# BITTERROOT RESOURCES LTD. MANAGEMENT DISCUSSION & ANALYSIS

For the year ended October 31, 2015 As of February 2, 2016

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# BITTERROOT RESOURCES LTD. MANAGEMENT DISCUSSION & ANALYSIS

For the year ended October 31, 2015 As of February 2, 2016

### **INTRODUCTION**

Bitterroot Resources Ltd. is a mineral resource company engaged directly and indirectly through its wholly-owned subsidiaries, (collectively referred to herein as "the Company" or "Bitterroot"), in the acquisition and exploration of mineral properties. In the Upper Peninsula of Michigan, Bitterroot's wholly-owned subsidiary Trans Superior Resources, Inc. ("Trans Superior") owns recorded mineral title interests covering approximately 360 square miles. In September 2015, Bitterroot entered into a strategic relationship with Altius Minerals Corporation ("Altius") whereby Altius purchased an initial 50.1% interest in Bitterroot's wholly-owned mineral rights and has an option to earn up to an 80% interest in these mineral rights. Details of the transaction are provided in the Summary of Activities section below. Trans Superior also leases the 40 acre, privately-owned LM property in the Upper Peninsula. In southern British Columbia, the Company owns a 100 percent interest in the North Brenda (Au/Cu/Mo) claims.

Between November 1, 2014 and the date of this report, gold spot prices decreased approximately 6%, copper spot prices declined approximately 34% and the TSX Venture Exchange index declined 38%. The Company is exposed to commodity price and equity market risk due to the cyclical nature of the mineral exploration business. In recent years, Management has minimized exploration costs and political risk by operating primarily in Michigan, a mining-friendly, road-accessible North American jurisdiction.

The following Management Discussion and Analysis (MD&A) should be read in conjunction with Bitterroot Resources Ltd.'s audited consolidated financial statements for the year ended October 31, 2015 and the related notes contained therein which have been prepared under International Financial Reporting Standards ("IFRS"). This information and exploration results are presented in news releases and project summaries available on <a href="https://www.beta.com">www.sedar.com</a> or on the Company's website (<a href="https://www.bitterrootresources.com">www.bitterrootresources.com</a>).

All financial information in this MD&A related to 2015 and 2014 has been prepared in accordance with IFRS and all dollar amounts are quoted in Canadian dollars, the reporting and functional currency of the Company, unless specifically noted.

## FORWARD LOOKING STATEMENTS

Certain information in this MD&A, including all statements that are not historical facts, constitutes forward-looking information within the meaning of applicable Canadian securities laws. Such forward-looking information may include, but is not limited to, information which reflect management's expectations regarding the Company's future growth, results of operations (including, without limitation, future production and capital expenditures), performance (both operational and financial) and business prospects (including the timing and development of new deposits and the success of exploration activities) and opportunities. Often, this information includes words such as "plans", "expects" or "does not expect", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or "does not anticipate" or "believes" or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved.

In making and providing the forward-looking information included in this MD&A the Company's assumptions may include among other things: (i) assumptions about the price of base metals; (ii) that there are no material delays in the optimisation of operations at the properties; (iii) assumptions about operating costs and expenditures; (iv) assumptions about future production and recovery; (v) that there is no unanticipated fluctuation in foreign exchange rates; and (vi) that there is no material deterioration in general economic conditions. Although management believes that the assumptions made and the expectations represented by such information are reasonable, there can be no assurance that the forward-looking information will prove to be accurate. By its nature, forward-looking information is based on assumptions and involves known and unknown risks, uncertainties and other factors that may cause the Company's actual results, performance or achievements, or results, to be materially different from future results, performance or achievements expressed or implied by such forward-looking information. Such risks, uncertainties and other factors include among other things the following: (i) decreases in the price of base metals; (ii) the risk that the Company will continue to have negative operating cash flow; (iii) the risk that additional financing will not be obtained as and when required; (iv) material increases in operating costs; (v) adverse fluctuations in foreign exchange rates; and (vi) environmental risks and changes in environmental legislation.

This MD&A (See "Risks and Uncertainties") contains information on risks, uncertainties and other factors relating to the forward-looking information. Although the Company has attempted to identify factors that would cause actual actions, events or results to differ materially from those disclosed in the forward-looking information, there may be other factors that cause actual results, performances, achievements or events not to be anticipated, estimated or intended. Also, many of the factors are beyond the Company's control. Accordingly, readers should not place undue reliance on forward-looking information. The Company undertakes no obligation to reissue or update forward looking information as a result of new information or events after the date of this MD&A except as may be required by law. All forward-looking information disclosed in this document is qualified by this cautionary statement.

#### **SUMMARY OF ACTIVITIES**

In the year ended October 31, 2015, the majority of Bitterroot Resources Ltd.'s exploration expenditures were on geological consulting in Michigan. Exploration and project evaluation expenditures in the year were \$83,163. Loss and comprehensive loss was \$333,847.

In September 2015, the Company consolidated its share capital, options and warrants on a ten to one (10/1) basis. All shares and per share amounts have been retroactively restated for all periods presented.

#### **OVERALL PERFORMANCE**

## **Results of Operations**

### Michigan Lands, Michigan

In September 2015, the Company and its wholly-owned subsidiaries entered into an agreement with Altius Minerals Corporation (ALS, TSX) ("Altius") whereby the parties closed a strategic transaction (the "Transaction") under which Altius may finance future mineral exploration on the Company's Voyageur Lands and Copper Range Lands in the Upper Peninsula of Michigan (the "Properties").

As part of the Transaction, Altius has acquired a 50.1% interest in the Properties, which will revert to the Company if Altius does not fund \$600,000 of exploration expenditures on the Properties before September 29, 2016. Following the Year 1 earn-in, Altius will have the right to acquire an additional 19.9% of the Properties by completing \$2.5 million in exploration spending by September 29, 2021, plus the right to acquire an additional 10% of the Properties by completing exploration spending of a further \$5 million, or completing an NI 43-101 compliant pre-feasibility study on a mineral resource on the Properties, before September 29, 2025. The Company also granted to Altius a 2% net smelter returns (NSR) royalty on the Voyageur Lands (covering approximately 250 square miles of mineral rights) and assigned to Altius its right to repurchase a 1% NSR held by a third party on the Copper Range Lands, both of which are subject to Altius funding the required Year 1 exploration expenditures.

Bitterroot is managing the Year 1 exploration program. In October 2015, Altius and Bitterroot's contractor Geotech Ltd. completed a detailed airborne VTEM Plus airborne time-domain electromagnetic survey over a large portion of the Voyageur Lands. The VTEM Plus survey covered 827 square kilometres, with lines spaced 200 metres apart, for a total of 4,590 line-km flown, all within one month of the closing of the Transaction. The survey has identified nine (9) high-priority targets and seven (7) medium-priority targets for follow-up. Bitterroot and Altius are continuing with geological, geochemical and geophysical data processing, analyses and compilations. The objective of the first year's exploration program is to develop and refine drill targets which are prospective for high-grade, conduit-hosted Ni-Cu-PGM deposits similar to the Eagle, Eagle East, Bovine Igneous Complex (BIC) and Tamarack deposits.

In conjunction with the Transaction, the Company consolidated its common shares on a 10 (ten) old for 1 (one) new basis and settled debts of \$307,702 through the issuance of 3,077,022 post-consolidation common shares at a deemed price of \$0.10 per share.

Altius also subscribed on a private placement basis for 4,051,514 post-consolidation common shares of the Company, priced at \$0.0987 per share for gross proceeds of \$400,000. Upon completion of the share consolidation, the share issuance to Altius and the shares-for-debt settlements, Altius will own 19.9% of the outstanding common shares of the Company.

### LM Property

In September 2014, the Company's Michigan subsidiary entered into an agreement whereby it purchased a third party's entire interest in a 40-acre minerals lease in Baraga County, Michigan, known as the "LM" property. In May 2015, the Company made its required \$4,000 annual advance royalty payment. The LM property is prospective for Ni-Cu-PGM mineralization similar to Lundin Mining Corporation's Eagle Mine, located approximately 24 km ESE, in a similar geological setting. The Baraga Basin hosts several other nickel and copper sulphide-bearing mafic/ultramafic intrusions, including Lundin Mining's Eagle East and Rio Tinto's Bovine Igneous Complex. Ni-Cu-PGM-mineralized boulders have been discovered in gravel pits less than 2 km east and south ("down-ice") of the LM property. Shallow drilling in the 1990's intersected 190 metres of mafic intrusion hosted in Baraga Group sediments. Bitterroot's management plans to drill-test the intrusion at depths of 400-600 metres, subject to financing. This lease interest is not part of the Altius transaction described above.

During and subsequent to the year ended October 31, 2015, the Company and the lessors of the LM Property agreed to amend the terms of their mineral leases. The amendment gives the Company the option to reduce the current 3% net smelter returns royalty (NSR) to a 2% NSR by

paying US\$1,000,000 at any time prior to December 31, 2064. The option was purchased for US\$4,000 (paid), plus 100,000 common shares of the Company.

In November 2015, the Company and the lessors agreed to a second amendment. The amendment extends the term of the LM Property mineral leases by 41 years to December 31, 2064. In consideration for extending the term, the next annual advance royalty payment will be increased to US\$110/acre/year, commencing May 31, 2016. The advance royalty payments will increase by \$10/acre/year for each subsequent year that the lease is in effect.

During the year ended October 31, 2015, the Company spent \$82,883 (2014 - \$775,429) on its Michigan exploration projects, mainly on geological consulting. Mr. Glenn Scott, P.Geo is the Qualified Person responsible for the technical content of this disclosure.

## North Brenda Project, British Columbia

During the year ended October 31, 2015 and 2014, the Company performed minimal exploration work on the North Brenda claims and as a result decided to write off \$976,654 costs related to the property. The vendors retain a 2% net smelter returns royalty, of which the Company can purchase half by paying \$1,000,000.

#### Other

In March 2015, the Company forfeited its 100% interest in the GK (Au) claims in southern BC. No work was done on this property in 2014 and 2015. In June 2014, the Company forfeited the claims comprising the SPN Property.

#### SELECTED ANNUAL INFORMATION

The following table represents selected information of the Company for the three most recently completed financial years:

	October 31,	October 31,	October 31,
	2015	2014	2013
Total revenue	\$ -	\$ -	\$ -
Loss and comprehensive loss for the year	333,847	1,486,949	3,126,555
Basic and diluted loss per share	(0.02)	(0.11)	(0.03)
Total assets	4,542,397	4,457,755	5,407,697
Total long term liabilities	-	-	

During the year ended October 31, 2014, the Company wrote-down \$1,140,847 of capitalized expenditures on the North Brenda Property and Michigan Lands.

During the year ended October 31, 2013, the Company wrote-down \$2,744,245 of capitalized expenditures on the North Brenda Property, Windy Property and Michigan Lands.

### **SUMMARY OF FINANCIAL RESULTS**

#### Revenues

Due to the Company's status as an exploration and development stage mineral resource company and a lack of commercial production from its properties, the Company currently does not have any revenues from its operations.

#### **Expenses**

During the year ended October 31, 2015, the Company recorded a loss of \$333,847 (\$0.02 per share) compared to a loss of \$1,486,949 (\$0.11 per share) for the year ended October 31, 2014.

Expenses were \$333,847 for the year year ended October 31, 2015 compared to \$1,486,949 for the year ended October 31, 2014.

Expenses details are as follows:

- a) Interest expense of \$8,375 (2014 \$Nil) the increase is due to interest accrued on the loan from a family member of a director.
- b) Foreign exchange loss of \$23,282 (2014 -\$13,164) the change in foreign exchange is due to fluctuations in US dollar exchange rates during the year.
- c) Office and printing costs of \$56,362 (2014 \$74,143) the decrease is mainly due to reduced office rent and administrative costs.
- d) Professional fees of \$97,967 (2014 \$55,704) the increase is due to a higher volume of legal activities incurred prior to closing of the Altius transaction.
- e) Share-based payments of Nil (2014 \$47,479) The decrease is due to stock options granted to directors and officers in the prior year.

The remaining expenses were relatively comparable to the prior year.

#### Fourth quarter – expenses

During the three months ended October 31, 2015, the Company recorded a loss of \$112,809 (\$0.01 per share) compared to a loss of \$1,227,497 (\$0.09 per share) for the three months ended October 31, 2014. Expenses details are as follows:

- a) Professional fees of \$60,572 (2014 \$34,156) the increase is due to a higher volume of legal activities incurred prior to closing the Altius transaction.
- b) Write-down of exploration and evaluation assets of \$280 (2014 \$1,140,847) the change is due to write-down of capitalized expenditures on the North Brenda and Michigan Properties.

### **SUMMARY OF QUARTERLY RESULTS**

The following tables set forth a comparison of revenues and expenses for the previous eight quarters ending with October 31, 2015.

	October 31, 2015	July 31, 2015	April 30, 2015	January 31, 2015
Revenue	\$ nil	\$ nil	\$ nil	\$ nil
Loss for the period	(112,810)	(81,117)	(79,519)	(60,401)
Exploration and		, ,	•	,
evaluation assets	4,417,166	4,440,777	4,467,101	4,462,306
Total assets	4,542,397	4,510,763	4,506,984	4,504,615
Loss per share	(0.01)	(0.01)	(0.01)	(0.00)
	October 31, 2014	July 31, 2014	April 30, 2014	January 31, 2014
Revenue	\$ nil	\$ nil	\$ nil	\$ nil
Loss for the period	(1,227,497)	(107,137)	(85,756)	(66,559)
Exploration and	( , , ,	, ,	( , , ,	, , ,
evaluation assets	4,416,441	5,492,011	5,109,647	4,919,701
Total assets	4,457,755	5,693,773	5,425,472	5,296,991
Loss per share	(0.09)	(0.01)	(0.01)	(0.01)

During the quarter ended October 31, 2015, the Company recorded professional fees of \$60,572.

During the quarter ended October 31, 2014, the Company wrote-down \$1,140,847 of capitalized expenditures on its North Brenda and Michigan properties.

During the quarter ended July 31, 2014, the Company recorded share-based payments of \$47,479.

### FINANCIAL CONDITION, LIQUIDITY AND CAPITAL RESOURCES

As at October 31, 2015, the Company had cash of \$57,063, \$10,500 was owed to related parties, accounts payable and accrued liabilities were \$29,012 and the working capital was \$60,324. The accompanying consolidated financial statements have been prepared in accordance with International Financial Reporting Standards ("IFRS") on a going concern basis, which contemplates the realization of assets and the satisfaction of liabilities and commitments in the normal course of business. The continuation of the Company is dependent upon the continuing financial support of creditors and stockholders, refinancing debts payable, obtaining additional long term debt or equity financing, as well as achieving and maintaining a profitable level of operations. The Company believes it will require additional working capital to meet operating and exploration costs for the upcoming year.

During the year ended October 31, 2015, the Company received loan proceeds of \$71,000 (2014 - \$67,500) from a non-arms-length party of a director. As at October 31, 2015, the Company recorded \$8,375 of accrued interest (2014 – Nil).

During the year ended October 31, 2015, the Company entered into a loan agreement for proceeds of \$138,500. The loan bore interest at a rate of 12% per annum and was payable on demand. During the year ended October 31, 2015, the loan and accrued interest of \$8,375 were settled through the issuance of 1,468,755 shares of the Company at a deemed price of \$0.10 per share.

During the year ended October 31, 2015, the Company issued 4,051,514 shares to Altius Minerals Corporation at a fair value of \$0.098729 per share for gross proceeds of \$400,000. The Company paid \$7,289 of share issue costs in relation to the private placement.

### **RELATED PARTY TRANSACTIONS**

Key management personnel are the persons responsible for the planning, directing and controlling the activities of the Company and include both executive and non-executive directors, and entities controlled by such persons. The Company considers all Directors and Officers of the Company to be key management personnel.

The following is a summary of related party transactions and balances during the year ended October 31, 2015, not disclosed elsewhere in the financial statements:

(a) Management fees of \$120,000 (2014 - \$120,000) were incurred from a company controlled by Michael Carr, the CEO of the Company.

As at October 31, 2015, the Company owed \$10,500 (2014 - \$43,534) to a company controlled by Michael Carr. During the year ended October 31, 2015, the Company received loan proceeds from a non-arms-length party of a director in the aggregate amount of \$71,000 (2014 - \$67,500).

## **RISKS AND UNCERTAINTIES**

Natural resources exploration, development, production and processing involve a number of business risks, some of which are beyond the Company's control. These can be categorized as operational, financial and regulatory risks.

- Operational risks include finding and developing reserves economically, marketing
  production and services, product deliverability uncertainties, changing government law
  and regulation, hiring and retaining skilled employees and contractors and conducting
  operations in a cost effective and safe manner. The Company continuously monitors and
  responds to changes in these factors and adheres to all regulations governing its
  operations. Insurance may be maintained at levels consistent with prudent industry
  practices to minimize risks, but the Company is not fully insured against all risks, nor are
  all such risks insurable.
- Financial risks include commodity prices, interest rates and the Canadian dollar and the United States dollar, which are beyond the Company's control.
- Regulatory risks include the possible delay in getting regulatory approval to the transactions that the Board of Directors believe to be in the best interest of the Company, increased fees for filing, the introduction ever more complex reporting requirements the cost of which the Company must meet in order to maintain its

exchange listing and the resulting potential for accounting errors which may lead to fines, interest charges and cash calls.

The Company's ability to meet its ongoing financial obligations will be determined by management's success in acquiring exploration and evaluation assets, obtaining equity financing, negotiating joint venture arrangements and facilitating the exercise of outstanding share purchase warrants and options. There can be no assurance that the Company will be able to continue to raise funds, in which case it may be unable to meet its obligations. Should the Company be unable to realize its assets and discharge its liabilities in the normal course of business, the realizable value of its assets may be materially less than the amounts recorded on the statements of financial position. Details of funding commitments on the Company's exploration and evaluation assets are disclosed in Note 5 of the audited consolidated financial statements for the year ended October 31, 2015.

#### DISCLOSURE FOR VENTURE ISSUERS WITHOUT SIGNIFICANT REVENUE

An analysis of the material components of the Company's general and administrative expenses is disclosed in the audited consolidated financial statements for the year ended October 31, 2015 to which this MD&A relates. An analysis of the material components of the exploration and evaluation assets of the Company is disclosed in Note 5 of the audited consolidated financial statements for the year ended October 31, 2015 to which this MD&A relates.

## **OUTSTANDING SHARES, STOCK OPTIONS AND WARRANTS**

As at the date of this report, the Company has the following outstanding:

- 20,459,367 common shares
- Stock options:

Number of Options	Exercise Price (\$)	Expiry Date
60,500	1.30	April 28, 2016
231,000	1.00	January 17, 2017
178,000	1.05	September 9, 2017
45,000	1.00	March 24, 2018
80,000	1.05	August 28, 2018
20,000	1.00	January 23, 2019
160,000	1.00	June 19, 2019
1,200,000	0.10	January 21, 2021
1,974,500		

## Warrants:

Number of Warrants	Exercise Price (\$)	Expiry Date
50,000	1.00	September 15, 2016
50,000		

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

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

#### PROPOSED TRANSACTIONS

The Company continues to evaluate property acquisitions and dispositions, actively target sources of additional financing through alliances with financial, exploration and mining entities and to explore and develop its exploration and evaluation assets. Should it enter into agreements over new properties, it may be required to make cash payments and complete work expenditure commitments.

### **CRITICAL ACCOUNTING ESTIMATES**

The preparation of financial statements in accordance with IFRS requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual reports could differ from management's estimates.

#### CONTINGENCIES

There are no contingent liabilities.

#### INTERNAL CONTROLS OVER FINANCIAL REPORTING

## Changes in Internal Control over Financial Reporting ("ICFR")

In connection with National Instrument 52-109, Certification of Disclosure in Issuer's Annual and Interim Filings ("NI 52-109") adopted in December 2008 by each of the securities commissions across Canada, the Chief Executive Officer and Chief Financial Officer of the Company will file a Venture Issuer Basic Certificate with respect to financial information contained in the unaudited condensed consolidated interim financial statements and the audited consolidated financial statements and respective accompanying Management's Discussion & Analysis. The Venture Issue Basic Certification does not include representations relating to the establishment and maintenance of disclosure controls and procedures and internal control over financial reporting, as defined in NI 52-109.

## MANAGEMENT'S RESPONSIBILITY FOR FINANCIAL STATEMENTS

Information provided in this report, including the financial statements, is the responsibility of management. In the preparation of these statements, estimates are sometimes necessary to make a determination of future values for certain assets or liabilities. Management believes such estimates have been based on careful judgments and have been properly reflected in the accompanying financial statements. Management maintains a system of internal controls to provide reasonable assurances that the Company's assets are safeguarded and to facilitate the preparation of relevant and timely information.

### **OTHER MD&A REQUIREMENTS**

Additional disclosure of the Company's technical reports, material change reports, news releases and other information can be obtained on SEDAR at www.sedar.com.

## RECENT ACCOUNTING POLICIES

Please refer to the October 31, 2015 consolidated financial statements on www.sedar.com.

### FINANCIAL INSTRUMENTS

Please refer to the October 31, 2015 consolidated financial statements on www.sedar.com.

## **DIRECTORS AND OFFICERS**

Michael S. Carr, *CEO*, *President*, *Secretary & Director* Terence S. Ortslan, *Director* George W. Sanders, *Director* Barney Magnusson, *Chief Financial Officer*