# MINERVA MINERALS LIMITED

# MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

For the periods ended September 30, 2012 and 2011

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### INTRODUCTION

This Management's Discussion and Analysis of Financial Condition and Results of Operations ("MD&A") of Minerva Minerals Limited ("Minerva," the "Company") should be read in conjunction with audited financial statements for the years ended September 30, 2012 and 2011 (the "Financial Statements") and the related notes. The accompanying audited financial statements have been prepared by management and are in accordance with International Financial Reporting Standards ("IFRS") and all amounts are expressed in Canadian dollars unless otherwise noted. Other information contained in this document has also been prepared by management and is consistent with the data contained in the Financial Statements. In this discussion and analysis, unless the context otherwise dictates, a reference to the Company refers to Minerva Minerals Limited. Additional information relating to the Company is available for viewing under the Company's profile on the SEDAR website at <a href="https://www.sedar.com">www.sedar.com</a>.

This discussion and analysis contains forward-looking statements. Please refer to the cautionary language on page 20.

### DATE OF REPORT

This MD&A is prepared as of January 24, 2013. All amounts in the financial statements and this MD&A are expressed in Canadian dollars unless otherwise indicated.

### **OVERVIEW**

Minerva was incorporated on June 5, 2006 under the Canada Business Company's Act. The shares of the Company are listed on the Canadian National Stock Exchange ("the CNSX"), and commenced trading on August 13, 2007. The Company is in the business of location, acquisition, exploration and development of mineral properties.

The Company's exploration efforts are focused on the exploration and development of its properties in Canada. The Company is in the process of exploring its resource properties and has not yet determined whether the properties contain minerals or mineral reserves that are economically recoverable.

These audited financial statements have been prepared in accordance with IFRS applicable to a going concern, which contemplates the realization of assets and the satisfaction of liabilities and commitments in the normal course of business. All monetary amounts are in Canadian dollars unless otherwise noted.

The general business strategy of the Company is to acquire mineral properties either directly or through the acquisition of operating entities. The continued operations of the Company and the recoverability of mineral property costs and any related deferred costs is dependent upon the existence of economically recoverable mineral reserves, confirmation of the Company's interest in the underlying mineral claim, the ability of the Company to obtain necessary financing to complete the development and upon future profitable production from the property or proceeds from the disposition thereof. The Company has incurred recurring operating losses since inception, has not generated any operating revenues to date. The Company requires additional funds to meet its obligations and maintain its operations. These conditions raise substantial doubt about the Company's ability to continue as a going concern. Management's plans in this regard are to raise equity financing through private or public equity investment in order to support existing operations and expand its business. There is no assurance that such additional funds will be available to the Company when required or on terms acceptable to the Company. The September 30, 2012

and 2011 audited financial statements do not include any adjustments that would be necessary to the carrying amounts and classifications of assets and liabilities that might result from this uncertainty.

On October 29, 2010, the Company completed a non-brokered private placement consisting of 400,000 common shares of the Company at a price of \$0.15 per Share to raise gross proceeds of \$60,000. The net proceeds from the Private Placement were used for general working capital purposes.

On June 21, 2011, the Company closed a non-brokered private placement of 4,000,000 units (the "Units") at a price of \$0.07 per Unit for proceeds of \$280,000 (the "Private Placement"). Each Unit consists of one common share and one-half of one share purchase warrant (the "Warrants"); each whole Warrant entitles the holder to purchase one additional common share at a price of \$0.10 per common share until June 21, 2012.

The Company paid finder fees totaling \$42,480 and issued an aggregate 320,000 finder's warrants (the "Finder's Warrants") to finders who assisted with this placement, in accordance with regulatory policies. Each Finder's Warrant will entitle the holder to purchase one common share at a price of \$0.10 per common share until June 21, 2012. The net proceeds from the Private Placement will be used for general working capital purposes.

### **SELECTED ANNUAL INFORMATION**

The following information has been extracted from the Company's financial statement information for the three most recently completed financial years:

		September 30, 2012	September 30, 2011	September 30, 2010		
		·		(CDN GAAP)		
(i)	Net sales or total revenue					
	(\$000s)	\$Nil	\$Nil	\$Nil		
(ii)	Net loss:					
	(i) in total	\$ (47,920)	\$ (117,968)	\$ (64,716)		
	(ii) per share <sup>1</sup>	(\$0.01)	(\$0.02)	(\$0.01)		
(iii)	Total assets	\$ 163,238	\$ 203,191	\$ 19,306		
(iv)	Total long-term financial liabilities	\$Nil	\$Nil	\$Nil		
(v)	Cash dividends declared per share	n/a	n/a	n/a		

(1) Fully diluted loss per share amounts have not been calculated as they would be anti-dilutive.

### SUMMARY OF QUARTERLY RESULTS

The following tables summarize information derived from the Company's financial statements for each of the eight most recently completed quarters:

	2012 Q4	2012 Q3	2012 Q2	2012 Q1
(a) Revenue	\$ -	\$ -	\$ -	\$ -
(b) Net loss	\$ (18,669)	\$ (7,254)	\$ (15,955)	\$ (6,042)
(c) Net loss per share (basic & fully diluted)	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ (0.00)
	2011	2011	2011	2011
	Q4	Q3	Q2	Q1
(a) Revenue	\$ -	\$ -	\$ -	\$ -
(b) Net loss	\$ (12,408)	\$ (78,032)	\$ (10,166)	\$ (17,362)
(c) Net loss per share (basic & fully diluted)	\$ (0.00)	\$ (0.02)	\$ (0.00)	\$ (0.00)

### **RESULTS OF OPERATIONS**

### Three month period ended September 30, 2012

Our general and administrative expenses consist primarily of personnel costs, legal costs, shareholder/investor relations costs, stock based compensation costs, accounting costs and other professional and administrative costs. For the three months ended September 30, 2012 the Company recorded a net loss of \$18,669 (2011 – \$12,408) or \$(0.00) per share (2011 – (\$0.00)). The increase is mainly due to higher accounting, audit and legal fees of \$13,250 (2011 - \$Nil).

### Year ended September 30, 2012

Our general and administrative expenses consist primarily of personnel costs, legal costs, shareholder/investor relations costs, stock based compensation costs, accounting costs and other professional and administrative costs. For the year ended September 30, 2012 the Company recorded a net loss of \$47,920 (2011 – \$117,968) or \$(0.01) per share (2011 – (\$0.02)). The decrease is mainly due lower salaries, management and consulting fees of \$Nil (2011 - \$75,600).

### **Exploration Activities**

	Years ended September 30			Cumulative to date *		
		2012		2011		
Ashcroft 1	\$	4,124	\$	4,124	\$	62,380
Lone Tree Showing		2,455		720		22,031
Exploration and evaluation expenditures	\$	6,579	\$	4,844	\$	84,411

<sup>\*</sup> Only properties currently under exploration are included in this figure.

The Company's exploration properties are in the exploration stage, have not commenced commercial production and consequently the Company has no history of operating earnings or cash flow from operations. The success of exploration programs and other property transactions can have a significant impact on spending requirements. Minerva currently finances its activities primarily by the private placement of securities. There is no assurance that equity funding will be accessible to the Company at the times and in the amounts required to fund the Company's activities. There are many conditions beyond the Company's control which have a direct bearing on the level of investor interest in the purchase of Company securities. The Company may also attempt to generate additional working capital through the operation, development, sale or possible joint venture development of its properties, however, there is no assurance that any such activity will generate funds that will be available for operations.

### Ashcroft 1 Claim, B.C., Canada

Effective June 6, 2006 the Company acquired a 100% mineral interest in a 491 hectare property located near Cache Creek in the Kamloops Mining Division, British Columbia for cash consideration of \$100.

The claim is currently in good standing until June 14, 2013. Exploration expenditures of \$8 per hectare, or payment in lieu of such expenditures, will be required to renew the claim beyond that date. During the the year ended September 30, 2012, the Company incurred payments in lieu of exploration expenditures totalling \$4,124 (2011 - \$4,124), which was charged to operations.

### Lone Tree Showing, Claim Nos. 1, 2, 3 and 4, B.C., Canada

Effective December 3, 2007 the Company acquired a 100% interest in the Lone Tree Showing claims, for cash consideration of \$12,000. The four mineral claims, totaling 409 hectares are located directly to the west of the Ashcroft property near Cache Creek in the Kamloops Mining Division, British Columbia.

The claims are in good standing with renewal dates ranging from August 8, 2013 to November 17, 2013. Exploration expenditures of \$4 per hectare, or payment in lieu of such expenditures, are required to renew the claim beyond the initial claim register dates (August 8, 2007 to November 17, 2007) for each of the second and third anniversary years, and \$8 per hectare for each subsequent anniversary year During the the year ended September 30, 2012, the Company incurred payments in lieu of exploration expenditures totalling \$2,455 (2011 - \$4,157), which was charged to operations.

Ownership of mineral interests involves inherent risks due to the difficulties of determining the validity of certain claims as well as the potential for problems arising from the frequently ambiguous conveyance histories of many mineral interests. The Company has investigated ownership of its mineral interests and, to the best of its knowledge, such ownership interests are in good standing.

### LIQUIDITY AND CAPITAL RESOURCES

The Company's exploration properties are in the exploration stage, have not commenced commercial production and consequently the Company has no history of earnings or cash flow from its operations. As a result, the Company is reviewing its 2012 exploration and capital spending requirements in light of the current and anticipated, global economic environment.

The Company currently finances its activities primarily by the private placement of securities. There is no assurance that equity funding will be accessible to the Company at the times and in the amounts required to fund the Company's activities. There are many conditions beyond the Company's control which have a direct bearing on the level of investor interest in the purchase of Company securities. The Company may

also attempt to generate additional working capital through the operation, development, sale or possible joint venture development of its properties; however, there is no assurance that any such activity will generate funds that will be available for operations. Debt financing has not been used to fund the Company's property acquisitions and exploration activities and the Company has no current plans to use debt financing. The Company does not have "standby" credit facilities, or off-balance sheet arrangements and it does not use hedges or other financial derivatives. The Company has no agreements or understandings with any person as to additional financing.

At September 30, 2012, the Company had cash of \$161,414 (2011 - \$201,585), working capital of \$156,042 (2011 - \$198,962) and an accumulated deficit of \$571,360 (2011 - \$523,440) and shareholders' equity of \$156,042 (September 2011 - \$198,962). As at September 30, 2012, the Company had sufficient cash to meet its obligations for accounts payable and accrued liabilities. Cash outflow used in operations for year ended September 30, 2012, was down in comparison with the same period in 2011 as a result of significant payments of trade and other payables made in 2011. The movement in working capital in 2012 resulted from the planned expenditures and investments on exploration, project development, corporate costs and other operating activities. The Company has no long-term debt or capital commitments and current liabilities at September 30, 2012, were \$7,196 (2011 - \$4,229).

### **Cash Flow**

Operating activities: The Company's cash outflow used in operating activities was \$45,171 (2011 – \$173,087) through the year ended September 30, 2012. Changes in trade and other receivables resulted in a decrease of \$218 compared to an increase of \$727 in 2011. There was an increase in trade and other payables of \$2,967 compared to a decrease of \$38,286 in 2011. There was a decrease in due to related party of \$Nil compared to \$17,560 in 2011.

Financing Activities: The Company intends to finance its activities by raising capital through the equity markets. The Company had 50,000 warrants exercised at \$0.10 for gross proceeds of \$5,000 during the year ended September 30, 2012. On June 21, 2011, the Company completed a non-brokered private placement consisting of 4,000,000 units of the Company at a price of \$0.07 per unit to raise gross proceeds of \$280,000. On October 29, 2010, the Company completed a non-brokered private placement consisting of 400,000 common shares of the Company at a price of \$0.15 per Share to raise gross proceeds of \$60,000. The net proceeds from the Private Placement were used for general working capital purposes.

#### **Dividends**

The Company has neither declared nor paid any dividends on its Common stock. The Company intends to retain its earnings to finance growth and expand its operations and does not anticipate paying any dividends on its Common shares in the foreseeable future.

### **Financial Instruments**

The Company has designated its cash as FVTPL, which is measured at fair value. Trade and other receivables are classified for accounting purposes as loans and receivables, which are measured at amortized cost which equals fair value. Trade and other payables are classified for accounting purposes as other financial liabilities, which are measured at amortized cost which also equals fair value. Fair values of trade and other receivables trade and other payables are determined from transaction values which were derived from observable market inputs. Fair values of these financial instruments are based on Level 2 measurements. The Company records its financial instruments at their carrying amounts

which approximates fair value, unless otherwise disclosed in the financial statements. The carrying amounts approximate fair values due to the short-term maturities of these financial instruments.

The Company's financial instruments are exposed to a number of financial and market risks, including credit, liquidity and foreign exchange risks. The Company may, or may not, establish from time to time active policies to manage these risks. The Company does not currently have in place any active hedging or derivative trading policies to manage these risks since the Company's management does not believe that the current size, scale and pattern of its operations would warrant such hedging activities.

The Company places its cash with high credit quality financial institutions. The Company had funds deposited in banks beyond the insured limits at September 30, 2012.

### SHARE CAPITAL

At January 24, 2013, the Company had:

- Authorized capital stock consists of an unlimited number of common shares with no par value.
- 9,201,000 common shares issued and outstanding (September 30, 2012 9,201,000 common shares) or 9,201,000 on a fully diluted basis.

### **OUTLOOK**

The information below is in addition to the disclosure concerning specific operations included in the Review of Operations section of this MD&A.

### **General Economic Conditions**

Volatility of exchange traded commodity prices in recent months, including precious and base metal prices has been unusually high. It is difficult in these conditions to forecast metal prices and demand trends for products that we would produce if we had current mining operations. Credit market conditions have also increased the cost of obtaining capital and limited the availability of funds. Accordingly, management is reviewing the effects of the current conditions on our business.

It is anticipated that for the foreseeable future, the Company will rely on the equities markets to meet its financing need. The Company will also consider entering into joint venture arrangements to advance its projects.

### **Capital and Exploration Expenditures**

We are reviewing our capital and exploration spending in light of current market conditions. As a result of our review, the Company may curtail a portion of its capital and exploration expenditures during 2012.

We are currently concentrating our exploration activities in Canada and examining data relating to the potential acquisition or joint venturing of additional mineral properties in either the exploration or development stage.

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

During the year ended September 30, 2012, the Company was not a party to any off-balance-sheet arrangements that have, or are reasonably likely to have, a material current or future effect on the results of operations, financial condition, revenues or expenses, liquidity, capital expenditures or capital resources of the Company.

### **CONTRACTUAL OBLIGATIONS**

As at September 30, 2012, there were no significant contractual obligations and commercial commitments.

### **CHANGES IN ACCOUNTING POLICIES**

There have been no changes in accounting policies during the year ended September 30, 2012, except for the adoption of IFRS.

### CRITICAL ACCOUNTING ESTIMATES

### **Mineral properties**

All acquisition and exploration costs, net of incidental revenues, are charged to operations in the period incurred until such time as it has been determined that a property has economically recoverable reserves, in which case subsequent exploration costs and the costs incurred to develop a property are capitalized into PPE. On the commencement of commercial production, depletion of each mining property will be provided on a unit-of-production basis using estimated resources as the depletion base.

# Property, plant and equipment

Property, plant and equipment are stated at cost less accumulated depreciation and accumulated impairment losses. The cost of an item of PPE consists of the purchase price, any costs directly attributable to bringing the asset to the location and condition necessary for its intended use and an initial estimate of the costs of dismantling and removing the item and restoring the site on which it is located.

An item of PPE is derecognized upon disposal, when held for sale or when no future economic benefits are expected to arise from the continued use of the asset. Any gain or loss arising on disposal of the asset, determined as the difference between the net disposal proceeds and the carrying amount of the asset, is recognized in the statement of comprehensive income.

The Company conducts an annual assessment of the residual balances, useful lives and depreciation methods being used for PPE and any changes arising from the assessment are applied by the Company prospectively.

Where an item of property, plant and equipment comprises major components with different useful lives, the components are accounted for as separate items of property, plant and equipment. Expenditures incurred to replace a component of an item of property, plant and equipment that is accounted for separately, including major inspection and overhaul expenditures, are capitalized.

### Decommissioning, restoration and similar liabilities ("Asset retirement obligation" or "ARO")

The Company recognizes liabilities for statutory, contractual, constructive or legal obligations, including those associated with the reclamation of mineral properties and PPE, when those obligations result from the acquisition, construction, development or normal operation of the assets. Initially, a liability for an

asset retirement obligation is recognized at its fair value in the period in which it is incurred. Upon initial recognition of the liability, the corresponding asset retirement obligation is added to the carrying amount of the related asset and the cost is amortized as an expense over the economic life of the asset using either the unit-of-production method or the straight-line method, as appropriate. Following the initial recognition of the asset retirement obligation, the carrying amount of the liability is increased for the passage of time and adjusted for changes to the current market-based discount rate, amount or timing of the underlying cash flows needed to settle the obligation.

# **Share based payments**

### Share based payment transactions

Employees (including directors and senior executives) and consultants of the Company receive a portion of their remuneration in the form of share-based payment transactions, whereby employees and consultants render services as consideration for equity instruments ("equity-settled transactions").

In situations where equity instruments are issued and some or all of the goods or services received by the entity as consideration cannot be specifically identified, they are measured at fair value of the share-based payment.

### **Equity-settled transactions**

The costs of equity-settled transactions with employees and consultants are measured by reference to the fair value at the date on which they are granted.

The costs of equity-settled transactions are recognized, together with a corresponding increase in equity, over the period in which the performance and/or service conditions are fulfilled, ending on the date on which the relevant employees and consultants become fully entitled to the award (the "vesting date"). The cumulative expense is recognized for equity-settled transactions at each reporting date until the vesting date reflects the Company's best estimate of the number of equity instruments that will ultimately vest. The profit or loss charge or credit for a period represents the movement in cumulative expense recognized as at the beginning and end of that period and the corresponding amount is represented in share option reserve.

No expense is recognized for awards that do not ultimately vest, except for awards where vesting is conditional upon a market condition, which are treated as vesting irrespective of whether or not the market condition is satisfied provided that all other performance and/or service conditions are satisfied.

Where the terms of an equity-settled award are modified, the minimum expense recognized is the expense as if the terms had not been modified. An additional expense is recognized for any modification which increases the total fair value of the share-based payment arrangement, or is otherwise beneficial to the employee as measured at the date of modification.

The dilutive effect of outstanding options is reflected as additional dilution in the computation of earnings per share.

### **Taxation**

Income tax expense represents the sum of tax currently payable and deferred tax.

#### Current income tax

Current income tax assets and liabilities for the current and prior periods are measured at the amount expected to be recovered from or paid to the taxation authorities. The tax rates and tax laws used to compute the amount are those that are enacted or substantively enacted by the date of the statement of financial position.

### Deferred income tax

Deferred income tax is provided using the liability method on temporary differences at the date of the statement of financial position between the tax bases of assets and liabilities and their carrying amounts for financial reporting purposes.

Deferred income tax liabilities are recognized for all taxable temporary differences, except:

- where the deferred income tax liability arises from the initial recognition of goodwill or of an asset or liability in a transaction that is not a business combination and, at the time of the transaction, affects neither the accounting profit nor taxable profit or loss; and
- in respect of taxable temporary differences associated with investments in subsidiaries, associates and interests in joint ventures, where the timing of the reversal of the temporary differences can be controlled and it is probable that the temporary differences will not reverse in the foreseeable future.

Deferred income tax assets are recognized for all deductible temporary differences, carry forward of unused tax credits and unused tax losses, to the extent that it is probable that taxable profit will be available against which the deductible temporary differences and the carry forward of unused tax credits and unused tax losses can be utilized except:

- where the deferred income tax asset relating to the deductible temporary difference arises from the initial recognition of an asset or liability in a transaction that is not a business combination and, at the time of the transaction, affects neither the accounting profit nor taxable profit or loss; and
- in respect of deductible temporary differences associated with investments in subsidiaries, associates and interests in joint ventures, deferred income tax assets are recognized only to the extent that it is probable that the temporary differences will reverse in the foreseeable future and taxable profit will be available against which the temporary differences can be utilized.

The carrying amount of deferred income tax assets is reviewed at each date of the statement of financial position and reduced to the extent that it is no longer probable that sufficient taxable profit will be available to allow all or part of the deferred income tax asset to be utilized. Unrecognized deferred income tax assets are reassessed at each date of the statement of financial position and are recognized to the extent that it has become probable that future taxable profit will allow the deferred tax asset to be recovered.

Deferred income tax assets and liabilities are measured at the tax rates that are expected to apply to the year when the asset is realized or the liability is settled, based on tax rates (and tax laws) that have been enacted or substantively enacted at the date of the statement of financial position.

Deferred income tax relating to items recognized directly in equity is recognized in equity and not in the statement of comprehensive income.

Deferred income tax assets and deferred income tax liabilities are offset if, and only if, a legally enforceable right exists to set off current tax assets against current tax liabilities and the deferred tax assets and liabilities relate to income taxes levied by the same taxation authority on either the same taxable entity or different taxable entities which intend to either settle current tax liabilities and assets on a net basis, or to realize the assets and settle the liabilities simultaneously, in each future period in which significant amounts of deferred tax assets or liabilities are expected to be settled or recovered.

### Loss per share

The basic loss per share is computed by dividing the net loss by the weighted average number of common shares outstanding during the period. The diluted loss per share reflects the potential dilution of common share equivalents, such as outstanding stock options and share purchase warrants, in the weighted average number of common shares outstanding during the year, if dilutive. The "treasury stock method" is used for the assumed proceeds upon the exercise of the options and warrants that are used to purchase common shares at the average market price during the year. During the year ended September 30, 2012 and 2011 all of the outstanding stock options and warrants were antidilutive.

### **Financial assets**

All financial assets are initially recorded at fair value and designated upon inception into one of the following four categories: available-for-sale, loans-and-receivables or at fair value through profit or loss ("FVTPL").

Financial assets classified as FVTPL are measured at fair value with unrealized gains and losses recognized through earnings. The Company's cash is classified as FVTPL.

Financial assets classified as loans-and-receivables and held-to-maturity are measured at amortized cost. The Company's trade and other receivables are classified as loans-and-receivables.

Financial assets classified as available-for-sale are measured at fair value with unrealized gains and losses recognized in other comprehensive income (loss) except for losses in value that are considered other than temporary. The Company' has no investments classified as financial assets available-for-sale.

Purchases or sales of financial assets that require delivery of assets within a time frame established by regulation or convention in the marketplace (regular way trades) are recognized on the settlement date.

Transactions costs associated with FVTPL financial assets are expensed as incurred, while transaction costs associated with all other financial assets are included in the initial carrying amount of the asset.

### **Financial liabilities**

All financial liabilities are initially recorded at fair value and designated upon inception as FVTPL or other-financial-liabilities.

Financial liabilities classified as other-financial-liabilities are initially recognized at fair value less directly attributable transaction costs. After initial recognition, other-financial-liabilities are subsequently measured at amortized cost using the effective interest method. The effective interest method is a method of calculating the amortized cost of a financial liability and of allocating interest expense over the relevant period. The effective interest rate is the rate that exactly discounts estimated future cash payments through the expected life of the financial liability, or, where appropriate, a shorter period. The Company's trade and other payables are classified as other-financial-liabilities.

Financial liabilities classified as FVTPL include financial liabilities held for trading and financial liabilities designated upon initial recognition as FVTPL. Derivatives, including separated embedded derivatives, are also classified as held-for-trading unless they are designated as effective hedging instruments. Fair value changes on financial liabilities classified as FVTPL are recognized through the statement of comprehensive income. At September 30, 2012, the Company has not classified any financial liabilities as FVTPL.

### **Impairment of financial assets**

The Company assesses at each date of the statement of financial position whether a financial asset is impaired.

### Assets carried at amortized cost

If there is objective evidence that an impairment loss on assets carried at amortized cost has been incurred, the amount of the loss is measured as the difference between the assets carrying amount and the present value of estimated future cash flows discounted at the financial assets original effective interest rate. The carrying amount of the asset is then reduced by the amount of the impairment. The amount of the loss is recognized in profit or loss.

If, in a subsequent period, the amount of the impairment loss decreases and the decrease can be related objectively to an event occurring after the impairment was recognized, the previously recognized impairment loss is reversed to the extent that the carrying value of the asset does not exceed what the amortized cost would have been had the impairment not been recognized. Any subsequent reversal of an impairment loss is recognized in profit or loss.

In relation to trade receivables, a provision for impairment is made and an impairment loss is recognized in profit and loss when there is objective evidence (such as the probability of insolvency or significant financial difficulties of the debtor) that the Company will not be able to collect all of the amounts due under the original terms of the invoice. The carrying amount of the receivable is reduced through use of an allowance account. Impaired debts are written off against the allowance account when they are assessed as uncollectible.

### Available-for-sale

If an available-for-sale asset is impaired, an amount comprising the difference between its cost and its current fair value, less any impairment loss previously recognized in profit or loss, is transferred from equity to profit or loss. Reversals in respect of equity instruments classified as available-for-sale are not recognized in profit or loss.

### Impairment of non-financial assets

At each date of the statement of financial position, the Company reviews the carrying amounts of its tangible and intangible assets to determine whether there is an indication that those assets have suffered an impairment loss. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss (if any). Where it is not possible to estimate the recoverable amount of an individual asset, the Company estimates the recoverable amount of the cash-generating unit to which the assets belong.

Recoverable amount is the higher of fair value less costs to sell and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset.

If the recoverable amount of an asset (or cash-generating unit) is estimated to be less than its carrying amount, the carrying amount of the asset (or cash-generating unit) is reduced to its recoverable amount. An impairment loss is recognized immediately in the statement of comprehensive income, unless the relevant asset is carried at a re-valued amount, in which case the impairment loss is treated as a revaluation decrease.

Where an impairment loss subsequently reverses, the carrying amount of the asset (cash-generating unit) is increased to the revised estimate of its recoverable amount, but so that the increased carrying amount does not exceed the carrying amount that would have been determined had no impairment loss been recognized for the asset (or cash-generating unit) in prior years.

#### Cash

Cash in the statement of financial position comprise cash at banks.

#### **Provisions**

Provisions are recognized when the Company has a present obligation (legal or constructive) that has arisen as a result of a past event and it is probable that a future outflow of resources will be required to settle the obligation, provided that a reliable estimate can be made of the amount of the obligation.

Provisions are measured at the present value of the expenditures expected to be required to settle the obligation using a pre-tax rate that reflects current market assessments of the time value of money and the risk specific to the obligation. The increase in the provision due to passage of time is recognized as interest expense.

### **Related party transactions**

Parties are considered to be related if one party has the ability, directly or indirectly, to control the other party or exercise significant influence over the other party in making financial and operating decisions. Parties are also considered to be related if they are subject to common control or common significant influence, related parties may be individuals or corporate entities. A transaction is considered to be a related party transaction when there is a transfer of resources or obligations between related parties. Related party transactions that are in the normal course of business and have commercial substance are measured at the exchange amount.

### Flow-through Shares

The obligation to renounce tax deductions at the time of issuance of flow-through shares is recorded as a liability in accordance with IAS 37, "Provisions, Contingent Liabilities and Contingent Assets" measured using a residual or a relative fair value method. This obligation is released into the statement of comprehensive income as a gain as and when the Company incurs qualifying expenditures (i.e. fulfilling its obligation to renounce tax attributes).

### Significant accounting judgments and estimates

The preparation of these financial statements requires management to make judgments and estimates and form assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and reported amounts of revenues and expenses during the reporting period. On an ongoing basis, management evaluates its judgments and estimates in relation to assets, liabilities, revenue and expenses. Management uses historical experience and various other factors it believes to be reasonable under the given circumstances as the basis for its judgments and estimates. Actual outcomes may differ from these estimates under different assumptions and conditions. The most significant estimates relate to asset retirement obligations; recoverability of trade and other receivables, valuation of deferred income tax amounts, impairment testing, and the calculation of share based payments, and warrants. The most significant judgments relate to recognition of deferred tax assets and liabilities, determination of the commencement of commercial production and the determination of the economic viability of a project.

# INTERNATIONAL FINANCIAL REPORTING STANDARDS (the "IFRS")

### Transition to IFRS from GAAP

In February 2008, the Canadian Accounting Standards Board confirmed that Canadian publicly accountable enterprises will be required to adopt IFRS for financial periods beginning on and after October 1, 2011.

The Company has adopted IFRS with an adoption date of October 1, 2011 and a transition date of October 1, 2010.

### **IFRS Conversion**

The Company's IFRS conversion plan was comprehensive and addressed matters including changes in accounting policies, restatement of comparative periods, organizational and internal controls and any required changes to business processes. To facilitate this process and ensure the full impact of the conversion was understood and managed reasonably, the Company hired an IFRS conversion project manager. The accounting staff attended several training courses on the adoption and implementation of IFRS. Through in-depth training and the preparation of reconciliations of historical Canadian GAAP financial statements to IFRS, the Company believes that its accounting personnel have obtained a thorough understanding of IFRS.

In conjunction with the adoption of IFRS the Company has implemented a new accounting system, which will satisfy all the information needs of the Company under IFRS. The Company has also reviewed its current internal and disclosure control processes and believes they will not need significant modification as a result of our conversion to IFRS.

### **Impact of IFRS**

IFRS employs a conceptual framework that is similar to Canadian GAAP; however significant differences exist in certain matters of recognition, measurement and disclosure. While the adoption of IFRS will not change the actual cash flows of the Company, the adoption will result in changes to the reported financial position and results of operations of the Company. In order to allow the users of the financial statements to better understand these changes, we have provided the reconciliations between Canadian GAAP and IFRS for the total assets, total liabilities, shareholders equity and net earnings in Note 3 to the audited financial statements. The adoption of IFRS has had no significant impact on the net cash flows of the Company. The changes made to the statements of financial position and comprehensive income have resulted in reclassifications of various amounts on the statements of cash flows, however there has been no change to the net cash position.

In preparing the reconciliations, the Company applied the principles and elections of IFRS 1, with a transition date of October 1, 2010. As the Company has adopted IFRS effective October 1, 2010, it will apply the provisions of IFRS 1 as described under the section entitled "Initial Adoption – IFRS 1", with an October 1, 2010 transition date. The Company will also apply IFRS standards in effect at September 30, 2012 as required by IFRS 1.

### **Initial Adoption of International Accounting Standards**

IFRS 1 "First Time Adoption of International Accounting Standards" sets forth guidance for the initial adoption of IFRS. Under IFRS 1 the standards are applied retrospectively at the transitional date of the statement of financial position with all adjustments to assets and liabilities as stated under GAAP taken to retained earnings unless certain exemptions are applied. The Company has chosen to take the following exemptions under IFRS 1:

- to apply the requirements of IFRS 3, *Business Combinations*, prospectively from the transition date:
- to apply the requirements of IFRS 2, *Share-based payments*, only to equity instruments granted after November 7, 2002 which had not vested as of the transition date; and
- to transfer all foreign currency translation differences, recognized as a separate component of equity, to deficit as at the transition date including those foreign currency differences which arise on adoption of IFRS.

# **Comparative Information**

The Company has restated all prior period figures in accordance with IFRS.

### **RISKS AND UNCERTAINTIES**

The Company faces a number of uncertainties, including the ability to raise sufficient capital to fund exploration activities and ongoing administrative expenses. Failure to obtain sufficient financing may result in the delay or indefinite postponement of exploration, development or production on any or all of its properties or even a loss of property interests. The business of the Company, mineral exploration and development, involves a high degree of risk. The exploration, development, mining and processing of minerals from the Company's properties will require substantial additional financing. Few properties that are explored ultimately become producing mines. At present, none of the Company's properties has a known commercial ore deposit. Nor is there any assurance that if such properties contain such ore bodies that the Company will be able to discover and develop them. The extraction of metals and minerals from ore involves complicated metallurgical processes and recovery rates and costs can vary; there is no assurance that ore bodies, if discovered, will be able to be mined economically or successfully.

### (a) Nature of Mineral Exploration and Mining

At the present time, the Company does not hold any interest in a mining property in production. The Company's viability and potential success lie in its ability to discover, develop, exploit and generate revenue out of mineral deposits. The exploration and development of mineral deposits involve significant financial risks over a significant period of time, which even a combination of careful evaluation, experience and knowledge may not eliminate. While discovery of a mine may result in substantial rewards, few properties which are explored are ultimately developed into producing mines. Major expenses may be required to establish reserves by drilling and to construct mining and processing facilities at a site. It is impossible to ensure that the current or proposed exploration programs on exploration properties in which the Company has an interest will result in a profitable commercial mining operation.

The operations of the Company are subject to all of the hazards and risks normally incidental to exploration and development of mineral properties, any of which could result in damage to life or property, environmental damage and possible legal liability for any or all damage. The activities of the Company may be subject to prolonged disruption of activities or scheduled work programs, due to weather conditions, barriers to property access, whether natural (such as floods or road damage) or manmade (such as blockades), depending on the location of operations in which the Company has interests. Hazards, such as unusual or unexpected formation, rock bursts, pressures, cave-ins, flooding or other conditions may be encountered in the drilling and removal of material. While the Company may obtain insurance against certain risks in such amounts as it considers adequate, the nature of these risks is such that liabilities could exceed policy limits or could be excluded from coverage. There are also risks against which the Company cannot insure or against which it may elect not to insure. The potential costs which could be associated with any liabilities not covered by insurance or in excess of insurance coverage or

compliance with applicable laws and regulations may cause substantial delays and require significant capital outlays, adversely affecting the future earnings and competitive position of the Company and, potentially, its financial position.

Whether a mineral deposit will be commercially viable depends on a number of factors, some of which are the particular attributes of the deposit, such as its size and grade, proximity to infrastructure, financing costs and governmental regulations, including regulations relating to prices, taxes, royalties, infrastructure, land use, importing and exporting and environmental protection. The effect of these factors cannot be accurately predicted, and the combination of these factors may result in the Company not receiving an adequate return on invested capital.

### (b) Commodity Price Risk

The price of the common shares in the capital the Company, its financial results, exploration and development activities have been, or may in the future be, adversely affected by declines in the price of gold and/or other metals. Gold, copper, nickel, platinum or any other minerals discovered prices fluctuate widely and are affected by numerous factors beyond the Company's control, such as the sale or purchase of commodities by various central banks, financial institutions, expectations of inflation or deflation, currency exchange fluctuations, interest rates, global or regional consumptive patterns, international supply and demand, speculative activities and increased production due to new mine developments, improved mining and production methods and international economic and political trends. The Company's revenues, if any, are expected to be in large part derived from mining and sale of precious and base metals or interests in properties related thereto. The effect of these factors on the price of precious and base metals, and therefore the economic viability of any of the Company's exploration projects, cannot accurately be predicted.

### (c) Competition

The mineral exploration and mining business is competitive in all of its phases. The Company competes with numerous other companies and individuals, including competitors with greater financial, technical and other resources than the Company, in the search for and acquisition of attractive mineral properties. The ability of the Company to acquire properties in the future will depend not only on its ability to develop its present properties, but also on its ability to select and acquire suitable properties or prospects for mineral exploration. There is no assurance that the Company will continue to be able to compete successfully with its competitors in acquiring such properties or prospects.

### (d) Financing Risks

The Company has limited financial resources and no current revenues. There is no assurance that additional funding will be available to it for further exploration and development of its projects or to fulfill its obligations under applicable agreements. Although the Company has been successful in the past in obtaining financing through the sale of equity securities, 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 favourable. Failure to obtain such additional financing could result in delay or indefinite postponement of further exploration and development of the property interests of the Company with the possible dilution or loss of such interests.

### (e) Permits and Licences

The operations of the Company may require licences and permits from various governmental authorities. The Company believes that it presently holds all necessary licences and permits required to carry on with

activities which it is currently conducting under applicable laws and regulations and the Company believes it is presently complying in all material respects with the terms of such laws and regulations. However, such laws and regulations are subject to change. There can be no assurance that the Company will be able to obtain all necessary licences and permits required to carry out exploration, development and mining operations at its projects.

### (f) No Assurance of Titles

The acquisition of title to mineral projects is a very detailed and time consuming process. Although the Company has taken precautions to ensure that legal title to its property interests is properly recorded in the name of the Company where possible, there can be no assurance that such title will ultimately be secured. Furthermore, there is no assurance that the interest of the Company in any of its properties may not be challenged or impugned. Some of the Company's properties may be subject to claims from aboriginal peoples which may affect exploration activities and costs.

### (g) Environmental Regulations

The operations of the Company are subject to environmental regulations promulgated by government agencies from time to time. Environmental legislation provides for restrictions and prohibitions on spills, releases or emissions of various substances produced in association with certain mineral exploration and mining operations, which would result in environmental pollution. A breach of such legislation may result in the imposition of fines and penalties. In addition, certain types of operations require the submission and approval of environmental impact assessments. Environmental legislation is evolving in a manner which means stricter standards and enforcement; fines and penalties for non-compliance are more stringent. Environmental assessments of proposed projects carry a heightened degree of responsibility for companies and their directors, officers and employees. The cost of compliance with changes in governmental regulations has a potential to reduce the profitability of operations.

### (h) Conflicts of Interest

The directors and officers of the Company may serve as directors or officers of other public resource companies or have significant shareholdings in other public resource companies. Situations may arise in connection with potential acquisitions and investments where the other interests of these directors and officers may conflict with the interest of the Company. In the event that such a conflict of interest arises at a meeting of the directors of the Company, a director is required by the *Business Corporations Act* to disclose the conflict of interest and to abstain from voting on the matter.

From time to time several companies may participate in the acquisition, exploration and development of natural resource properties thereby allowing for their participation in larger programs, permitting involvement in a greater number of programs and reducing financial exposure in respect of any one program. It may also occur that a particular company will assign all or a portion of its interest in a particular program to another of these companies due to the financial position of the company making the assignment. In determining whether or not the Company will participate in a particular program and the interest therein to be acquired by it, the directors will primarily consider the degree of risk to which the Company may be exposed and its financial position at that time.

### (i) Dependence on Key Personnel

The Company is dependent on a relatively small number of key people, the loss of any of whom could have an adverse effect on its operations.

### (j) Political Risk

All of the Company's properties are located in Canada. Accordingly, the Company is subject to risks normally associated with exploration for and development of mineral properties in that country. The Company's mineral exploration activities could be affected in varying degrees by such political instability, aboriginal land claims and government regulation relating to foreign investment and the mining business. Operations may also be affected in varying degrees by terrorism, military conflict or repression, crime, extreme fluctuations in currency rates and high inflation.

### (k) Interest Rate Risk

The Company invests cash surplus to its operational needs in investment-grade short term deposits certificates issued by the bank where it keeps its Canadian bank accounts. The Company periodically assesses the quality of its investments with this bank and is satisfied with the credit rating of the bank and the investment grade of its short term deposits certificates.

### (l) Liquidity Risk

The Company's approach to managing liquidity risk is to ensure that it will have sufficient liquidity to meet liabilities when due. As at September 30, 2012, the Company had current assets of \$163,238 (2011 - \$203,191) and current liabilities of \$7,196 (2011 - \$4,229). All of the Company's financial liabilities and receivables are subject to normal trade terms. The Company had current working capital as of September 30, 2012, of \$156,042 (2011 - \$198,962).

### (m) Acquisition

The Company uses its best judgment to acquire mining properties for exploration and development. In pursuit of such opportunities, the Company may fail to select appropriate acquisition candidates or negotiate acceptable agreements, including arrangements to finance the acquisitions and development, or integrate such opportunity and their personnel with the Company. The Company cannot assure that it can complete any acquisition that it pursues or is currently pursuing, on favourable terms, or that any acquisition completed will ultimately benefit the Company.

### (n) Internal Control over Financial Reporting

Internal controls over financial reporting are procedures designed to provide reasonable assurance that transactions are properly authorized, assets are safeguarded against unauthorized or improper use, and transactions are properly recorded and reported. A control system, no matter how well designed and operated, can provide only reasonable, not absolute, assurance with respect to the reliability of financial reporting and financial statement preparation.

### **RELATED-PARTY TRANSACTIONS**

Our proposed business raises potential conflicts of interests between certain of our officers and directors and us. Certain of our directors are directors of other mineral resource companies and, to the extent that such other companies may participate in ventures in which we may participate, our directors may have a conflict of interest in negotiating and concluding terms regarding the extent of such participation. In the event that such a conflict of interest arises at a meeting of our directors, a director who has such a conflict will abstain from voting for or against the approval of such participation or such terms. In appropriate cases, we will establish a special committee of independent directors to review a matter in which several directors, or management, may have a conflict. From time to time, several companies may participate in

the acquisition, exploration and development of natural resource properties thereby allowing for their participation in larger programs, involvement in a greater number of programs and reduction of the financial exposure with respect to any one program. It may also occur that a particular company will assign all or a portion of its interest in a particular program to another of these companies due to the financial position of the company making the assignment.

In determining whether we will participate in a particular program and the interest therein to be acquired by it, the directors will primarily consider the potential benefits to us, the degree of risk to which we may be exposed and its financial position at that time. Other than as indicated, we have no other procedures or mechanisms to deal with conflicts of interest. We are not aware of the existence of any conflict of interest as described herein.

Other than as disclosed below, during the years ended September 30, 2012 and 2011, none of our current directors, officers or principal shareholders, nor any family member of the foregoing, nor, to the best of our information and belief, any of our former directors, senior officers or principal shareholders, nor any family member of such former directors, officers or principal shareholders, has or had any material interest, direct or indirect, in any transaction, or in any proposed transaction which has materially affected or will materially affect us.

There have been no transactions or proposed transactions with officers and directors during the last twelve months to which we are a party except as follows:

During the year ended September 30, 2012, the Company incurred management fees of \$Nil (2011 - \$75,600) and Accounting, audit and legal of \$12,000 (2011 - \$Nil) to directors and officers of the Company. The transactions were recorded at the exchange amount, being the value established and agreed to by the related parties.

### FORWARD-LOOKING STATEMENTS

This management discussion and analysis ("MD&A") contains certain forward-looking statements and information relating to the Company that are based on the beliefs of its management as well as assumptions made by and information currently available to the Company. When used in this document, the words "anticipate", "believe", "estimate", "expect" and similar expressions, as they relate to the Company or its management, are intended to identify forward-looking statements. This MD&A contains forward-looking statements relating to, among other things, regulatory compliance, the sufficiency of current working capital and the estimated cost and availability of funding for the continued exploration and development of the Company's exploration properties. Such statements reflect the current views of the Company with respect to future events and are subject to certain risks, uncertainties and assumptions. Many factors could cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements that may be expressed or implied by such forward-looking statements.

### **APPROVAL**

The Board of Directors of Minerva Minerals Limited has approved the disclosure contained in this management discussion and analysis and is effective as of January 24, 2013.