Company's ability to carry on business, the outcome of these events is uncertain at this time and may impact the peace and stability of the region and the world and could affect the global economy including regions and markets in which the Company operates. Any subsequent oil and gas supply shortages or volatile commodity prices could have adverse impacts on the world economy and the Company's business. If these events continue, re-occur or escalate, they could have a material adverse effect on TVI's business, financial condition or results of operations.



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

NON-GAAP FINANCIAL PERFORMANCE MEASURES

The Company has included certain non-GAAP financial performance measures throughout this MD&A, including free cash flow used in operations, free cash outflow and free cash outflow per share, each as defined in this section. The Company employs these measures internally to measure its operating and financial performance and to assist in business decision making. The Company believes that, in addition to conventional measures prepared in accordance with IFRS, certain investors and other stakeholders also use these non-GAAP financial performance measures as information to evaluate the Company's operating and financial performance. As there are no standardized methods of calculating these non-GAAP financial performance measures, the Company's procedures may differ from those used by others. Therefore, the use of these measures may not be directly comparable to similarly titled measures used by others. Accordingly, these non-GAAP financial performance measures are intended to provide additional information and should not be considered in isolation or as a substitute for measures of performance prepared in accordance with IFRS.

Free Cash Flow Used in Operations

Free cash flow used in operations comprises of net cash from (used in) operating activities before changes in non-cash working capital. Management believes that free cash flow used in operations is a useful supplemental measure to analyze TVI's ability to generate cash flow to fund capital investment and working capital requirements.

The following table reconciles the Company's net cash from (used in) operating activities, being the most directly comparable financial measure disclosed in the Company's consolidated financial statements, to free cash flow used in operations:

	2021	2020
Net cash from (used in) operating activities	\$ 372,527	\$ (350,624)
Changes in non-cash working capital	(564,503)	(698,588)
Free cash flow used in operations	(191,976)	(1,049,212)

Free Cash Outflow and Free Cash Outflow per Share

Free cash outflow represents net cash from (used in) operating activities, before changes in non-cash working capital, plus funds received in relation to any Company stock options exercised less cash expenditures on property and equipment and other assets. Free cash outflow per share is calculated as free cash outflow over the number of common shares outstanding. Management believes that free cash outflow and free cash flow per share are useful measures that represents cash available for reinvestment or growth after considering all the expenditures necessary to maintain TVI's asset base.

The following table reconciles the Company's net cash from (used in) operating activities, being the most directly comparable financial measure disclosed in the Company's consolidated financial statements, to free cash outflow and free cash outflow per share:



MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020

	2021	2020
Net cash from (used in) operating activities	\$ 372,527	\$ (350,624)
Changes in non-cash working capital	(564,503)	(698,588)
Exercised options	6,750	15,000
Expenditures on property and equipment and other assets	(2,410)	(10,485)
Free cash outflow	\$ (187,636)	\$ (1,044,697)
Common shares outstanding	656,894,064	656,537,039
Free cash outflow per share	\$ (0.000)	\$ (0.002)

CRITICAL ACCOUNTING ESTIMATES AND JUDGEMENTS

Management is responsible for applying judgement in preparing accounting estimates. Certain estimates and related disclosures included within the consolidated financial statements are particularly sensitive because of their significance to the consolidated financial statements and because of the possibility that future events affecting them may differ significantly from management's current judgements. The following are significant accounting estimates and judgements:

- The Company uses the Black-Scholes option pricing model to assess under the fair value method the value of stock options granted to employees and directors under the share option plan. Management must estimate the volatility, forfeiture rate, expected life and risk-free interest rates in using the model to assess the fair value of stock options.
- The Company reviews and tests the carrying amounts of investments in associates and joint ventures as well as property and equipment whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. If there are indications that impairment may have occurred, the amount by which the carrying value of assets exceeds their estimated recoverable value is charged to the statement of comprehensive income (loss). There were no indicators of impairment of the Company's investment in joint venture (TVIRD) noted for the year ended December 31, 2021.
- Judgment is required in determining the fair value of investments where quoted prices are not available and other valuation techniques must be applied. In its valuation, the Company may consider and assess the reported financial position of entities in which it has invested, taking into account its net asset position, court decisions placed against the respective entity and the listing status of the entity, as a minimum. TVI has written-down to nil the fair market value of its equity interest in IGES during the year ended December 31, 2020, following the suspension from trading of IGES securities announced by the ASX on January 20, 2020 and considering also the negative net asset position that it reported at that time as well as a claim placed against IGES. IGES was subsequently removed from the official list of the ASX in August 2021 and found to be insolvent.
- Accounting for business combinations using the acquisition method requires the consideration transferred in the acquisition and the identifiable assets acquired to be measured at fair value. The determination of fair value often requires management to make assumptions and estimates about future events. On November 4, 2021, TVIRD closed its acquisition of GRC and the associated Siana Gold Mine. Management of TVIRD engaged an independent appraiser to complete fair valuation of the acquired physical assets of the Siana Gold Mine. Management of TVIRD also estimated and recorded contingent consideration related to Net Smelter Return royalty ("NSR") payable to the seller which was based on an estimate of the expected NSR payments related to the proposed open pit mining operations.



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

- Significant judgment is required in determining the provision for income taxes. There are many transactions and calculations for which the ultimate tax determination is uncertain during the ordinary course of business. TVI recognizes liabilities for any anticipated tax audit issues based on estimates of whether additional taxes will be due. Where the final tax outcome of these matters is different from the amounts that were initially recorded, such differences will impact the income tax and deferred tax provisions in the year in which such determination is made.
- The Board of Directors of TVIRD considers the Philippine Peso as the currency that most faithfully represents the economic effect of the underlying transactions, events and conditions related to and affecting TVIRD. The Philippine Peso is the currency of the primary economic environment in which TVIRD operates. It is the currency in which TVIRD and its related group of Philippine entities measures its performance and reports its results.

The Board of Directors of TVI has considered the Company's current activities, funding position and projected funding requirements for the period of at least twelve months from the date of approval of the consolidated financial statements, in determining the ability of the Company to adopt the going concern basis in preparing the consolidated financial statements for the twelve months ended December 31, 2021. The assessment of the Company's ability to execute its strategy to meet its future funding requirements involves judgement.

OFF BALANCE SHEET ARRANGEMENTS

TVI does not have any off-balance sheet arrangements.

TRANSACTIONS WITH RELATED PARTIES

Transactions with related parties are recorded at the exchange amounts which are the amounts established and agreed to by the parties.

(a) Due from related parties

	December 31, 2021		December 31, 2020	
TVIRD	\$	6,501	\$	6,944
Due from Officers		-		16,388
	\$	6,501	\$	23,332

The Company's receivable from TVIRD relates to reimbursable expenses and services provided by TVI Pacific to TVIRD.

Due from Officers includes advances to officers of the Company to acquire shares in joint venture on behalf of the Company.

(b) Due to related parties

	December 31, 2021		December 31, 2021	
Seajay Management	\$	654,941	\$	568,148
Director's fees		711,084		544,765
Due to Officers		134,534		113,466
Regent Parkway		18,777		27,042
Exploration Drilling Corporation		3,429		3,653
	\$	1,522,765	\$	1,257,074



MANAGEMENT'S DISCUSSION AND ANALYSIS FOR THE YEAR ENDED DECEMBER 31, 2021 AND 2020

Management fees related to services of the President were first deferred commencing in February 2016 and have continued to be deferred since that time as the Company is actively working to conserve cash. Since that time only management fees related to calendar year 2016 were paid out in 2018 and a \$44,000 part payment made against each of 2017 and 2018 together with a further \$88,000 part payment made during the year ended December 31, 2021, against 2019 and 2020 deferred fees. The balance of past years and current year charges continues to be deferred. Deferred management fees of \$160,500 related to services of the President (December 31, 2020 - \$160,500) and \$4,198 for other payments were incurred during the year ended December 31, 2021 (December 31, 2020 - \$6,917). During the year ended December 31, 2021, the Company accrued interest expense of \$18,490 on the unpaid Management fees (December 31, 2020 - \$3,942).

Directors' fees were first deferred commencing in January 2016 and have continued to be deferred since that time as the Company is actively working to conserve cash. Since that time only directors' fees related to calendar year 2016 were paid out in 2018 while the balance of past and current year charges continues to be deferred. Deferred directors' fees of \$135,499 were incurred during the year ended December 31, 2021 (December 31, 2020 - \$134,500). During the year ended December 31, 2021, the Company accrued interest expense of \$30,820 on the unpaid Director's fees (December 31, 2020 - \$4,515).

A portion of compensation due annually to the Chief Financial Officer has been deferred commencing in 2017.

During the year ended December 31, 2021, the Company also incurred expenses of \$136,792 (December 31, 2020 - \$140,757) for administrative services provided by Regent Parkway, a corporation controlled by a director and officer of TVI.

The Company completed a review of presentation of its other due to related parties and it was determined that certain amounts due to officers reflected as other accrued liabilities were more appropriately reflected as due to related parties. Prior period comparative amounts have been classified to conform to the current period presentation. For the year ended December 31, 2020, \$8,457 was reclassified from accounts payable and accrued liabilities to due to related parties.

CONTINGENCIES AND CONTRACTUAL OBLIGATIONS

The Company's agreement with respect to corporate office premises is month-to-month and no commitments are in effect beyond 30 days.

Legal Actions

The Company has no known current or pending claims filed against it.

CONTROLS AND PROCEDURES

Disclosure Controls and Procedures

Disclosure controls and procedures are designed to provide reasonable assurance that all relevant material information is gathered and reported to management, including the Chief Executive Officer and Chief Financial Officer, on a timely basis so that appropriate decisions can be made regarding public disclosure. Management, with the participation of the certifying officers, has evaluated the design and effectiveness of TVI's disclosure controls and procedures (as defined by the Canadian Securities Administrators). Based on that evaluation, the certifying officers have concluded that for the period ending December 31, 2021, such disclosure controls and procedures are effective and designed to ensure they are aware of all material information relating to the Company.



MANAGEMENT'S DISCUSSION AND ANALYSIS FOR THE YEAR ENDED DECEMBER 31, 2021 AND 2020

Internal Controls over Financial Reporting

TVI's internal controls over financial reporting ("ICOFR") are intended to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements in accordance with generally accepted accounting principles. Management has evaluated the effectiveness of TVI's ICOFR and has concluded that TVI's ICOFR were designed and operating effectively, with no material weaknesses related to operations existing as at December 31, 2021.

It should be noted that while TVI's Chief Executive Officer and Chief Financial Officer believe that ICOFR provide a reasonable level of assurance, they do not expect that the ICOFR would prevent all errors and fraud. A control system, no matter how well conceived or operated, can only provide reasonable assurance that the objectives of the control system are met.

SUBSEQUENT EVENTS

TVI announced on November 29, 2021, that TG World Energy Corp. had signed a definitive share sale and purchase agreement with Saggasco Limited (ASX: SGC), an Australian-based energy company, providing for the sale of 100% of the TG World (BVI) Corporation shares held by TG World Energy Corp. together with the total balance of intercompany receivables owing by TG World (BVI) Corporation to TG World Energy Corp. The consideration paid to TG World Energy Corp. includes a royalty (which will be payable (to a maximum of US \$530,000) after commercial production is achieved at SC54A). All closing conditions of the sale were fully completed on March 1, 2022, which had included the clearing of past security charges registered against the shares of TG World (BVI) for which past documents from prior years that requested their removal had not been received by the British Virgin Islands ("BVI") Registrar of Corporate Affairs and thereby restricted the sale.

On March 22, 2022, TVI made reference to TVIRD's announcement of the same date that TVIRD has acquired all of the outstanding capital stock of SageCapital Partners, Inc. ("**SageCapital**") SageCapital is a holding company incorporated under the laws of the Philippines, which, in turn, owns 60% of the outstanding capital stock of Mt. Labo Exploration and Development Corporation, a Philippines mining and minerals exploration development company whose projects are based in Camarines Norte, Philippines, and which is the owner and operator of the Mabilo Project. The Mabilo mineralized deposit is classified as a copper-gold-iron skarn deposit that offers potential for multi-metal products, namely copper, gold and silver, with by-products magnetite (Fe₃O₄) and pyrite (FeS₂). TVIRD obtained control of SageCapital on January 31, 2022.

TVI Marketing received on April 18, 2022 a dividend of 18.4 million Philippine pesos (\$443,740 Canadian dollars), representing a 30.66% share of a 60 million Philippine peso dividend declared by TVIRD to be issued among all shareholders of record and prior to Philippine dividend tax in the amount of 2.8 million Philippine pesos (\$66,561 Canadian dollars), and the net amount of 15.6 million Philippine pesos (\$377,179 Canadian dollars) was then transferred through to TVI as repayment of intercompany advances.

On April 25, 2022, TVIRD made its fifth repayment in relation to the 5-year term loan with China Banking Corporation in the amount of US \$2.2 million and including US \$0.3 million interest, bringing the total principal repaid to date against the US \$28.5 million loan facility to US \$9.5 million.



**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED
DECEMBER 31, 2021 AND 2020**

Corporate Head Office:

Suite 600, 505 – 2nd Street SW
Calgary, Alberta, Canada, T2P 1N8
Telephone: (403) 265-4356
Email: tv-info@tvipacific.com
Web: www.tvipacific.com

Corporate Directory:

Clifford M. James, President and Chief Executive Officer
Telephone: (403) 265-4356
Email: tv-info@tvipacific.com

Patrick B. Hanna, Chief Financial Officer
Telephone: (403) 265-4356
Email: tv-info@tvipacific.com

Registrar and Transfer Agent:

Computershare Trust Company of Canada
800, 324 – 8th Avenue SW
Calgary, Alberta, Canada T2P 2Z2
Telephone: (403) 267-6800

Share Listing:

TSX-Venture Exchange Symbol: TVI

Auditors:

PricewaterhouseCoopers LLP
3100, 111–5th Avenue SW
Calgary, Alberta, Canada T2P 5L3
Telephone: (403) 509-7500