



# VELOCITY

## MINERALS LTD.

### MANAGEMENT'S DISCUSSION AND ANALYSIS FOR THE PERIOD ENDED SEPTEMBER 30, 2019

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REPORT DATE:

**November 28, 2019**

This Management Discussion and Analysis (the "MDA") provides relevant information on the operations and financial condition of Velocity Minerals Ltd. (the "Company") as at and for the nine months period ended September 30, 2019.

The Company is in the business of mineral exploration, currently focused in Bulgaria, Eastern Europe. Activities include the evaluation, acquisition and exploration of mineral exploration properties in search of economic mineral deposits. The realization of amounts shown for exploration and evaluation assets is dependent upon the discovery of economically recoverable reserves and future profitable production or proceeds from the disposition of these assets. The carrying values of exploration and evaluation assets do not necessarily reflect their present or future values.

All monetary amounts in this MDA and in the consolidated financial statements are expressed in Canadian dollars, unless otherwise stated. Financial results are being reported in accordance with International Financial Reporting Standards ("IFRS").

The Company's certifying officers, based on their knowledge, having exercised reasonable diligence, are responsible to ensure that these filings do not contain any untrue statement of material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it was made, with respect to the period covered by these filings, and there associated consolidated financial statements together with other financial information included therein. The Board of Directors' approves the consolidated financial statements and MDA and ensures that management has discharged its financial responsibilities.

The MDA should be read in conjunction with the Company's consolidated financial statements and notes thereto for the year ended December 31, 2018.

The Company is registered in the province of British Columbia. Its principal office is located at Suite 2300 – 1177 West Hastings Street Vancouver, BC, V6E 2K3. Its registered and records office is located at Suite 1170 – 1040 West Georgia Street, Vancouver, BC, V6E 4H1.

#### **DESCRIPTION OF BUSINESS**

Velocity Minerals Ltd. is a gold exploration and development company focused on Eastern Europe. The Company's management and board include mining industry professionals with experience spanning Europe, Africa, Asia and the Americas as employees of major mining companies as well as founders and senior executives of junior to mid-tier public companies. The teams' experience includes all aspects of mineral exploration, resource definition, feasibility, finance, mine construction and mine operation as well as a track record in managing publicly listed companies.

The Company is currently focused on exploration assets in Bulgaria, which is a member of the European Union (2007) with a mining law that was established in 1999 and updated in 2011. The local currency (BGN) has been tied to the Euro since 1999 (1.956 BGN/EUR). The country is served by modern European infrastructure including an extensive network of paved roads. Mining royalties compare favourably with more established mining countries like Canada, Peru and Chile. Bulgaria also boasts an exceptionally low corporate tax rate of only 10% and the country's education system is excellent with good availability of

experienced mining professionals in a favourable cost environment. Foreign mining companies are successfully operating in Bulgaria. Despite the positive operating environment, the number of established companies is low and Velocity is among the first movers in a new influx of foreign mining investment.

The Company's management and board believe that local knowledge and experience are essential components of successful mining investment in a foreign jurisdiction. Velocity Minerals has entered into one joint venture and three property option agreements with Gorubso Kardzhali A.D. ("Gorubso"), an established and respected mining company in Bulgaria. In addition, the Company and Gorubso have entered into an Exploration and Mining Alliance as outlined in more detail below. Gorubso operates the underground Chala Gold Mine (since 2006) and the Kardzhali Carbon In Leach (CIL) plant ("CIL Plant") (since 2011), which produces gold doré. Gorubso is the first and only company in Bulgaria to have secured a permit for cyanide-related processing of gold ores. Velocity's management has a long-standing relationship with Gorubso as well as abundant previous experience in Bulgaria and elsewhere in the region.

## **FORWARD LOOKING AND CAUTIONARY STATEMENTS**

This MD&A contains forward-looking statements and forward-looking information (collectively, "forward-looking statements") within the meaning of applicable Canadian and U.S. securities legislation, including the United States Private Securities Litigation Reform Act of 1995 concerning the business, operations and financial performance and condition of the Company. All statements, other than statements of historical fact, included herein including, without limitation, statements regarding future capital expenditures and financings (including the amount and nature thereof), anticipated content, commencement, and cost of exploration programs in respect of the Company's projects and mineral properties, anticipated exploration program results from exploration activities, the discovery and delineation of mineral deposits, resources and/or reserves on the Company's projects and mineral properties, and the anticipated business plans and timing of future activities of the Company, are forward-looking statements. Although the Company believes that such statements are reasonable, it can give no assurance that such expectations will prove to be correct.

Often, but not always, forward looking information can be identified by words such as "pro forma", "plans", "expects", "may", "should", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", "believes", "potential" or variations of such words including negative variations thereof, and phrases that refer to certain actions, events or results that may, could, would, might or will occur or be taken or achieved.

Forward looking information involves known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to differ materially from any future results, performance or achievements expressed or implied by the forward-looking information. Such risks and other factors include, among others;

- the Company's strategies and objectives, both generally and in respect of its specific mineral properties or exploration and evaluation assets
- the ability of the Company to obtain sufficient financing to fund its business activities and plans on an ongoing basis
- operating and technical difficulties in connection with mineral exploration or development or mine development activities for the Company's projects generally, including the geological mapping, prospecting, drilling and sampling programs for the Company's projects
- actual results of exploration activities, including exploration results, the estimation or realization of mineral resources and mineral reserves, the timing and amount of estimated future production, costs of production, capital expenditures, and the costs and timing of the development of new deposits,
- possible variations in ore grade or recovery rates, possible failures of plants, equipment or processes to operate as anticipated, accidents, labour disputes and other risks of the mining industry
- delays in obtaining governmental and regulatory approvals (including of the TSX Venture Exchange), permits or financing or in the completion of development or construction activities

- changes in laws, regulations and policies affecting mining operations, hedging practices, currency fluctuations, title disputes or claims limitations on insurance coverage and the timing and possible outcome of pending litigation, environmental issues and liabilities, risks related to joint venture operations, and risks related to the integration of acquisitions
- requirements for additional capital, future prices of precious metals, changes in general economic conditions, changes in the financial markets and in the demand and market price for commodities
- those factors discussed under the headings “Risk and Uncertainties” and “Financial Instruments and Risk Management” in this MDA and other filings of the Company with the Canadian Securities Authorities, copies of which can be found under the Company's profile on the SEDAR website at [www.sedar.com](http://www.sedar.com).

Readers are cautioned not to place undue reliance on forward-looking statements. The Company undertakes no obligation to update any of the forward-looking information in this presentation or incorporated by reference herein, except as otherwise required by law.

## **EXPLORATION PROJECTS**

The Company is focused on gold exploration and development. All of the Company's material projects are located in southeastern Bulgaria. Velocity's management and Board include mining industry professionals with experience spanning Europe, Asia and the Americas as employees of major mining companies as well as founders and senior executives of junior to mid-tier public companies. The team's experience includes all aspects of mineral exploration, resource definition, feasibility, finance, mine construction and mine operation as well as a track record in managing publicly listed companies.

### **Exploration and Mining Alliance – Bulgaria**

In January 2018, Velocity entered into a binding letter agreement with its Bulgarian partner Gorubso Kardzhali A.D. (“Gorubso”), which sets out the terms by which Velocity and Gorubso will form an exploration and mining alliance (the “Alliance”) covering all existing and future Gorubso and Velocity projects (the “Projects”) within an area of 10,400km<sup>2</sup> (the “Alliance Area”). In September 2018, the Company and Gorubso entered into a definitive “Exploration and Mining Alliance Agreement” (the Alliance Agreement), which outlined the terms of the Alliance in more detail.

Highlights of the Agreement include:

**Alliance Objectives** -- The Agreement contemplates the exploration, development, and mining, as applicable, of the Projects and provides for an option/joint venture mechanism by which Velocity and Gorubso will partner to maximize value for both parties.

**Access to Processing Plant** -- Gorubso will make its central gold processing plant available to all Projects to process all future mined material as necessary. Securing use of the processing plant provides Velocity and the Alliance with reduced project risk, as well as potential capital and time savings.

**Chala Gold Mine** -- At Gorubso's operating Chala gold mine (“Chala Mine”), Velocity had an option to acquire a 50% beneficial interest upon reaching \$1 million in exploration expenditures and to form a joint venture with Gorubso for the further development and expansion of the mine. The Company has completed an initial exploration program and elected not to complete the option earn-in and has subsequently and withdrawn from the Chala option.

**Advanced Exploration Properties** -- Velocity will have an opportunity to complete option agreements on all Gorubso Projects, whereby it can earn a 70% interest in the Projects on similar terms to the current option for the advanced Rozino gold project. In February 2019 the Company signed option agreements for two additional Projects, Nadezhda and Momchil. In September 2019, the Company signed an option agreement for the Sedefche Project.

## **CIL Processing Plant - Bulgaria**

Gorubso owns and operates a modern gold processing plant (the “CIL Plant”), which provides crushing, grinding, gravity, carbon-in-leach, elution, electro-winning, gold doré production and tailings management facilities. The CIL Plant is centrally located within the Alliance Area. Under the terms of the Alliance Agreement, Gorubso will make the Plant available for the processing of mineralized material from current and future properties. Material processed by the Alliance at the CIL Plant will be charged to any joint venture entities on a cost-plus basis.

Securing the use of the CIL Plant provides significant technical and financial risk reduction, as well as potential capital and time savings. Most importantly, securing the use of the processing facility significantly reduces permitting risk and delays that might otherwise arise if a processing plant had to be permitted and built prior to development of any Projects.

The use of the CIL Plant has been included in the NI 43-101 preliminary economic assessment (the “PEA”) completed for Velocity’s Rozino project, Tintyava Property.

## **Tintyava Property and Rozino Gold Project – Bulgaria**

The Rozino gold project (“Rozino”) is currently the Company’s most advanced asset.

### ***Property Description***

The Rozino gold deposit is located within the Tintyava Property, which lies within the municipalities of Ivaylovgrad and Krumovgrad in southeast Bulgaria approximately 350 kilometres (km) by road east-southeast of the capital, Sofia. In 2016, Gorubso, won a competitive tender to acquire a prospecting and exploration licence covering the Property (together with any after-acquired extraction rights, the “Tintyava Licence”). The licence is held by Tintyava Exploration EAD (“Tintyava Exploration”), a wholly-owned subsidiary of Gorubso. In July 2017, Velocity’s wholly-owned Bulgarian subsidiary, Kibela Minerals AD (“Kibela”) entered into an option agreement, under the terms of which Kibela had the right to acquire an undivided 70% legal and beneficial interest in the Tintyava Licence through delivery to Gorubso of a preliminary economic assessment on the Tintyava Property (the “PEA”) and completion of certain government exploration work commitments (“Commitments”) at the Rozino deposit up to the date of exercise of the option and, regionally within, the Tintyava Property up to the end of 2019. The funding requirements for the local and regional Commitments have been met and the governmental renewal report, together with JV commitments to spend a further \$1,000,000 within the Tintyava Licence before June next year will be lodged with the Ministry of Energy by year-end. The intention of Velocity is to extend the Tintyava Licence for a minimum of 1 year in May 2020 with the option to extend a further 1 year in June 2021.

On October 31, 2018, Velocity delivered to Gorubso a PEA prepared under National Instrument 43-101 of the Canadian Securities Administrators. Following delivery of the PEA, Velocity has earned an undivided 70% interest in the Tintyava Licence, subject to an undertaking to complete and fund the 2019 Commitments. The Tintyava Property is held by a Bulgarian corporation, Tintyava Exploration EAD (“Tintyava Exploration”), which during the option period was owned 100% by Gorubso. On March 1, 2019, the Company (through its subsidiary Kibela Minerals AD, “Kibela”) entered into a shareholder’s agreement with Gorubso regarding Tintyava Exploration and 70% of the shares of Tintyava Exploration were transferred to Kibela.

The change in control was recorded as an asset purchase, and on consolidation, the Company’s investment in Tintyava is eliminated. On consolidation, the fair value of the net assets of Tintyava are combined with the accounts of the Company.

The non-controlling interest in the fair value of Tintyava’s net assets on consolidation was calculated to be \$942,607. The consolidated statement of loss and comprehensive loss includes only the profit and loss of Tintyava subsequent to March 1, 2019.

The technical information included below is sourced from an independent PEA Technical Report (the “Report”) entitled “Preliminary Economic Assessment - Rozino Project, Tintyava Property, Bulgaria”, which is dated October 26, 2018 (effective date September 17, 2018) and was prepared by CSA Global, an international mining consultancy with experience in Bulgaria, in accordance with National Instrument 43-101 *Standards of Disclosure for Mineral Projects*. As the information is necessarily summarized, readers are encouraged to review the full Technical Report, which is available on the Company’s web site and on SEDAR.

## ***Accessibility, Climate, Local Resources, Infrastructure and Physiography***

The Tintyava Property is approximately 350 km by road east-southeast of Sofia. It is accessible year-round by sealed roads with forestry roads and historical drill tracks providing year-round access within the Property by four-wheel drive vehicle. Evaluation of the Project is at an early stage and details of labour sources and infrastructure, power and water for future potential mining have not yet been established. The Project area's average annual temperature is around 12°C, ranging from around 2°C in January to 24°C in July. Maximum rainfall occurs during November and December, with rainfall of up to 100 millimetres (mm) per day. Exploration activities can be undertaken throughout the year. The local terrain is characterized by low mountains and predominantly levelled hills and is cut by steep valleys with an altitude ranging from 70 m to 700 m and averaging around 320 m. In the deposit area, elevation averages around 470 mRL in the north, reducing to approximately 300 mRL in the south. Small villages are dispersed widely throughout the licence area and the inhabitants are primarily involved in subsistence farming, particularly livestock and the growing of tobacco. The other main land use within the licence area is state controlled forestry. Rozino village is largely deserted. There is a 20 kV power transmission line 2.5 km from the Project and while the villages have electrical power, additional power will be required for the development of the Project.

## ***History***

Modern exploration of the Tintyava Property commenced by GeoService Engineering AD ("Geoengineering") in the 1980s. Geoengineering drilled 86 vertical diamond holes for 14,289 m. Geoengineering did not document drilling, sampling and assaying protocols. Hereward began exploration in 2001 and completed three phases of drilling between 2004 and 2007 totalling 7,995 m, of which 2,733 m was completed in joint venture ("JV") with Asia Gold. Additional work completed during this time included surface mapping, trenching and metallurgical test-work. In 2009, the original prospecting licence containing the Rozino deposit was due for expiry and Hereward in JV with Caracal Gold LLC, through a local JV company, Cambridge Caracal Bulgaria EAD ("Caracal"), submitted a "Technical and Economic Assessment" report in order to maintain their rights for the deposit. Caracal submitted a small underground mine design in order to reduce environmental permitting. The application was rejected by the Bulgarian government, who considered that an open pit mine design was required and, despite extensive dialogue between the parties, in 2013 the original prospecting licence was cancelled.

## ***Geology and Deposit Type***

Rozino is a low sulphidation epithermal ("LSE") gold deposit, predominantly hosted by Palaeogene breccia and conglomerate sedimentary rocks. Mineralization includes disseminations, replacement and veins, with pyrite (with rare traces of base metals and arsenopyrite) associated with gold present at sulphide mineral boundaries and to a lesser degree as free grains or encapsulated inclusions. The dominant mineralization trend is northwest parallel to the regional extensional fault regime, with local mineralization development controlled by the intersection of steep structures sub-parallel to the extensional faults, gently dipping bedding and the metamorphic basement-sediment unconformity contact. Drilling has intersected mineralization over an area around 1,000 m by 800 m to a vertical depth of around 190 m. The mineralization is interpreted to be completely oxidized to an average depth of around 8 m, with fresh rock occurring at an average depth of around 19 m.

## ***Resource Sampling and Assaying***

The estimates are based on drilling information available on the 30th of May 2018. The sampling database includes 197 diamond holes completed by Velocity, Hereward Ventures Ltd ("Hereward"), and a Joint Venture between Hereward and Asia Gold Corp ("Asia Gold") during the mid-2000's, and Bulgarian state company Geoengineering in the 1980's. Few details of sampling and assaying are available for the Geoengineering drilling. Although data from these holes were used to aid mineralized domain interpretation, they were excluded from the estimation dataset. The Estimation Dataset includes diamond holes drilled by Hereward, Asia Gold and Velocity and comprises 90 holes for 13,588 m. Samples from Velocity's diamond drilling provide 67% of the Estimation Dataset, with Hereward and Asia Gold drilling contributing 28% and 5%, respectively.

Hole spacing varies from around 50 by 50 m and locally closer in central portions of the deposit, to around 100 by 100 m in peripheral areas. Exploratory drilling outside the current resource area is generally very broadly spaced. For Velocity's diamond drilling all on-site core handling and sampling was supervised by Velocity geologists. The core was sampled over generally one metre down-hole intervals and generally halved for assaying with a diamond saw. The core samples were collected in sealed plastic bags and placed in plastic drums with tamper-evident seals for transport to ALS Minerals laboratory in Romania by an individual directly employed by Velocity for analysis by thirty-gram fire assay. Information available to

demonstrate sample representivity and the reliability of sampling and assaying for Velocity's diamond drilling includes core recovery measurements, and assay results for field duplicates, coarse blanks and certified reference standards. These data have established that the assaying is representative and free of any biases or other factors that may materially impact the reliability of the analytical results.

Hereward and Asia Gold's monitoring of sampling and assay reliability included duplicates and blanks for both data sets and certified reference standards for Asia Gold's drill results. These data are not available for the current review. An independent Qualified Person employed by Asia Gold in 2005 audited Hereward's sampling and assaying and considered the results to be sufficiently reliable for use in preliminary resource estimation.

Comparison of gold grades from the combined dataset of Hereward and Asia Gold drilling with nearby data from Velocity drilling shows similar average grades and supporting the general reliability of drilling, sampling and assaying for the Hereward and Asia Gold drilling. Quality control measures adopted for Velocity's Rozino diamond drilling have established that the sampling and assaying is representative and free of any biases or other factors that may materially impact the reliability of this data. Reliability of the Hereward and Asia Gold data has not been established with the same degree of rigour. This does not significantly affect confidence in the current Inferred Mineral Resource estimates. Sample preparation, security and analytical procedures adopted for the Rozino drilling provide an adequate basis for the current Mineral Resource estimates.

### ***Mineral Processing and Metallurgical Testing***

Material collected for metallurgical test-work, is considered representative of the deposit, considering the current stage of Project development. Test-work shows the optimal process option for treating the Rozino mineralization is bulk sulphide flotation using conventional flotation reagents at a grind size of nominally 80% passing 75 µm to produce a gold-bearing sulphide concentrate. Pyrite is the dominant sulphide and the concentrate is essentially a pyrite concentrate. The gold-bearing pyrite concentrate is readily amenable to processing in a conventional CIL circuit to extract the gold in the pyrite concentrate with subsequent smelting to produce gold doré. Leach residence time is expected to be between 36 hours and 48 hours. Adequate test-work data is available on the process to provide operating parameters for flowsheet design and major equipment sizing within the contingency allowances normally associated with a PEA. The Base Case comminution circuit for the PEA is a three-stage crushing followed by a conventional ball mill. This comminution circuit minimizes capital cost and also reduces the technical and operating risk associated with a semi-autogenous grinding (SAG)/ball mill design which presently lacks SAG mill amenability test-work results.

### ***Mineral Resource Estimation***

Mineral Resources included in the PEA were estimated by Multiple Indicator Kriging of 2 m down-hole composited gold grades from diamond drilling by Hereward, Asia Gold and Velocity. Estimated resources include a variance adjustment to give estimates of recoverable resources above gold cut-off grades for selective mining unit (SMU) dimensions of 4 m east by 6 m north by 2.5 m in elevation. Estimated resources are constrained within a mineralized envelope interpreted from composited gold grades and geological logging from diamond drilling and surface trenches. The envelope captures intervals of greater than 0.1 g/t, with the lower boundary reflecting the contact between variably mineralized sedimentary rocks and un-mineralized basement. It covers an area of approximately 700 m by 800 m. Estimated resources extend to the base of mineralized drilling at around 190 m depth, with around 90% of estimates from depths of less than 105 m and less than 1% from below 140 m.

The Mineral Resource estimates have been classified and reported in accordance with NI 43-101 Standards of Disclosure for Mineral Projects and the classifications adopted by the CIM in May 2014. The estimates are classified as Inferred, primarily reflecting the drill-hole spacing and uncertainty over the reliability of sampling data collected prior to Velocity's involvement.

Table 1 presents Mineral Resources estimated for Rozino for selected cut off grades. The figures in this table are rounded to reflect the precision of the estimates and include rounding errors.

Table 1: Rozino Inferred Mineral Resource estimates at selected cut-offs

Effective date of estimates: 10 <sup>th</sup> September 2018			
Cut-off (Au g/t)	Tonnes (Mt)	Grade (Au g/t)	Metal (Au koz)
0.2	50	0.59	948
0.3	31	0.80	797
0.4	22	0.98	693
0.5	17	1.17	639
0.6	13	1.37	573
0.7	9.7	1.57	490
0.8	7.8	1.78	446
0.9	6.4	1.98	407
1.0	5.4	2.18	378
1.2	4.0	2.56	329
1.5	2.8	3.07	276

### **Mining Method**

The mining method proposed within the PEA is that of conventional open pit mining. The overall slope angle (“OSA”) for the open pit was set to 30° for the weathered material (Regolith and Oxide), 35° for the transitional and 45.3° for fresh material. These material types were coded into the block model. The Western sector of the pit required a flatter OSA for the fresh material and required an OSA of 40°.

Key input assumptions for the open pit optimization are listed below.

- Waste mining cost of US\$2.65/tonne
- Flotation process cost of US\$4.42/tonne
- CIL process cost of US\$39.03/tonne<sub>concentrate</sub> (US\$1.72/tonne<sub>milled</sub>)
- Other costs of US\$7.70/tonne <sup>Note 1</sup>
- Gold price of US\$1,250/oz
- Overall gold recovery to doré of 79.2%

Note 1: Other costs include On-mine, Off-mine, Environmental Provision, Ore Incremental Costs, Contractor Monthly Management Fee and Sustaining Cost.

Mining by conventional open pit methods such as drill and blast followed by load and haul will be employed. Drilling and blasting will be performed on 5 m benches, as will loading of the blasted material. Where possible in the near surface weathered zone, “free dig” mining will be carried out (i.e. without drilling and blasting). Ripping by bulldozer may also be employed in transitional to reduce the quantity of drilling and blasting required. The envisaged scale of mining at the Rozino deposit is relatively small with a peak total material movement of approximately 7 Mtpa. The annual processing plant feed requirement is approximately 1.75 Mtpa.

The mining fleet will consist of hydraulic excavators in backhoe configuration (90-tonne class) and 45 tonne capacity off highway articulated dump trucks. The estimated fleet size 3 x 90-tonne class excavators and 18 x 45-tonne class trucks will be the peak requirement. It is not anticipated the fleet size will increase significantly due to topography and the reference elevation. The primary mining fleet of trucks and excavators will be supported by standard open-cut drilling and auxiliary equipment.

Waste material will be hauled to the allocated waste rock dump positions to the east of the pit. Rock fragmentation, aside from any free dig or ripping of ore, will be accomplished through drilling and blasting. In-pit water management will primarily

consist of runoff control and sumps. The dewatering infrastructure and equipment will be sized to handle groundwater inflows and precipitation. The surface water handling plan will be based on diverting as much surface water as possible away from the open pits, collecting it using ditches and sumps and then pumping it where necessary to a mine water pond. As the pit deepens, intermediate sumps may be required on the pit walls as well as on the surface between the pit and the mine water pond.

The proposed open pit mining operation at Rozino is considered relatively low risk from a technical mining operations standpoint for the following reasons:

- Mining rate of approximately 6 Mtpa will be required to sustain a 5,000 t/d plant feed, which is considered small and thus achievable.
- Mining equipment suitable for this sized operation will require 30–45-tonne articulated dump trucks and 90-tonne class excavators. This equipment is considered non-specialised and common with reasonable procurement and mobilization timeframes.
- Considering the size of the equipment proposed for the open pit mining operation, mobilization and demobilization of mining equipment should not present significant challenges for the transport of these mining machines.
- Site conditions are expected to be low to moderate difficulty in terms of climatic and topographical conditions.
- The Rozino site is accessible via an unsealed road (in reasonable repair) from the Rozino village which is accessed by sealed road and a 20 kV energy distribution line is located some 2 km to the north in the Rozino village.
- Siting of infrastructure is contained within a single watershed area located to the east of the open pit mining operation. The Project is expected not to discharge any water beyond the water storage facility into the general environment.
- Concentrate transport will require approximately 12 trucks per day transporting concentrate to an existing CIL plant located at Kardzhali (some 85 km by road). The required number of truck journeys is not considered to be a significant risk to public safety and other road users.

### ***Recovery Methods***

The optimal process route for treating the Rozino sulphide mineralization is flotation to produce a gold-bearing sulphide (pyrite) concentrate, followed by cyanidation of the concentrate in a conventional CIL circuit to produce gold doré. The process of gold recovery is to be by a combination of on-site preconcentration in a flotation plant (“Flotation Plant”) and further processing in an existing operating carbon-in-leach plant (“CIL Plant”) located in Kardzhali, 85km by road from Rozino. Saleable gold and silver doré will be produced at Kardzhali. Given the early stage of the Project’s development, limited test-work data was available to support the design. Database information, vendor advice and assumptions based on experience have been used in lieu of Project-specific criteria. The criteria allow for the definition of a preliminary mass balance, as well as the design and specification of equipment for the derivation of the Project capital cost estimate. In addition, it allows for the development of operating cost requirements such as power, water and reagents.

The Rozino Flotation Plant is designed to process 1.75 Mtpa of ore over the LOM following ramp-up. Being essentially a pyrite concentrator containing gold values, sulphur feed grades are expected to largely dictate concentrate production rates but a final concentrate mass pull of 4.5% by weight has been adopted. Assuming a plant availability of 92%, the operating regime for the Flotation Plant has been set at 8,059 hours per annum (h/a), which is typical for a plant of this level of complexity and size. This sets the nominal throughput at 217 dry tonnes per hour. Recoveries of sulphur and gold to flotation concentrate have been estimated from the available test-work carried out on the master composite sample representing sulphide mineralization from the Rozino deposit.

Based on a concentrate mass pull of 4.4% by weight, the CIL Plant is designed to process approximately 80,000 t/a of concentrate. Assuming a CIL Plant availability of 92%, the operating regime for the CIL Plant has been set at 8,059 h/a, which is typical for a plant of this level of complexity and size. This sets the nominal throughput at 10 dry t/h. The concentrate leach



recovery has been estimated from the available test-work carried out on the cleaner concentrate sample obtained from the open cycle cleaner test undertaken at Eurotest Control EAD (“Eurotest”) on the master composite sample.

### ***Project Infrastructure***

The Rozino deposit is a brownfield mining prospect and no infrastructure currently exists at the proposed mining operations. The site is currently accessed from the main sealed road via an unsealed dirt road in reasonable repair. The village of Rozino, located 2 km to the north of the Project is electrified with a 22 kV supply stepped down from 110 kV main distribution line located some 22 km to the north. Preliminary surface water and groundwater estimates have indicated that the Project will have a negative water balance and approximately 50% of the mining and processing requirements will be augmented by a planned well field. The plant electrical power will be supplied by the local power authority via an overhead high voltage transmission line supplied from the Rozino 20 kV substation. A 20 kV main substation will be established at the plant site to facilitate power distribution to various areas within the plant.

The Project water management plan is central to maintaining an appropriate environmental and operational performance for the Project. The principle adopted for site water management is to intercept and control water flowing within the operational areas to ensure that it stays within a single watershed area located to the east of the mine operations. This contact water will report to the water storage facility located at the lowest elevation of the watershed. The water will then be pumped back to the water storage tanks located at the processing facility for use in the process plant and mining operation. The proposed water storage facility will have a capacity of 1 million m<sup>3</sup> (approximately 75% of the annual consumption at a usage of 0.8 m<sup>3</sup> per tonne processed). A preliminary hydrological study has indicated that up to 650,000m<sup>3</sup> per annum of surface runoff and groundwater inflows is to be expected. Considering this, it is anticipated the Project will have a negative water balance on an annual basis and will require additional sources of make-up water to supplement the groundwater and surface runoff quantities.

The concept of the flotation tailings storage facility (“TSF”) is to place flotation tailings into a main storage impoundment (located directly to the east of the main pit within a valley and watershed area) from mine rock and/or dehydrated tailings.

The proposed access road to the plant site is an existing unsealed road approximately 13 km in length which runs from the 59 main sealed road through Konnitsi village to Rozino village, thereafter the roads become exploration dirt tracks with varying condition.

### ***Marketing Studies***

No market studies have been completed by the Company to date, and no existing contracts are in place.

### ***Environmental***

Velocity is still developing the Project design but has initiated the environmental and social impact assessment (“ESIA”) process early, as results can be used to improve the design, as well as maximizing the benefits of the ESIA without incurring excessive costs. All necessary permits to conduct the work proposed for the property have been obtained and there are no known significant factors or risks that may affect access, title or the right or ability to perform work on the Property. The prospecting licence agreement for the Tintyava Property has been signed with the Minister of Energy and exploration activities have been approved by the Ministry of Environment.

Under the Bulgarian Environment Protection Act, the development of an economically viable mining reserve will require an Environmental Impact Assessment (“OVOS”) which is, in part equivalent to an international ESIA. Furthermore, the Project is located within the Eastern Rhodope mountains, which is an area of wide biodiversity. As such, an environmental assessment of the potential mining project “compatibility assessment” is required to comply with Bulgarian Law and the European Union Natura 2000 Habitats Directive. An initial compatibility assessment was conducted for the approved exploration program within the prospecting licence area and a second assessment for exploitation is underway as part of the OVOS and ESIA process.

The ESIA will include an assessment of the environmental and social impacts of the Project’s planned development compared to existing conditions. Velocity has commenced baseline monitoring to characterize environmental conditions, including groundwater levels and quality, surface water quality, air quality (specifically airborne dust) and ecology, and will continue to observe any changes in the social environment of the Project area. The Project is likely to give rise to a range of

environmental and social impacts. Velocity is committed to managing the impacts of its operations, in conformance with recognized international best practice. Mitigation measures will be developed through the ESIA process in order to manage potential impacts and implemented to effective environmental and social development, operation and closure of the Project. An environmental management plan will be developed to ensure that appropriate control and monitoring measures are in place to deal with all significant impacts of the Project. The plan has been designed so that it can be reviewed and updated throughout the life of the Project.

### ***Capital and Operating Costs***

Capital costs for mining have been calculated from international benchmarked contractor rates for mobilization of equipment and construction on a mine services area that includes heavy equipment workshops, store and administrative structures. Mining capex has been estimated at US\$4.75M (CAD\$6.32M). The Flotation Plant capital cost estimate has been calculated from international benchmarked capital costs based on similar-sized flotation processing plants. A capital allowance has been calculated for the tailings management facility and water storage facilities at the Rozino site based on international benchmarking capital rates in conjunction with estimated dam wall volumes. Flotation Plant estimated capital costs total US\$38.27M (CAD\$50.90M). At the CIL Plant, a US\$0.7 million capital expenditure provision for has been estimated for the construction of a truck off-load facility, concentrate storage, re-pulping facility, additional gold stripping vessel and electrowinning cell. The remaining equipment and facilities at the CIL Plant have been determined to be of adequate size and condition and will require no further capital expenditure. Total Project Capital requirements (including EPCM and contingency) are estimated to be US\$73.2M (CAD\$97.4M). The mine operating costs were estimated from international benchmarked contractor mining rates and calculated per period based on the mine production schedule. Total LOM mine unit cost is estimated to be US\$0.24/t mined (US\$272/gold oz).

The processing costs for the Flotation Plant were estimated from international benchmarked rates and calculated per period based on the process feed schedule. Flotation plant unit costs is estimated to be US\$4.38/t (US\$113.8/gold oz). The processing costs for the CIL Plant were estimated from actual and budget estimates for the operating CIL Plant and adjusted for expected concentrate throughput concentrate production schedule. CIL Plant unit cost is estimated to be US\$1.80/t of concentrate (US\$46.7/gold oz). The on-mine costs for the Rozino site were estimated from first principles based on local labour rates (derived from similar operations within the region) and includes provision for stores and equipment. One mine unit cost is estimated to be US\$3.09/t (US\$80.1/gold oz). A concentrate transport cost of US\$0.14/tonne/km has been used to calculate the cost attributable to the transportation of the gold bearing concentrate. The concentrate is required to be trucked 85 km to the Gorubso processing facility located in the city of Kardzhali, equating to an additional transport cost of US\$11.9/tonne concentrate or US\$0.6/tonne milled ore. Additional operating costs of 4% for sustaining capital and US\$0.75/tonne ore for the environmental provision was allowed in the operating cost estimate. Total operating unit cost is estimated to be US\$20.92/t (US\$543.3/gold oz).

### ***Economic Analysis***

A standard discounted cash flow (“DCF”) method of financial valuation is used to value the Rozino Project. The DCF model is reported at 100% attributable equity. Key inputs to the financial valuation such as the Run Of Mine (“ROM”) production profile, operating costs and capital costs have been described in detail in the preceding sections of this report. The DCF model has utilised US\$ as the base currency as majority of capital and operating cost estimates are based in US\$. Where stated (specifically in the output and reporting numbers), a Rate of Exchange of C\$0.75 to US\$1 has been used for currency conversion. Corporate tax rates in Bulgaria are 10% payable on positive cash flows from operations. A five-year straight line depreciation method of redeeming capital expenditure has been used to amortise the capital cash flows. Cash flows are discounted at 5% to obtain an NPV of the Project. Key financial assumptions are presented in the tables below.

Table 2: Key Project overview and metrics

<b>Project Overview</b>	<b>Units</b>	
<b>Mining</b>		
Total ore production	kt	9,471
Total waste production	kt	23,679
Total mined	kt	33,150
Metal mined	koz	461
Mine life	years	6.1
Steady state ROM production	kt/a	1750
Year at steady state	years	4.0
Average production rate	kt/d	4.3
<b>Average head grades</b>		
Au	g/t	1.51
<b>Processing</b>		
Overall metallurgical recovery	%	79.2%
<b>Payable Au</b>		
	LOM koz	365
	average koz/year	60

Table 3: Summary of LOM operating costs

<b>Operating costs</b>		<b>US\$/tonne</b>	<b>C\$/tonne</b>
Mining	\$/tonne	10.47	13.96
Flotation plant on site	\$/tonne	4.38	5.84
Milling (CIL to doré)	\$/tonne	1.80	2.40
On-mine	\$/tonne	3.09	4.11
Off-mine	\$/tonne	0.00	0.00
Environmental provision	\$/tonne	0.75	1.00
Sustaining capital	\$/tonne	0.43	0.57
All-in opex	\$/tonne	20.92	27.89
All-in opex (AISC)	\$/Au oz <sub>pay</sub>	543.31	724.41

Table 4: Summary of initial capital costs

<b>Capital costs</b>	<b>US\$M</b>	<b>C\$M</b>
<b>LOM capital</b>	<b>73.2</b>	<b>97.6</b>
Mine infrastructure	4.8	6.3
Flotation plant on site	41.4	55.2
TSF	10.3	13.7
Water treatment plant	0.0	0.0
Gorubso upgrades	0.5	0.7
Study costs	0.0	0.0
Owner's cost	1.9	2.6
Indirects	0.8	1.1
EPCM	6.9	9.1
Contingency	6.7	8.9

Key financial outcomes are presented in the table below:

Table 5: Summary of economic results

Summary of economic results	Units	
<b>Pre-tax</b>		
NPV @ 0%	US\$M	168.2
	C\$M	224.3
NPV @ 5%	US\$M	108.6
	C\$M	144.8
IRR	%	35.1%
Payback (Project Start)	years	4.2
Payback (Production Start)	years	2.2
<b>After-tax</b>		
NPV @ 0%	US\$M	151.4
	C\$M	201.8
NPV @ 5%	US\$M	96.9
	C\$M	129.2
IRR	%	33.1%
Payback (Project Start)	years	4.3
Payback (Production Start)	years	2.3
ROCE	EBIT/CE	3.3

### ***Adjacent Properties***

The Ada Tepe deposit (known as the “Krumovgrad Project”) is the most significant gold mineralization within the region. The property is owned by Dundee Precious Metals (“DPM”) who is currently commissioning the plant of its Krumovgrad Project to exploit the Ada Tepe and Surnak deposits (6.2 Mt @ 4.0 g/t Au for 807 koz Au). First gold production at the Krumovgrad Project is slated for Q4, 2018.

### ***Interpretation and Conclusions***

The Mineral Resource estimate prepared for the Rozino Project has prospects of eventual economic extraction, classified in the Inferred category and thus suitable for inclusion in a PEA study. The PEA concludes that, at the current level of study, it is possible to mine the deposit via conventional open pit mining with a 1.51g/t gold LOM grade (at a 0.6g/t gold cut-off grade) and 2.5:1 average strip ratio. Processing by standard flotation suggests it is possible to achieve a gold concentrate grade of 30g/t gold and via transport of concentrate to an existing CIL plant, production of gold doré as a saleable product. Specific conclusions are set out in the sub-sections below.

### ***Geology and Mineral Resources***

- Rozino is an LSE gold deposit hosted within Palaeogene sediments as disseminations, replacement and vein mineralization. The dominant mineralization trend is northwest parallel to the regional extensional fault regime, with local mineralization development controlled by the intersection of steep structures sub-parallel to the bounding extensional faults and gently dipping bedding.
- The Mineral Resource estimates described in this report are based on drilling information available on the 30<sup>th</sup> of May 2018. The sampling database includes 197 diamond holes completed by Velocity, Hereward, Asia Gold and Geoengineering.
- Few details of sampling and assaying are available for the Geoengineering drilling. Although data from these holes were used to aid mineralized domain interpretation, they were excluded from the Estimation Dataset.
- The Estimation Dataset includes diamond holes drilled by Hereward, Asia Gold and Velocity and comprises 90 holes for 13,588 m. Relative to the dataset available for the previously disclosed March 2018 estimates, the current sampling database contains assay results for an additional 12 holes for 1,580 m of drilling. Samples from Velocity’s

diamond drilling provide 67% of the Estimation Dataset, with Hereward and Asia Gold drilling contributing 28% and 5%, respectively.

- Drilling has intersected mineralization over an area around 1,000 m by 800 m to a vertical depth of around 190 m. The mineralization is interpreted to be completely oxidized to average depth of around 7 m, with fresh rock occurring at an average depth of around 18 m.
- Hereward and Asia Gold holes are generally aligned sub-parallel with mineralization trends and define mineralized zones less robustly than Velocity's drilling which intersects mineralization trends at a greater angle providing a more reliable basis for resource estimation.
- Quality control measures adopted for Velocity's Rozino diamond drilling have established that the sampling and assaying is representative and free of any biases or other factors that may materially impact the reliability of this data. Reliability of Hereward and Asia Gold data has not been established with the same degree of rigour. This does not significantly affect confidence in the current Inferred Resource estimate. However, the reliability of the Hereward and Asia Gold data warrants further investigation as assessment of the Project continues.
- Sample preparation, security and analytical procedures adopted for the Rozino drilling provide an adequate basis for the current Mineral Resource estimates.
- Mineral Resources were estimated by Multiple Kriging of 2 m down-hole composited gold grades from diamond drilling by Hereward, Asia Gold and Velocity. Estimated resources include a variance adjustment to give estimates of recoverable resources above gold cut-off grades for SMU dimensions of 4 m east by 6 m north by 2.5 m in elevation.
- Estimated resources are constrained within a mineralized envelope interpreted from composited gold grades and geological logging from diamond drilling and surface trenches. The envelope captures intervals of greater than 0.1 g/t, with the lower boundary reflecting the contact between variably mineralized sedimentary rocks and unmineralized basement. Estimated resources extend to the base of mineralized drilling at around 190 m depth, with around 90% of estimates from depths of less than 105 m and less than 1% from below 140 m. The Mineral Resource estimates have been classified and reported in accordance with NI 43-101 and the classifications adopted by CIM Council in May 2014 (CIM, 2014). The estimates are classified as Inferred reflecting the drill-hole spacing and uncertainty over the reliability of sampling data from pre-Velocity drilling.

### *Metallurgy and Processing*

- Test-work shows that a gold bearing sulphide concentrate can be produced by standard flotation techniques, using conventional flotation reagents at a grind size of nominally 80% passing 75µm.
- The flotation concentrate can be treated in a conventional CIL circuit to extract the gold in the pyrite concentrate with subsequent smelting to produce gold doré. Leach residence time is expected to be between 36 hours and 48 hours.
- Predicted gold recovery to doré is 79.2%, based upon a flotation recovery of 91.4%, a leach recovery of 87.5%, and a 99% smelter recovery.
- Adequate test-work data is available on the process to provide operating parameters for flowsheet design and major equipment sizing within the contingency allowances normally associated with a PEA.
- The comminution circuit for the PEA is a three-stage crushing followed by a conventional ball mill. This comminution circuit minimises capital cost and reduces the technical and operating risk associated with a SAG/ball mill design which presently lacks SAG mill amenability test-work results.

## Mining

- The Rozino deposit supports a conceptually economic open pit mining operation. The basis of the economic evaluation was the open pit extraction of gold bearing material, flotation of gold-bearing material to produce a 25–30 g/t gold concentrate for transport to the CIL Plant.
- A selected 0.6 g/t gold cut-off yields approximately 9.5 Mt of gold-bearing material at 1.5 g/t gold average grade and strip ratio of approximately 2.5.
- The proposed open pit operation at Rozino is considered small and a mining rate of approximately 6 Mtpa will be required to sustain a 5,000 t/d plant feed at an average strip ratio of 2.5. Mining equipment suitable for this sized operation will require 30–45-tonne articulated dump trucks and 90-tonne class excavators. Considering the size of the equipment proposed for the open pit mining operation, mobilization and demobilization of mining equipment should not present significant challenges for the delivery of these mining machines.
- It is anticipated that open pit mining at Rozino should not present any specific challenges or difficulties as environmental conditions and site conditions are expected to be low to moderate difficulty in terms of climatic and topographical conditions.
- No infrastructure currently exists at the Rozino site; however, the site is accessible via an unsealed road (in reasonable repair) and a 20 kV energy distribution line is located some 2 km to the north in the Rozino village. Water requirements for processing and mining operations will require augmentation from a developed well-field as preliminary estimates show that the Project will be in negative balance.
- Siting of infrastructure has been limited to the eastern watershed area to ensure that minimal contamination of the environment occurs. A number of surface constraints exist at the site:
  - Potentially environmentally sensitive areas for flora and fauna
  - Private land ownership
  - State owned primary industry (forestry).
- Placement of proposed infrastructure has considered these areas and has as far as possible located infrastructure either outside of these areas or has minimised the impact on these areas. Considering this, it is noted that placement of Flotation Plant and mining infrastructure will require careful planning as the project progresses as areas for the placement of infrastructure are limited and the minimisation earthworks costs should be considered.
- Trucking of concentrate will require approximately 12 trucks per day to deliver gold bearing concentrate to the CIL Plant located at Kardzhali (some 85 km by road). The required number of truck journeys is not considered to be a significant risk to public safety and other road users.
- The following key risks to the Rozino Project:
  - Increased cost of energy supply infrastructure should the 20 kV line not be suitable to supply energy demands
  - Groundwater flows that will not be able to sustainably augment the negative water balance
  - Increased cost requirements due to legislative requirements for storage facilities (fill and stack, clear and grub and impoundment linings).

The preliminary economic indicators are favourable at a 0.6 g/t gold cut-off and production throughput of 1.75 Mtpa ore treated.

## *Environmental*

- There are few receptors in the area, with no human settlements in proximity. Velocity has commenced baseline studies for the ESIA and OVOS, and data collection continues with a view to developing a detailed database covering the Project area and potentially affected areas. The remoteness of the area and depopulation reduces the number of potentially affected people. The Project is located within a Natura 2000 designated area, and any projects within these areas require careful management and strict mitigation measures to minimise any adverse impacts. However, the Natura 2000 Habitat area covers much of southeastern Bulgaria, where many light and heavy industries operate, including large open pit mining operations. Climate data and weather data is being collected to compare to regional databases, to provide reliable data for the ESIA and design teams. Water data is also being collected, both from surface and groundwater sources.
- The exploration works are authorized through the approval of exploration permits and the compatibility assessment, which determined that exploration has a negligible impact on habitats and wildlife of the area. Additional biological surveys are continuing to verify the limited impact on sensitive habitats, and to determine potential for impact on protected birds, mammals and reptiles. Management measures have been recommended in the compatibility assessment and implemented by Velocity.
- The development of the Project is likely to give rise to a range of environmental and social impacts. However, assuming the implementation of mitigation measures proposed in the ESIA, these impacts are considered manageable and controllable. Therefore, the development, operation and closure of the Project could be undertaken in an effective environmental and social manner.

## *Water Management*

- The Rozino Project area is located in south-eastern Bulgaria in a Continental-Mediterranean climate. The Project area has an annual average precipitation estimated to be approximately 770 mm, with the highest average monthly rainfall occurring in December (>100 mm) and the lowest in August (<25 mm).
- The Rozino deposit is hosted within Palaeogene breccia and conglomerate sedimentary rocks, which are likely to have low permeability with enhanced permeability associated with geological structures and contact zones. Groundwater flow through the fresh rock will be primarily associated with geological fractures and fissures within the rock mass.
- Groundwater levels in the Rozino Project area range from above ground level (artesian) to approximately 50 m below ground level.
- Pit inflows will be derived from both groundwater and surface water (rainfall runoff) sources. Groundwater inflows into the pits are likely to be low to moderate, with enhanced inflows associated with zones of higher permeability. Surface water (rainfall runoff) inflows will be highly influenced by the seasonal rainfall patterns. The total annual average pit inflow volume, for the two pits, is predicted to be up to 490,000 m<sup>3</sup>, comprising annual average rainfall runoff/surface water inflows of approximately 175,000 m<sup>3</sup> and annual average groundwater inflows of approximately 315,000 m<sup>3</sup> (based on a total average inflow of 10 L/s).
- Pit inflows can be effectively managed by the commissioning of an appropriate pit dewatering systems. Based on the current pit designs and currently available data, an in-pit sump dewatering system capturing both groundwater and surface water inflows will be a feasible pit dewatering strategy. Inflows will gravity drain to an in-pit sump(s) at the base of the pit and will be subsequently pumped out of the pit to a sediment treatment system. Dewatering bores, targeting discrete zones of enhanced permeability, are another possible pit dewatering option; however, at this stage there is insufficient data to confirm whether they would be a feasible option.
- Depressurisation (if required) would likely be achieved primarily by horizontal drain holes installed, as needed, along benches within the pits.

- Standard surface water management principals should be adopted for the site. Based on the current pit designs, the two pit developments will have minor surface water drainage and diversion requirements to mitigation rainfall runoff from external catchments draining into the pits. There may also be the opportunity to gravity drain rainfall runoff along the upper benches within the pits, to discharge laterally outside the pit perimeter which would result in reduced dewatering requirements within the pit development and associated capital and operating costs.
- The process plant site would only require relatively minor surface water management works to divert rainfall runoff from the small upstream catchment to downstream of the plant site. The proportion of water supply required from the TSF and the raw water storage dam may dictate the surface water management logic in the vicinity of the two dams.
- A water storage dam with a design capacity of approximately 1 Mm<sup>3</sup> is proposed to be constructed in the catchment adjacent to the pit. The average annual rainfall runoff captured by the dam may be in the order of approximately 180,000 m<sup>3</sup>. This could potentially be supplemented by pumping pit dewatering to the dam (predicted to be up to an annual average of 490,000 m<sup>3</sup>); however, significant groundwater inflows are unlikely to be available in the early stage of mine development and the rainfall runoff related pit inflows are rainfall dependent.

### ***Recommendations***

The results of the PEA suggest positive economics for the project, at this level of study. Progression to a Preliminary Feasibility Study is warranted based on the conclusions drawn from the PEA and the following specific recommendations are set out in the sub-sections below.

#### *Mineral Resources and Exploration*

- The work plan recommended in the PEA comprises exploration of regional targets and areas adjacent the current Mineral Resources targeting expansion of the current Inferred Resource estimates and infill drilling aimed at upgrading Inferred Mineral Resource estimates to the Indicated category to support the preparation of a PFS. Estimated costs for this work plan total CAD \$3,934,000.
  - In addition to infill drilling, the PEA makes recommendations aimed at increasing confidence in estimated Mineral Resource are outlined below. Costs for these activities are included in the 2018 and 2019 work plan budget. Inter-laboratory check assays of representative pulp samples from Velocity's 2017 and 2018 drilling programs
  - Undertake check sampling and analysis of selected representative samples of Hereward and Asia Gold drill core
  - Further DGPS topographic surveying of the deposit area and surrounding areas.

#### *Mining*

- Considering the indicated economic potential of the base case at a 0.6 g/t gold cut-off and production throughput of 1.75 Mtpa ore treated, it is recommended the Project proceeds to the PFS.
- As part of the PFS, all considerations should be given to mobile and modular type construction of all infrastructure due to the short-term nature of the extraction and the potential surrounding deposits that may be exploited following the depletion of the Rozino deposit.
- Considering the additional test-work required in light of a potential PFS, it is further recommended that careful planning of any additional resource definition drilling to upgrade the resource may provide cost savings if coupled with the requirements for geohydrology and geotechnical disciplines.



- The PEA further recommends as part of a PFS that knowledge and understanding of the following is improved:
  - Ampacity of the Rozino 20 kV energy distribution lines
  - Bore-hole hydrological yield and recharge rates
  - Legislative requirements for fell and stack, clear and grub and topsoil stockpiling
  - Requirements for lining of tailings impoundments and waste rock storage facilities.
- The PEA report notes that the exploratory work required to increase the level of confidence of the Inferred Mineral Resource to a minimum required classification of Indicated is the critical path for the commencement of a PFS on the Rozino deposit.

#### *Metallurgy and Processing*

- Additional ore characterisation test-work is required to determine whether the Rozino sulphide mineralization is amenable to into SAG milling. Based on these results it is recommended to undertake an options study to determine the optimum comminution circuit.
- Further flotation test-work is recommended to optimize reagent additions.
- Bulk samples of the sulphide concentrate will be required to undertake further testing to determine the downstream equipment requirements for the ultimate Flotation Plant design.

#### *Environmental*

- Develop a water quality monitoring network to understand surface water patterns of the area
- Monitor wildlife presence, particularly of species considered to be protected, in order to determine true numbers and habitat use of potentially impacted and sensitive species
- Conduct road condition assessment for haul routes
- Examine the potential for renewable power supplies

#### *Water Management*

Additional studies are recommended to improve the understanding of the hydrology and hydrogeology of the Project area and to improve confidence with regards to predictions on pit dewatering, depressurisation, surface water management and water supply options:

- Installation of an on-site rain gauge, ideally a tipping bucket rain gauge, in order to record site specific rainfall data relating to both individual storm events and daily totals.
- Monitoring of flows (and some limited water quality) associated with surface water features in the immediate Project area.
- A comprehensive hydrogeological field investigation program is required in order to obtain site specific hydrogeological data for the Project, including the following:
  - Estimates of hydraulic parameters for the various lithologies, structures and contact zones across the project site
  - Hydraulic inter-connection between different lithological units and geological features
  - Groundwater levels, flow direction and quality and any seasonal variation

- Mapping of local geological structures across the Project area.
- It is critical to note that all the predictions provided in this report are derived from limited site-specific data. Site-specific data for the Project is required in order to confirm all the predictions presented in this report and to allow the level of certainty to increase commensurate with progression of this study to the next stage (PFS level).

### **2019 Exploration Program**

The 2019 work program is designed to advance the Rozino project from its current PEA through to a Pre-feasibility Study in Q2 2020.

Work completed in 2019 includes drilling of approximately 12,000m of diamond drilling, which included definition diamond drilling aimed at upgrading the current resources from inferred to indicated (65% of drilling) and expansion and exploration drilling (35% of drilling). Through the drill program, the Company aims to convert the existing Inferred Resources to an Indicated Resource, as defined by National Instrument 43-101. A program of specific gravity determinations through the various mineral sub-categories and domains (oxide, transition and sulphide zones) has been completed. A systematic QA/QC program has been completed and returned exceptionally high-quality results. Twin hole drilling and re-sampling of historical Asia Gold & Hereward drill results corroborate the use of these data sets in the production of an updated mineral resource estimate. Umpire analysis consisting of more than 1,000 samples has verified assay accuracy and precision to a level in accordance with National Instrument 43-101 guidelines for an Indicated Resource category.

An extensive program of engineering data collection has been completed in support of the prefeasibility study, which remains on track for completion in Q2 2020. Work completed to date includes Geotechnical Studies including detailed geotechnical logging of more than 2,000m of diamond drill core, the results of which will help refine optimal open pit dimensions. In addition, 65 drill core samples have been submitted for laboratory rock strength determinations to help determine optimal open pit slope angles.

Geotechnical Studies include eight site investigation drill holes and associated penetration tests and pits were completed over the planned infrastructure footprint, including plant, waste dump, tailings management facility and raw water dam. Site Investigation trial pits were completed, and samples were collected for soil laboratory analysis.

Hydrogeological investigations include seven resource drill holes were repurposed for hydrogeological testing, including packer and falling head tests, and a vibrating wire piezometer was installed for ongoing pore pressure monitoring. The hydrogeological study also includes water exploration aimed to minimize external water requirements and define a sustainable industrial water supply.

Processing and metallurgical testing includes five bulk composite drill core samples have been submitted to Wardell Armstrong for comminution, flotation, gravity and leaching test work. Additionally, six variability samples have been submitted to Eurotest metallurgical laboratories. The products of the test work will be used for ongoing metallurgical test work for flotation, gravity, leaching and tails in order to optimize gold recoveries.

Finally, various engineering and trade-off studies have been initiated to investigate potential haul road routes, electrical transmission supply and routing, on-site infrastructure footprint, project water balance, and process engineering options.

Environmental data collection is ongoing and will continue.

The Company also plans to complete extensive drainage and soil geochemical surveys during 2019 to explore structural targets, located close to the Rozino deposit. It is anticipated that discoveries within several kilometers of the Rozino deposit could potentially add value by utilizing common infrastructure.

### **Nadezhda Project**

The Nadezhda project is located within the municipality of Kardzhali in southeast Bulgaria approximately 280km by road east-southeast of the capital, Sofia. The Company entered into an option agreement for the Nadezhda project, dated March 5, 2019. Under the terms of the option agreement, Velocity can earn a 70% interest in the Nadezhda project by delivering

certain data and reports including a mineral resource estimate prepared under National Instrument 43-101 of the Canadian Securities Administrators.

The Nadezhda Project is centered on the Makedontsi deposit, which is a geological resource registered on the Bulgarian state balance. Historical resources at Makedontsi were calculated by Gorubso using the Bulgarian classification scheme, based on manual polygonal methods of resource classification. Resources were submitted to and accepted by the Bulgarian government, Dragiev H, 2013 "Mlechino Prospecting License, Geological Report at the Nadezhda Prospect, with Resource and Reserve Recalculations of 'Au Ores' at the Makedontsi, Dangovo and Kalina deposits". Historical resources reporting all categories in accordance with the Bulgarian Reserves & Resources classification scheme total approximately 6 million tonnes at 1g/t Au (0.5g/t Au cut-off) for approximately 210,000 ounces of gold.

In order to verify the exploration potential of existing resources at Makedontsi, significant drilling will be required. The Company is not treating the historical resources at Nadezhda as current mineral resources or mineral reserves. Historical resources are not consistent with the standards of disclosure defined by NI 43-101 and may not necessarily be consistent with CIM best practice with respect to reporting mineral resources and reserves. Historical resources are included because they are considered relevant by the Company as they form additional support for the optioning of the Nadezhda project by Velocity. A qualified person has not done sufficient work to classify the historical estimate as current mineral resources or mineral reserves. The inclusion of historical resource estimations provides information as to the potential size and nature of the immediate exploration targets within the Nadezhda project area.

The Nadezhda project has had little if any modern systematic exploration carried out and significant exploration potential exists. A program of modern integrated geochemical and geophysical survey is planned in order to assess 'blind' mineralisation amenable to open pit mining under a thin post mineralization limestone cover sequence. An initial exploration program including surface geophysics and diamond drilling is planned for 2019.

### **Momchil Project**

The Momchil project is located within the municipality of Momchilgrad in southeast Bulgaria approximately 310 km by road east-southeast of the capital, Sofia. The Company entered into an option agreement for the Momchil project, dated March 5, 2019. Under the terms of the option agreement, Velocity can earn a 70% interest in the Momchil project by delivering certain data and reports including a mineral resource estimate prepared under National Instrument 43-101 of the Canadian Securities Administrators.

The Momchil project is centered on the Obichnik deposit, which is a geological resource registered on the Bulgarian state balance. Historical estimates at Obichnik were calculated by Gorubso using the Bulgarian classification scheme, based on manual polygonal methods of resource estimation. Estimates were submitted to and accepted by the Bulgarian government, Dragiev, H, 2006, "Momchil Prospecting License, Report at the 'Zvezdel - Pcheloyad Ore Field', Geological Report with Resource And Reserve Recalculation of 'Au-Ag Ores' at Obichnik Deposit". Historical estimates within the Momchil Project reporting all categories in accordance with the Bulgarian Reserves & Resources classification scheme total approximately 880 thousand tonnes at 1.5g/t Au (1.0g/t Au cut-off) for about 46,000 ounces of gold.

In order to verify the potential existence of additional unmined mineralization at Obichnik, significant drilling will be required. The Company is not treating the historical resources at the Obichnik deposit as current mineral resources or mineral reserves. Historical resources are not consistent with the standards of disclosure defined by NI 43-101 and may not necessarily be consistent with CIM best practice with respect to reporting mineral resources and reserves. Historical resources are included because they are considered relevant by the Company as they form additional support for the optioning of the Momchil project by Velocity. A qualified person has not done sufficient work to classify the historical estimate as current mineral resources or mineral reserves. The inclusion of historical resource estimations provides information as to the potential size and nature of the immediate exploration targets within the Momchil project area.

The Momchil Project has had little if any modern systematic exploration carried out and significant exploration potential exists. A program of modern integrated geochemical and geophysical survey is planned in order to test a large area of intense hydrothermal alteration for mineralization amenable to open pit mining within a package of Palaeogene volcanic and intrusive lithologies.

The Obichnik project is interpreted to be an intrusion-related gold and base metal mineralizing system containing structurally controlled epithermal gold prospects which sits within a large 2.5km x 1.5km alteration zone. Targets defined to date include two styles of mineralization being high-grade, near-surface sub-epithermal gold mineralization related to structurally controlled silicification, hosted predominantly within volcanics, and also large-tonnage or bulk mineralization hosted within / adjacent to the intrusives that are the source of the epithermal gold mineralization.

Historical drilling, geological mapping and surface rock sampling have identified steep, high-grade gold zones within the sub-epithermal environment, situated below the near surface epithermal environment which have not been explored at depth. No modern systematic exploration has been carried out at Obichnik consequently the targets are considered under-explored. The style of sub-epithermal mineralization at the Durusu Tepe target supports the potential for significant mineralization at depth.

Ground magnetic and surface geochemical surveys highlight a large area of structurally controlled alteration with anomalous gold mineralization. Results from over 29-line km of ground magnetic survey conducted on 100m spaced lines delineates a number of structurally controlled corridors of relatively low magnetic intensity that are interpreted to result from the destruction of volcanic magnetite by intense gold bearing hydrothermal fluids. These magnetic lows correspond with four discrete gold in soil geochemical anomalies at Targets 1 to 4.

Multi-element soil samples were taken on the same 100m spaced lines at a sample spacing of 50m. The gold in soil anomalies are supported by a broad sweep of base metal and pathfinder element associated anomalism that is supportive of mineralization within an intrusive centered model. The association of molybdenum is of particular note in that molybdenum is often associated with a focal magmatic event and due to its relative immobility in the weathering environment is an accurate locator of magmatic centers.

The large gold anomaly at Durusu Tepe is situated over previously drilled gold mineralization and was drill tested as part of an initial drill program. Initial drilling at Durusu Tepe returned multiple gold rich drill intercepts including 43.4m grading 3.89g/t gold (including 19.9m grading 7.87g/t gold), and 27.5m grading 1.24g/t gold (including 12.5m grading 2.40g/t gold) in drill hole ODD-001. Expansion drilling confirmed the continuity of high-grade epithermal gold mineralization 100 metres to the east, including 29.1m grading 2.46 g/t gold and 9.3m grading 2.82 g/t gold. Mineralization remains open for expansion and drilling is ongoing.

### **Sedefche Project**

The Sedefche deposit is located in southeast Bulgaria, approximately 39 km by road from the gold processing plant, located in Kardzhali. The Project has been explored through 45 surface exploration trenches, 41 exploratory shafts and pits, 122 drill holes of diamond drilling, 3 mega trenches with 86 vertical channel samples, and a metallurgical bulk sample excavated and processed at Gorubso's gold processing plant. The Project has been advanced through feasibility and environmental permitting in Bulgaria, resulting in the issuance of a mining concession. The historical Bulgarian resources at Sedefche were calculated by Gorubso using the Bulgarian classification scheme, based on manual sectional polygonal methods of resource estimation. Bulgarian resource categories 111 and 211 at Sedefche are considered by Velocity to be broadly equivalent to Indicated and Inferred Resources, respectively, mineral resources categories under CIM Definition Standards on Mineral Resources and Mineral Reserves, as adopted by National Instrument 43-101 ("NI 43-101"). Resources were submitted to and accepted by the Bulgarian government, Dragiev, H, 2006, "Momchil Prospecting License, Report at the 'Zvezdel - Pcheloyad Ore Field', Geological Report with Resource And Reserve Recalculation of 'Au-Ag Ores' at the Sedefche Deposit". Reporting all categories in accordance with the Bulgarian Reserves & Resources classification scheme total approximately 1.2 million tonnes at 2.0g/t Au (0.8g/t Au cut-off) and 68g/t Sg for about 76,000 ounces of gold and 2.6 million ounces of silver (all classified under category 111).

The Company cautions that it is not treating the Historical Bulgarian Resources as current mineral resources and/or mineral reserves and that a qualified person has not done sufficient work to classify the Historical Bulgarian Resources as current mineral resources and/or mineral reserves. To upgrade the Historical Bulgarian Resources to a current NI 43-101 mineral resource and/or mineral reserve estimate, the model and estimation will have to be reviewed and repeated by a "qualified person", and the Project will need to be at least partially re-drilled with updated sampling procedures put in place. The Historical Bulgarian Resources are included in this management discussion and analysis because they are considered relevant by the Company, as they (i) confirm the presence of significant gold mineralization on the Project which has not been fully delineated; and (ii) provides information as to the potential size and nature of the immediate exploration targets within the

Project. Readers should regard the Historical Bulgarian Resources as conceptual in nature as to quantity and grade and that it is uncertain if further exploration will result in the targets on the Project being delineated as a current mineral resources and/or mineral reserves.

The Option to earn a 70% interest in Sedefche is subject to the completion by the Company of 5,000m of drilling prior to March 31, 2020 (the "Initial Drilling"). If Velocity has not reached a decision to exercise the Option on completion of the Initial Drilling, Velocity can extend the expiry of the Option by completing an additional drill program (the "Additional Drilling"), provided that the Additional Drilling must be completed within 12 months from the effective date of the Option Agreement.

If Velocity elects not to exercise the Option, it will be entitled to a 1% Net Smelter Returns ("NSR") royalty on any gold and silver mined from the Project in excess of that set out in the historical geological resources and reserves registered with the Bulgarian Ministry of Energy as of July 6, 2016 (the "Historical Bulgarian Resources"), that are identified or estimated as a result of the Initial Drilling and, if applicable, the Additional Drilling at the Project. Subject to Velocity's acceptance, half of the 1% NSR royalty (being 0.5%) can be purchased from Velocity by Gorubso for US\$1,000,000.

Upon the exercise of the Option, Velocity will be deemed to have entered into a joint venture with Gorubso (the "Joint Venture"), at which time a joint venture company ("JVCo") will be established. Given the advanced, fully permitted nature of the Project, Velocity will be required to make the following payments upon the exercise of the Option. On entering into the Joint Venture, Velocity will be required to pay a fee of US\$800,000 to Gorubso, payable in common shares in the capital of Velocity (the "Velocity Shares") at a deemed value per Velocity Share equal to the market price of the Velocity Shares on the TSX Venture Exchange (the "TSXV") on the date of incorporation of JVCo. Upon the production of the first doré from ore extracted from the Project, a second US\$800,000 will be payable to Gorubso in Velocity Shares at a deemed value per Velocity Share equal to the market price of the Velocity Shares on the TSXV on the date of the initial doré production. Upon the formation of the Joint Venture, Gorubso will be deemed to have been granted a 2% NSR royalty on products from the Project, which will be limited to the Historical Bulgarian Resources. Velocity, with Gorubso's approval, will have the ability to purchase 50% (being 1%) of the NSR royalty for US\$2,000,000. During the term of the Option a joint operational steering committee will be formed for overseeing the mine site preparation activities conducted by Gorubso at the Project, which committee will include two Velocity nominees. Gorubso may opt to continue mine site preparation during the term of the Option at its expense, provided that upon Velocity's exercise of the Option and the formation of the Joint Venture, Velocity will be responsible for covering 70% of up to BGN 500,000 in site preparation costs incurred by Gorubso.

If Velocity elects to abandon its interest in the Joint Venture following the formation of the Joint Venture and the acquisition of a 70% interest therein, Velocity will be entitled to a 1% NSR royalty on (i) all gold and silver mined from the Project in excess of that set out in the Bulgarian Historical Estimate that is identified or estimated as a result of the Initial Drilling and, if applicable, the Additional Drilling, at the Project or (ii) all mineral resources and reserves discovered at the Project, if two years have passed from the formation of the Joint Venture and if Velocity completes BGN 2,000,000 in aggregate expenditures on the Project prior to termination.

The Company plans to complete approximately 2,500m of diamond and reverse circulation drilling at Sedefche before the end of 2019.

### **Mt. Haskin Molybdenum Property**

The Company's wholly-owned subsidiary, Velocity Exploration Ltd., holds a 100% interest in the Mt. Haskin property, a molybdenite prospect located in the Cassiar District of the Liard Mining Division in northwestern British Columbia, Canada. The claims are subject to a 3% NSR, which may be acquired by the Company for a cash payment of \$1,500,000.

At June 30, 2013, the Company determined that the Mt. Haskin property was impaired and wrote off all associated costs to operations. Since that time, no significant exploration has been carried out on the property. During the year ended June 30, 2016, the Company completed the reclamation work required by the Government of B.C. and filed a report supporting this work. The work and report were approved by the BC Government which resulted in the refund in full of the \$25,000 bond that had been posted with the Government of B.C.

## **Quality Assurance and Quality Control**

The work programs in Bulgaria are designed and supervised by Stuart A. Mills, CGeol, the Company's Vice-President Exploration, who is responsible for all aspects of the work, including the quality control/quality assurance program.

On-site personnel at the project rigorously collect and track samples which are then security sealed and shipped to ALS Global laboratory in Romania. For the purposes soil geochemical surveys at Obichnik, sieved samples (>1kg -1mm) were collected for shipment together with 10% blank samples and 10% field duplicates for low temperature drying and sieving to 180µ, before taking a 25g split that was sent to ALS laboratories in Ireland for Aqua Regia digest and ICP-MS finish to determine gold plus 39 multi-elements.

The ground magnetic survey at Obichnik was carried out by geophysical consultants using high resolution Proton Magnetometers, with the results checked by a third-party independent geophysicist for quality control. Raw data was processed and corrected for diurnal variations and the results interpreted by 2 independent groups of geophysicists under the direction of Velocity staff. Diamond drill samples are prepared and analyzed by fire assay using a 30-gram charge in compliance with industry standards. Field duplicate samples, blanks and independent controlled reference material (standards) are added to every batch.

## **Qualified Person**

Stuart Mills, the Vice President Exploration for the Company, and a Qualified Person as defined by National Instrument 43-101, has approved the scientific and technical information concerning the Company discussed in this MDA. Mr. Mills is not independent of the Company as he is an officer, a shareholder and holds incentive stock options.

## **SUMMARY OF QUARTERLY RESULTS**

The following selected financial data have been prepared in accordance with IFRS and should be read in conjunction with the Company's consolidated financial statements. The following is a summary of selected financial data for the Company for its eight completed financial quarters ended September 30, 2019.

<b>Quarter Ended Amounts in 000's</b>	<b>Sept. 30, 2019</b>	<b>June 30, 2019</b>	<b>Mar. 31, 2019</b>	<b>Dec. 31, 2018</b>	<b>Sept. 30, 2018</b>	<b>June 30, 2018</b>	<b>Mar. 31, 2018</b>	<b>Dec. 31, 2017</b>
Net income (loss)	(410)	(306)	(1,313)	(842)	(943)	(267)	(372)	(352)
Earnings (loss) per share – basic and diluted	(0.00)	(0.00)	(0.02)	(0.01)	(0.01)	(0.00)	(0.01)	(0.00)
Total assets	12,539	13,967	12,169	3,495	3,162	4,071	2,845	3,190
Working capital	5,216	6,980	7,468	272	53	417	(44)	843

During the period ended September 30, 2019, the Company incurred general and administrative expenditures of \$424,661. The Company also had 536,325 warrants exercised for gross proceeds of \$96,073 and continue exploration on its properties in Bulgaria.

During the period ended June 30, 2019, the Company incurred general and administrative expenditures of \$307,125. The Company also had 2,814,212 warrants exercised for gross proceeds of \$822,511.

During the period ended March 31, 2019, the Company incurred general and administrative expenditures of \$1,150,951. The Company also completed a non-brokered private placement of 18,600,000 units at \$0.21 per unit for gross proceeds of \$3,906,000 and issued a convertible debenture valued at \$5,094,000.

During the period ended December 31, 2018, the Company incurred, general and administrative expenditures of \$775,102. The Company also completed a financing during the period for net proceeds of \$926,052.

During the period ended September 30, 2018, the Company incurred exploration and evaluation expenditures of \$283,181, general and administrative expenditures of \$269,610 and an impairment of exploration and evaluation assets of \$567,884 on the Chala and \$95,956 on the Ekuzya Property.

During the period ended June 30, 2018, the Company incurred exploration and evaluation expenditures of \$535,657, incurred exploration and evaluation advances of \$169,473 and general and administrative expenditures of \$266,171, including share-based compensation of \$129,561. The Company also completed a financing during the period for net proceeds of \$1,303,050.

During the period ended March 31, 2018, the Company incurred exploration and evaluation expenditures of \$360,828, incurred exploration and evaluation advances of \$76,777 and general and administrative expenditures of \$372,579.

During the period ended December 31, 2017, the Company incurred general and administrative expenses of \$332,573.

### **Three months ended September 30, 2019 compared to three months ended September 30, 2018**

The Company's general and administrative costs were \$424,661 (2018 - \$269,610), and reviews of the major items are as follows:

- Consulting of \$69,783 (2018 - \$160,723) consisting of business development, CFO, Corporate Secretary and other. The VP of Exploration, in Bulgaria, was included in 2018 only;
- Investor relations of \$19,189 (2018 - \$1,284) increased and consists of trade shows and conferences and news dissemination;
- Professional fees of \$95,818 (2018 - \$56,102) consisting of legal accounting and auditing;
- Salaries of \$110,505 (2018 - \$30,406) increased as the Company added an additional employee.; and

### **Nine months ended September 30, 2019 compared to nine months ended September 30, 2018**

The Company's general and administrative costs were \$1,882,737 (2018 - \$908,360), and reviews of the major items are as follows:

- Consulting of \$154,383 (2018 - \$386,166) consists of business development, CFO, Corporate Secretary and other. The VP of Exploration, in Bulgaria, was included in 2018 only;
- Investor relations of \$187,842 (2018 - \$71,836) increased and consists of adverting and marketing, trade shows and conferences and news dissemination;
- Professional fees of \$555,748 (2018 - \$225,777) consisting of legal which increased as a result of the Company completing the Tintyava Exploration EAD acquisition, the Atlantic Gold Corp. investment agreement, completing additional option agreements and accounting and auditing;
- Salaries of \$308,304 (2018 - \$109,427) increased with the addition of one employee and directors fees.
- Share-based compensation of \$154,000 (2018 - \$129,561) decreased based on the number of options issued compared to the prior period; and

### **LIQUIDITY AND CAPITAL RESOURCES**

The financial statements have been prepared on a going concern basis which assumes that the Company will be able to realize its assets and discharge its liabilities in the normal course of business for the foreseeable future. The continuing operations of the Company are dependent upon its ability to continue to raise adequate financing and to commence profitable operations in the future. The Company draws attention to matters and conditions that indicate the existence of a material uncertainty that may cast significant doubt about the Company's ability to continue as a going concern.

\$	September 30, 2019	December 31, 2018
Working capital surplus (deficiency)	5,216,295	272,344
Deficit	(13,410,524)	(11,381,748)

Net cash used in operating activities during the nine months ended September 30, 2019 was \$2,081,346 (2018– \$649,056).

Net cash used in investing activities during the nine months ended September 30, 2019 was \$3,492,475 (2018 - \$1,142,735). The Company had exploration and evaluation expenditures of \$3,447,286 (2018 - \$891,265).

Net cash provided by financing activities during the nine months ended September 30, 2019 was \$10,659,181 (2018 - \$1,303,050).

The Company issued 600,000 common shares, as a finder's fee at a fair value of \$150,000, on the acquisition of the Tintyava property.

On May 3, 2018, the Company issued 6,621,824 units at a price \$0.20 per unit for gross proceeds of \$1,324,400. All securities issued in connection with the financing are subject to a hold period of four months and one day in Canada. Each unit consists of one common share in the capital of the company and one-half of one common share purchase warrant, with each whole warrant entitling the holder to purchase one share at a price of 30 cents per share for a period of 12 months from the issue date. The expiry of the warrants will be accelerated if the closing price of the shares on a stock exchange in Canada is at least 50 cents for a minimum of 10 consecutive trading days during the term commencing after four months and one day from the issue date (the triggering event). The expiry of the warrants will be automatically accelerated upon the occurrence of the triggering event and the holders' rights to exercise their warrants will automatically expire and terminate at 4 p.m. Vancouver time 30 days following notice by the company to the holders of the occurrence of the triggering event. In connection with the financing, the Company paid aggregate finder's fees consisting of \$21,350 in cash and 106,750 non-transferable finder's warrants entitling the holder to purchase one share at a price of \$0.20 per share for a period of 12 months from the issue date valued at \$5,749.

On July 17, 2018, the Company issued 376,089 common shares with a fair value of \$60,174 to settle accounts payable of \$50,772. The Company recognized a loss on settlement of accounts payable of \$9,402 as a result of this transaction.

On October 5, 2018, the Company closed a non-brokered private placement and raised aggregate gross proceeds of \$1,005,065 through the issuance of 6,700,433 units at a price of \$0.15 per unit. Each unit consists of one common share in the capital of the company and one-half of one common share purchase warrant, with each whole warrant entitling the holder to purchase one share at a price of \$0.20 per share for a period of 36 months from the issue date. In connection with the financing, the Company paid aggregate finder's fees consisting of \$57,013 in cash and 380,084 finder's warrants entitling the holder to purchase one share at a price of \$0.15 per share for a period of 12 months from the issue date valued at \$22,000. Additionally, professional fees of \$21,872 were incurred in connection with this financing, and was recorded as an offset to share capital, as share issue costs.

On March 14, 2019, the Company completed a non-brokered private placement of 18,600,000 units issued at \$0.21 per unit for gross proceeds of \$3,906,000. Each unit consists of one common share and one-half of one common share purchase warrant. Each warrant will entitle the holder thereof to purchase one common share of the Company at an exercise price of \$0.25 until March 14, 2022. In addition, the Company issued a convertible debenture (See Convertible Debenture section of the MDA) valued at \$5,094,000 with an interest rate of 8.5% per annum compounded semi-annual, convertible into common shares at \$0.25 per share, maturity date March 14, 2024. Cash finders' fees in the amount of \$360,000 were paid and issued 459,418 common shares valued at \$133,231 were also issued as finder's fees.

The Company had 3,350,5360 warrants exercised for proceeds of \$918,583 as follows; 380,084 warrants exercised at a price of \$0.15 per warrant for proceeds of \$57,013, 106,750 warrants exercised at a price of \$.20 per warrant for proceeds of \$21,350, 377,790 warrants exercised at a price of \$0.25 per warrant for proceeds of \$94,447 and 2,485,912 warrants exercised at a price of \$0.30 per warrant for proceeds of \$745,773.

The Company issued 495,516 common shares for the semi-annual interest of \$237,848 on the Convertible Debenture. Interest of \$21,353 was for the interest due March 31, 2019 and \$216,495 was for interest due September 30, 2019.



There can be no assurance that the Company will be able to obtain adequate financing in the future or that the terms of such financing will be favorable. If adequate financing is not available when required, the Company may be required to delay, scale back or eliminate various programs and may be unable to continue in operation. The Company may seek such additional financing through debt or equity offerings, but there can be no assurance that such financing will be available on terms acceptable to the Company or at all. Any equity offering could result in dilution to the ownership interests of the Company's shareholders and may result in dilution to the value of such interests.

The Company's future revenues, if any, are expected to be in large part derived from the development of its mineral properties for the mining of certain minerals, particularly gold, or interests related thereto. The economics of developing and producing resource properties are affected by many factors including the cost of operations, variations in the grade of ore discovered or mined and the price of the metals produced. Depending on metal prices, the Company may determine that it is impractical to continue development of its mineral properties or to pursue commercial production. In the case of molybdenum, its price has fallen in recent years. gold prices are affected by factors that include anticipated changes in international investment patterns and monetary systems, economic growth rates, political developments and shifts in supply and demand. In the case of gold, prices remain moderate to strong for the foreseeable future.

#### CONVERTIBLE DEBENTURE

On March 14, 2019, the Company had issued to Atlantic Gold Corp. ("Atlantic"), through its wholly owned subsidiary Artemis Gold Inc. ("Artemis"), a convertible debenture valued at \$5,094,000 with an interest rate of 8.5% per annum compounded semi-annual, convertible into common shares at \$0.25 per share, with a maturity date of March 14, 2024. On May 14, 2019, Atlantic announced that it had entered into an arrangement with St. Barbara Limited ("St Barbara") pursuant to which St Barbara would acquire 100% of all issued and outstanding shares of Atlantic (the "Arrangement"). As part of the Arrangement, Atlantic distributed 100% of the common shares of Artemis to Atlantic shareholders.

#### RELATED PARTY TRANSACTIONS

Key management personnel include those persons having authority and responsibility for planning, directing and controlling the activities of the Company. The Company has determined that key management personnel consist of executive and non-executive members of the Company's Board of Directors and corporate officers. Key management personnel compensation for the periods ended September 30, 2019 and, were:

	September 30, 2019	September 30, 2018
<b>Short-term benefits paid or accrued:</b>		
Consulting fees <sup>1</sup>	\$ 284,750	\$ 261,990
Salaries	326,100	112,500
	<u>610,850</u>	<u>374,490</u>
<b>Share-based payments:</b>		
Share-based payments	75,486	-
<b>Total remuneration</b>	<u>\$ 686,336</u>	<u>\$ 374,490</u>

<sup>1</sup> \$209,950 of consulting fees are included in exploration and evaluation assets

The Company engaged in transactions with other related parties as follows:

As at September 30, 2019, \$98,828 (December 31, 2018 - \$41,600) was due to an officer of the Company were included in trade and other payables.

## **OUTSTANDING SHARE DATA**

- (a) As of the date of the MDA the Company has 97,792,229 issued to date and outstanding common shares. The authorized share capital is unlimited no par value common shares.
- (b) As at the date of the MDA the Company has 9,075,000 incentive stock options outstanding.
- (c) As at the date of the MDA the Company has 12,650,217 share purchase warrants.

## **CRITICAL ACCOUNTING POLICIES AND ESTIMATES**

The preparation of the Company's consolidated financial statements in conformity with IFRS requires management to make judgments, estimates and assumptions that affect the reported amounts of assets, liabilities and contingent liabilities at the date of the consolidated financial statements and reported amounts of revenues and expenses during the reporting period. Estimates and assumptions are continuously evaluated and are based on management's experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances. However, actual outcomes can differ from these estimates.

Areas requiring a significant degree of estimation and judgment relate to the recoverability of the carrying value of exploration and evaluation assets, fair value measurements for financial instruments and share-based compensation and other equity-based payments, the recognition and valuation of provisions for restoration and environmental liabilities, and the recoverability and measurement of deferred tax assets and liabilities. Actual results may differ from those estimates and judgments.

## **OFF-BALANCE SHEET ARRANGEMENTS**

The Company has not entered into any off-balance sheet financing arrangements.

## **PROPOSED TRANSACTIONS**

Currently the Company is not a party to any material proceedings. The Company continually evaluates new opportunities, including new properties by staking, acquisition or joint venture, and corporate consolidation or merger opportunities.

## **CHANGES IN ACCOUNTING POLICIES INCLUDING INITIAL ADOPTION**

Certain new standards, interpretations, amendments and improvements to existing standards were issued by the International Accounting Standards ("IAS") Board or International Financial Reporting Standards Interpretation Committee ("IFRIC") that are mandatory for future accounting periods. The following have not yet been adopted by the Company.

*Effective for annual periods beginning on or after January 1, 2019*

- **New standard IFRS 16 - Leases**  
IFRS 16, Leases ("IFRS 16") was issued by the IASB on January 13, 2016, and will replace IAS 17, Leases. It is effective for annual periods beginning on or after January 1, 2019, with earlier application permitted. IFRS 16 eliminates the current dual accounting model for lessees, which distinguishes between on-balance sheet finance leases and off-balance sheet operating leases. Instead, IFRS 16 requires a single, on-balance sheet accounting model that is similar to current finance lease accounting. Leases become an on-balance sheet liability that attract interest, together with a new asset.

The adoption of this new standards is not expected to have a significant impact on the Company's condensed consolidated interim financial statements

- **New Interpretation IFRIC 23 - Uncertainty over Income Tax Treatments**  
On June 7, 2017, the IASB issued IFRIC Interpretation 23 - *Uncertainty over Income Tax Treatments*. The Interpretation provides guidance on the accounting for current and deferred tax liabilities and assets in circumstances in which there is uncertainty over income tax treatments. The Interpretation is applicable for annual periods beginning on or after

January 1, 2019. The Company does not expect the adoption of this new standard to have a material impact on its consolidated financial statements

## **RISKS AND UNCERTAINTIES**

The Company's business is mineral exploration. Companies in this industry are subject to many and varied kinds of risks, including but not limited to, environmental, mineral prices, political, and economical.

The Company will take steps to verify the title to any properties in which it has an interest, in accordance with industry standards for the current stage of exploration of such properties. These procedures do not guarantee the Company's title. Property titles may be subject to unregistered prior agreements or transfers and title may be affected by undetected defects.

The Company has no significant sources of operating cash flow and no revenue from operations. Additional capital will be required to fund the Company's exploration program. The sources of funds available to the Company are the sale of equity capital or the offering of an interest in its project to another party. There is no assurance that it will be able to obtain adequate financing in the future or that such financing will be advantageous to the Company.

The property interests to be owned by the Company or in which it may acquire an option to earn an interest are in the exploration stages only, are without known bodies of commercial minerals and have no ongoing operations. Mineral exploration involves a high degree of risk and few properties, which are explored, are ultimately developed into production. If the Company's efforts do not result in any discovery of commercial minerals, the Company will be forced to look for other exploration projects or cease operations.

The Company is subject to the laws and regulations relating to environmental matters in all jurisdictions in which it operates, including provisions relating to property reclamation, discharge of hazardous materials and other matters. The Company may also be held liable should environmental problems be discovered that were caused by former owners and operators of its properties in which it previously had no interest. The Company is not aware of any existing environmental problems related to any of its current or former properties that may result in material liabilities to the Company.

## **FINANCIAL INSTRUMENTS AND RISK MANAGEMENT**

### **Financial Risk Factors**

Financial instruments measured at fair value are classified into one of three levels in the fair value hierarchy according to the relative reliability of the inputs used to estimate the fair values. The three levels of the fair value hierarchy are:

- Level 1 – Unadjusted quoted prices in active markets for identical assets or liabilities;
- Level 2 – Inputs other than quoted prices that are observable for the asset or liability either directly or indirectly;  
and
- Level 3 – Inputs that are not based on observable market data

The fair value of cash is measured at Level 1 of the fair value hierarchy. The carrying value of receivables, and accounts payable and accrued liabilities approximate their fair value because of the short-term nature of these instruments.

The Company's risk exposures and the impact on the Company's financial instruments are summarized below:

### ***Credit Risk***

Credit risk is the risk of loss associated with a counter party's inability to fulfill its payment obligations. The Company's credit risk is primarily attributable to cash and receivables. Management believes that the credit risk concentration with respect to receivables is remote as they are due from the Government of Canada. The Company's cash is deposited in accounts held at a large financial institution in Canada. As such, the Company believes the credit risk with cash is remote. Receivables comprise input tax receivables due from the Government of Canada. The Company considers the credit risk of receivables to be low.

### ***Liquidity Risk***

Liquidity risk is the risk that the Company will not be able to meet its financial obligations as they fall due. The Company has a planning and budgeting process in place to help determine the funds required to support the Company's normal operating requirements on an ongoing basis. The Company ensures that there are sufficient funds to meet its short-term business requirements, taking into account its anticipated cash flows from operations and its holdings of cash.

The Company had a cash balance of \$5,328,379, to settle current liabilities of \$554,660. All the Company's trade and other payables are subject to normal trade terms.

Historically, the Company's sole source of funding has been advances from related individuals and entities. The Company's access to financing is always uncertain. There can be no assurance of continued access to funding. The Company will seek to complete further equity financing to continue its programs on its exploration and evaluation assets.

### ***Interest Rate Risk***

The Company has cash balances and no interest-bearing debt. The Company's current policy is to invest excess cash in investment-grade demand investments issued by its banking institutions. The Company periodically monitors the investments it makes and is satisfied with the credit ratings of its banks. The Company is not subject to significant exposure to interest rate risk.

### ***Foreign Currency Risk***

The Company is exposed to foreign currency risk on fluctuations related to assets and liabilities that are denominated in United States dollars and Bulgarian Lev. As at September 30, 2019, the Company had cash funds denominated in either the United States dollars, or the Bulgarian Lev. A 10% fluctuation between the Canadian dollar against the Bulgarian Lev or United States dollar, would insignificantly affect profit or loss.

### ***Price Risk***

The Company is exposed to price risk with respect to commodity and equity prices. Equity price risk is defined as the potential adverse impact on the Company's profit or loss, the ability to obtain financing, or the ability to obtain a public listing due to movements in individual equity prices or general movements in the level of the stock market. Commodity price risk is defined as the potential adverse impact on profit or loss and economic value due to commodity price movements and volatilities. The Company closely monitors commodity prices, individual equity movements and the stock market to determine the appropriate course of action to be taken by the Company. Fluctuations in value may be significant.

## **CAPITAL MANAGEMENT**

The Company defines capital that it manages as shareholders' equity, consisting of issued common shares, stock options and warrants included in reserve, and subscriptions receivable.

The Company manages its capital structure and adjusts it, based on the funds available to the Company, in order to support the acquisition, exploration and development of exploration and evaluation assets. The Board of Directors does not establish quantitative return on capital criteria for management, but rather relies on the expertise of the Company's management to sustain future development of the business.

The property in which the Company currently has an interest is in the exploration stage; as such the Company has historically relied on the equity markets to fund its activities. The Company will continue to assess new properties and seek to acquire an interest in additional properties if it feels there is sufficient economic potential and if it has adequate financial resources to do so.

Management reviews its capital management approach on an ongoing basis and believes that this approach, given the relative size of the Company, is reasonable. The Company is not subject to externally imposed capital restrictions. There were no changes to the Company's approach to capital management during the year.

## **DISCLOSURE OF MANAGEMENT COMPENSATION**

In accordance with the requirements of Section 19.5 of TSXV Policy 3.1, the Company provides the following disclosure with respect to the compensation of its directors and officers during the period:

1. During the period ended September 30, 2019, the Company did not enter into any standard compensation arrangements made directly or indirectly with any directors or officers of the Company, for their services as directors or officers, or in any other capacity, with the Company or any of its subsidiaries except as disclosed under “Related Parties Transactions”.
2. During the period ended September 30, 2019, officers of the Company were paid for their services as officers by the Company as noted above under “Related Parties Transactions”.
3. During the period ended September 30, 2019, the Company did not enter into any arrangement relating to severance payments to be paid to directors and officers of the Company and its subsidiaries.

## **APPROVAL**

The Board of Directors of the Company has approved the disclosures in this MDA.

Additional information related to the Company is available on SEDAR at [www.sedar.com](http://www.sedar.com).