



# ALTIUS MINERALS CORPORATION

Management's Discussion and Analysis of Financial Conditions and Results of Operations  
Three and Nine months ended September 30, 2018 ("MD&A")

## **NOTE TO READER**

This MD&A has been refiled to indicate that the document was prepared as of November 7<sup>th</sup>, 2018 and that MD&A contains forward looking information. See the following page for additional information.

*This Management's Discussion and Analysis ("MD&A") should be read in conjunction with the Corporation's consolidated financial statements for the three and nine months ended September 30, 2018 and related notes. This MD&A has been prepared as of November 7, 2018.*

*Management's discussion and analysis of financial condition and results of operations contains forward- looking statements. By their nature, these statements involve risks and uncertainties, many of which are beyond the Corporation's control, which could cause actual results to differ materially from those expressed in such forward-looking statements. Readers are cautioned not to place undue reliance on these statements. The Corporation disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.*

*Additional information regarding the Corporation, including the Corporation's continuous disclosure materials, is available on the Corporation's website at [www.altiusminerals.com](http://www.altiusminerals.com) or through the SEDAR website at [www.sedar.com](http://www.sedar.com).*

## Description of Business

Altius Minerals Corporation (“Altius” or the “Corporation”) has two key elements to its long-term business strategy – the growth of a diversified portfolio of long-life mine royalty/streaming interests and the generation of high-quality exploration projects with an aim to converting these mineral title interests into royalties and public equity holdings. Both business components recognize the inherent cyclicality within the minerals sector as it relates to valuations and the extremes of capital availability and are therefore managed with contrarian discipline over full-cycle investment timeframes.

The Corporation's diversified direct and indirect royalties and streams generate revenue from 15 operating mines located in Canada (14) and Brazil (1), from copper, zinc, nickel, cobalt, potash, iron ore, thermal (electrical) and metallurgical coal and byproduct precious metals (see Appendix 1: Summary of Producing Royalties and Streaming Interests). The portfolio also includes numerous pre-production stage royalties covering a wide spectrum of mineral commodities in numerous jurisdictions. Additional information on the status of these royalty interests is available in Appendix 2: Summary of Exploration and Pre-Development Stage Royalties of this MD&A.

The Corporation's mineral project generation portfolio is well diversified by commodity and geography and consists of exploration projects it has generated from which it has completed, and continues to seek, funding and project advancement agreements with other exploration and mining companies while retaining royalties and equity or minority project interests.

## Operational and Business Overview

In 2017, the Corporation changed its year end to December 31 to better align its financial reporting periods with that of its royalty counterparties and their respective mine operations. This MD&A, and the accompanying consolidated financial statements, reflect three- and nine-month periods from July 1 to September 30, 2018 and January 1 to September 30, 2018 and comparative three- and nine-month periods from August 1 to October 31, 2017 and February 1 to October 31, 2017.

The Corporation experienced mainly flat to lower commodity prices in the third quarter of 2018 compared to the first half, but on a year-over-year basis most commodity prices and production volume saw improvements relative to the comparable nine-month period in 2017 and has resulted in higher attributable royalty revenue on a nine month basis (see non-IFRS measures). Q3 attributable royalty revenue of \$17,084,000 for the three-month period ended September 30, 2018 compares with \$16,543,000 in Q2 2018 and \$17,939,000 in the three months ended October 31, 2017.

The Project Generation business has entered into six agreements with respect to 22 exploration projects so far in 2018 and continues to advance negotiations on the sale of other remaining projects in several jurisdictions. The Corporation's junior equities portfolio performed well despite relative weakness in the junior mining investment sector, ending the quarter with a market value of \$67,800,000. This amount includes the additional 18,797,454 Alderon Iron Ore Corp. (“Alderon”) common shares acquired for \$5,075,000 on March 22, 2018 but excludes the market value of investments in Labrador Iron Ore Royalty Corporation, the Champion Iron convertible debenture, and Lithium Royalty Corp or associated royalties that had market values of \$98,279,000, \$12,566,000 and \$8,400,000, respectively, and various other in-the-money share purchase warrants.

During the previous quarter the Corporation began reporting the results of operations and net assets of the Potash Royalty Limited Partnership (“PRLP”) on a consolidated basis as a result of the increased ownership announced in late March. On March 23, 2018, the Corporation, together with a private third party, acquired an additional 44.935% in PRLP from Liberty Metals & Mining Holdings LLC for net cash consideration of \$65,000,000. This acquisition brings the Corporation's total interest in PRLP to 91.313% from its previous 52.369% ownership level. PRLP is the holder of six potash royalties on Nutrien Ltd.'s Rocanville, Allan, Cory, Patience Lake and Vanscoy mines and on The Mosaic Company's Esterhazy mine, all based in Saskatchewan, Canada.

### Voisey's Bay Settlement

On September 14, 2018 the Corporation and Royal Gold Inc. (“Royal Gold”) entered into an agreement with Vale Canada Limited and certain of its subsidiaries (collectively, the “Parties”) to comprehensively settle litigation related to calculation of the royalty in respect of all concentrates

produced from the Voisey's Bay mine in Newfoundland and Labrador, Canada. The Voisey's Bay 3% net smelter return royalty is directly owned by the Labrador Nickel Royalty Limited Partnership ("LNRLP"), of which Altius is a 10% owner. The remaining 90% interest in LNRLP is owned by a subsidiary of Royal Gold. The Parties agreed to a new method for calculating the royalty in respect of concentrates processed at Vale's Long Harbour Processing Plant ("LHPP"), which will be effective for all Voisey's Bay mine production after April 1, 2018. The specific terms of the settlement are confidential.

LHPP is designed to produce 50,000 tonnes of finished nickel annually once it ramps up to full production. On June 11, 2018, Vale announced it will commence a \$1.7 billion development of an underground mine and associated facilities, which is expected to extend the Voisey's Bay mine life until at least 2034. Vale expects the underground mine to begin production in 2021 and to ramp up over four years, while the current open pit mining in the Ovoid deposit is expected to continue until 2022. Vale estimates Voisey's Bay mineral reserves at 32.4 million tonnes with a nickel grade of 2.13%, a copper grade of 0.96%, and a cobalt grade of 0.13% as of December 31, 2017.

## Royalties

A summary of the Corporation's attributable royalty revenue shown in thousands of Canadian dollars is as follows:

(IN THOUSANDS OF CANADIAN DOLLARS)

Summary of attributable royalty revenue	Three months ended			Nine months ended		
	September 30, 2018	October 31, 2017	Variance	September 30, 2018	October 31, 2017	Variance
Revenue						
<b>Base metals</b>						
777 Mine	\$1,901	\$3,371	\$(1,470)	\$8,420	\$10,216	\$(1,796)
Chapada	\$4,659	\$4,915	\$(256)	\$13,050	\$11,369	\$1,681
Voisey's Bay	\$351	-	\$351	\$351	-	\$351
<b>Metallurgical Coal</b>						
Cheviot	\$934	\$505	\$429	\$2,368	\$1,840	\$528
<b>Thermal (Electrical) Coal</b>						
Genesee	\$1,448	\$1,666	\$(218)	\$4,751	\$4,988	\$(237)
Paintearth	\$148	\$89	\$59	\$372	\$371	\$1
Sheerness	\$780	\$1,848	\$(1,068)	\$4,224	\$4,885	\$(661)
Highvale	\$292	\$269	\$23	\$708	\$915	\$(207)
<b>Potash</b>						
Cory	\$131	\$52	\$79	\$421	\$317	\$104
Rocanville	\$2,943	\$1,155	\$1,788	\$6,936	\$3,328	\$3,608
Allan	\$220	\$102	\$118	\$510	\$207	\$303
Patience Lake	-	-	-	\$87	\$124	\$(37)
Esterhazy	\$849	\$355	\$494	\$2,249	\$1,008	\$1,241
Vanscoy	\$23	\$17	\$6	\$121	\$65	\$56
Lanigan	\$3	\$1	\$2	\$4	\$4	-
<b>Other</b>						
Iron ore <sup>(1)</sup>	\$1,923	\$2,992	\$(1,069)	\$3,814	\$5,237	\$(1,423)
Coal bed methane	\$98	\$175	\$(77)	\$419	\$832	\$(413)
Interest and investment	\$381	\$427	\$(46)	\$627	\$711	\$(84)
<b>Attributable royalty revenue</b>	<b>\$17,084</b>	<b>\$17,939</b>	<b>\$(855)</b>	<b>\$49,432</b>	<b>\$46,417</b>	<b>\$3,015</b>

See non-IFRS measures section of this MD&A for definition and reconciliation of attributable revenue

<sup>(1)</sup>LIF dividends received

Summary of attributable production and average prices	Three months ended				Nine months ended			
	September 30, 2018		October 31, 2017		September 30, 2018		October 31, 2017	
	Tonnes	Average price (1)	Tonnes	Average price (1)	Tonnes	Average price (1)	Tonnes	Average price (1)
Chapada copper (3)	568	US\$2.84/lb	599	US\$3.01/lb	1,540	US\$2.98/lb	1,441	US\$2.75/lb
777 copper (4)	2,899	US\$2.77/lb	3,133	US\$2.88/lb	8,743	US\$3.01/lb	11,210	US\$2.69/lb
777 zinc (4)	8,681	US\$1.15/lb	10,925	US\$1.38/lb	28,991	US\$1.37/lb	34,347	US\$1.32/lb
Potash (5,6, 8)	497,220	\$337/tonne	259,377	\$287/tonne	1,234,771	\$326/tonne	711,972	\$302/tonne
Metallurgical coal (7)	97,763	\$232/tonne	67,159	\$214/tonne	228,308	\$251/tonne	237,863	\$211/tonne
Thermal (electrical) coal (2,5)	643,768	N/A	795,325	N/A	2,188,350	N/A	2,841,838	N/A

Notes:

(1) Average prices are in CAD unless noted

(2) Inflationary indexed rates

(3) Copper stream; quantity represents actual physical copper received

(4) 4%NSR; production figures shown represent 100% of production subject to the royalty

(5) Various production royalties; quantities represent tonnes subject to the royalties at each respective mine (royalty tonnes only)

(6) Reflects updated potash pricing on retroactive adjustment from Mosaic pertaining to Esterhazy mine

(7) Represents portion of production at Teck's Cheivot mine subject to the royalty (50%)

(8) 2018 tonnes reflect 100% of volumes since March 23, 2018 acquisition of PRLP from Liberty, prior tonnes reported at 52.369%

### Chapada Copper Stream

Our stream on copper production from the Chapada Mine continued to benefit from improved production volumes and higher average prices, with revenue growth of approximately 15% relative to the comparable nine months in 2017 despite a current quarter decline of 5% relative to the comparative quarter in 2017, and growth of approximately 19% from the first quarter of 2018. On October 26, 2018, Yamana Gold Inc. announced that the Chapada mine was increasing 2018 full year copper production guidance to approximately 125 million pounds from 120 million pounds. Yamana also announced that it is continuing with various initiatives and studies designed to further increase production levels.

During the nine-month reporting period ended September 30, 2018 the Corporation adopted IFRS 15 Revenue from Contracts with Customers ("IFRS 15") and as a result has reassessed the point of control transfer relating to its Chapada Mine copper stream and has changed its revenue recognition policy. The comparative 2017 periods are reported under IAS 18 Revenue.

### 777 Copper-Zinc-Gold-Silver Royalty

Revenue from the 777 mine was down by 44% relative to the comparable quarter in 2017 and 15% on a year to date basis primarily as a result of lower production volumes. Earlier this year, HudBay commented that it now expects an extension to remaining mine life (to the end of 2021) based upon a revised mine plan and also stated that it continues to examine opportunities for further extensions.

### Voisey's Bay Nickel-Copper-Cobalt Royalty

As a result of the settlement with Vale, revenue from the Voisey's Bay royalty has recommenced. During the three months ended September 30, 2018 the Corporation has recorded revenues of \$351,000.

### Saskatchewan Potash Royalties

Revenue and volumes from our six producing potash mining operations in Saskatchewan were approximately 10% higher than those recorded in the second quarter. Royalty revenues were 148% higher with a slightly lower increase in volumes of 110% than the comparable period last year. This is reflective of a combination of the integration and consolidation of an approximately 85% increase in royalty ownership and also substantially increased production volumes and improved potash prices.

### Metallurgical Coal Royalty

The Corporation's royalty on Teck's Cheivot metallurgical coal mine is based upon both sales volumes and realized commodity prices, net of certain costs. Despite sales volumes being lower on a nine-month basis, revenues from this mine were up 29% relative to the year ago comparative period on higher realized average prices. Revenue has grown 85% while volumes have grown 45% from the comparable quarter in 2017.

### **Alberta Electrical Coal Royalties**

The Corporation receives tonnage-based royalties from four thermal coal mining operations that provide fuel to 15 individual electrical generating units in Alberta, Canada. Royalties are calculated based upon production tonnages multiplied by royalty rates that vary both by mine and, in some cases, production areas within individual mines. Royalty rates also adjust annually in accordance with Canadian GDP indices but do not fluctuate with spot thermal coal price changes. Royalties were lower by 31% relative to the year ago comparable three-month period and 19% lower than the prior quarter due to a scheduled shift in mining on to lower royalty rate areas, mainly at Sheerness.

On October 9, 2018 Westmoreland Coal Company (“Westmoreland”) announced it has entered into a restructuring support agreement with members of an ad hoc group of lenders and filed voluntary petitions for relief under chapter 11 of the Bankruptcy Code in the US Bankruptcy Court. Westmoreland’s Canadian entities (Westmoreland Canada) are excluded from these voluntary petitions, and their operations are currently unaffected by the U.S. actions.

Prairie Royalties Limited Partnerships (“Prairie Royalties LP”) holds certain royalties in which Westmoreland Canada is the operator, some of which are paid through Westmoreland Canada rather than being paid directly through the utility. While the Corporation has not experienced any collection issues with Westmoreland Canada to date and there are no past due payments, the Corporation is taking steps to further protect its interests and will continue to monitor the situation.

### **Iron Ore**

Altius holds approximately 5.46% of the issued and outstanding shares of Labrador Iron Ore Royalty Corporation (“LIORC”) following the purchase of 344,000 additional shares during the quarter. LIORC operates as a passive flow-through vehicle for proceeds from a 7% gross overriding royalty and 15.1% equity position in the Iron Ore Company of Canada (“IOC”) operations in Labrador, Canada. During the three-month period ended September 30, 2018 the Corporation received dividends of \$1,923,000 which was a decrease of 36% from the prior year comparable period, but an increase of 144% from the previous quarter in 2018. While the underlying IOC mine production volume was slightly lower in Q3 than in the prior year comparable period as production ramp up continued following a labour strike during Q2 of this year, prices for its premium products were up quite strongly. The largest factor causing the lower revenue was therefore an unusual election by LIORC to withhold a significant portion of the free cash flow that it generated during the quarter, which it has more typically paid out to shareholders as dividends.

## **Pre-Production Royalties & Junior Equities Portfolio Highlights**

Altius has a mineral exploration business (“Project Generation”) that specializes in the generation of exploration projects for vend-out to junior and senior mining companies or the spin-out of new public companies. The Project Generation team operates in high-quality mining jurisdictions around the world executing a disciplined program of low-cost project origination combined with further project advancement and marketing. The counter-cyclical, long-term mandate of this business is to provide low cost option value to shareholders in the form of newly created royalties and public equity interests. Altius holds significant equity and/or royalty interests in a variety of exploration through development stage companies that it manages as part of its Project Generation business. During the three months ended September 30, 2018 the Project Generation business recorded revenues of \$550,000 (October 31, 2017- \$108,000) relating to interest, third party agreements and management fees. This is not inclusive of the proceeds of any sales from the equity portfolio attributed to the Project Generation business.

### **Advanced Project Stage Investments**

#### **Alderon**

On September 26<sup>th</sup>, 2018 Alderon Iron Ore Corp. (TSX:IRON) announced the results of an updated Feasibility Study on its flagship Kami Iron Ore Project in Western Labrador, which confirmed the strong economics of the project based on its ability to produce a premium-quality iron ore concentrate with high iron content and ultra-low impurities. The Feasibility Study indicated a \$1.698 billion net present value (8% discount rate) and an IRR of 24.6%, with estimated initial capital costs of \$982.4 million. Based on the updated Feasibility Study, mine life is expected to be 23 years and the project is expected to deliver a four-year payback period. Altius is a significant shareholder of Alderon holding 52,526,206 or 37.98% shares and a 3% gross sales royalty (“GSR”) on the Kami project.

## **Allegiance**

On July 3, 2018 Allegiance Coal Limited (“Allegiance”) (ASX:AHQ) announced a target production rate of 750,000 saleable tonnes of metallurgical coal over a mine life of approximately 22 years during the first phase of its Telkwa metallurgical coal project.

On September 13, 2018 Allegiance announced a private placement raising A\$2.4 million with proceeds largely directed toward completion of a definitive feasibility study and permitting and filed a formal Project Description with the BC provincial regulator.

Altius owns 55,208,356 common shares, representing approximately 14% of the outstanding common shares of Allegiance and a sliding-scale gross sales royalty covering the project that ranges between 1.5% and 3% depending upon benchmark coal prices. The current agreement also entitles Altius to further share payments from Allegiance at various milestones in its planned development of the Telkwa project.

## **Excelsior**

On October 5, 2018 Excelsior Mining Corp. (“Excelsior”) (TSX:MIN) announced it had concluded a settlement agreement that will result in the dismissal of the final appeal filed with respect to the company’s Class III underground injection control (UIC) area permit for the Gunnison copper project. Excelsior later stated that with all key permits in place it will be in position to commence construction upon the completion of its project financing plan. Altius is a substantial Excelsior shareholder and holds a 1% GSR on the project and has an option to acquire a further 0.5% GSR for \$5 million.

## **Adventus**

Adventus Zinc Corporation (“Adventus”) (TSX:ADZN), in which Altius held 15,548,861 shares or a 22% share position at September 30, 2018, continued to deliver strong infill drilling results from the El Domo VMS deposit at its Curipamba copper-lead-zinc project in Ecuador as disclosed September 19, 2018 which it intends to incorporate into an updated resource estimate and PEA study in 2019. On July 17, 2018 Adventus also announced the closing of a \$9,200,000 financing with Wheaton Precious Metals Corp.

## **Blue Sky Renewable Energy Royalties**

As disclosed in the quarter ended March 31, 2018, Altius has decided to co-found a business segment that will be focused on acquiring royalty interests related to the fast-growing renewable energy sector. This has the potential to provide an offset to the declines expected from its electrical coal royalty portfolio over the coming decade. The Corporation continues to work closely with the management of Blue Sky who have identified several opportunities and have begun making acquisition proposals.

## **Lithium Royalty Corp.**

During the quarter ended September 30, 2018 the Corporation invested an additional \$2 million into Lithium Royalty Corporation (“LRC”) for a total investment to date of \$8.4 million. LRC is a private company, of which Altius owns approximately 10% and holds one board seat, that has been established to pursue lithium related royalty opportunities. As a founding investor and as consideration for providing ongoing technical support, the Corporation received the right to participate directly in LRC royalty acquisitions on a 10% basis. One such co-investment has been made thus far, the details of which will be disclosed once disclosed by LRC.

## **Exploration Stage Investments**

### **Evrin**

Evrin Resources Corp. (“Evrin”) (EVM:TSX-V), continues to advance the Cuale gold project in Mexico and on October 9, 2018 announced the commencement of an initial 3,000 meter drilling campaign. On August 28, 2018 Evrin also announced a \$7.3 million financing with Newmont Mining Corporation and on September 10, 2018 further announced conversion of its property interest in the Ermitaño project in Mexico to a 2% NSR royalty in exchange for a US\$1.5 million payment from First Majestic Silver Corp. Altius is a shareholder of Evrin holding 11,464,875 common shares or 13.6% of the company in addition to 2,000,000 warrants and it holds a 1.5% NSR royalty on precious metals and a 1.0% NSR royalty on base metals contained within the Cuale project.

### **Constantine**

Altius announced Constantine Metal Resources Ltd. (CEM:TSX-V), of which Altius holds 3,428,676 shares or 7.8%, provided an updated mineral resource estimate for the Palmer copper-zinc-gold-silver deposit located in Alaska on September 27, 2018, announcing an estimated inferred resource of 5.3 million tonnes grading 9.9% zinc equivalent.

### **Sokoman**

On July 24, 2018 Sokoman Iron Corp. (“Sokoman”) (TSX-V:SIC) announced drill results from the Moosehead gold project in Newfoundland that included 11.9 metres of 44.96 g/t gold from drill hole MH-18-01. Subsequent to this announcement Sokoman completed a \$3,000,000 financing to execute a drill program of up to 10,000 metres, which commenced in October. Altius owns 9,182,942 common shares of Sokoman plus 1,800,000 warrants and a 1.5% NSR royalty on the project.

### **Adia Resources Inc.**

On September 24, 2018 Altius announced its incorporation of a private company, Adia Resources Inc. (“Adia”), to accelerate the ongoing exploration, advancement and financing of its Lynx Diamond Project in Manitoba. Altius vended the project into Adia and retain a significant equity stake as well as a 2.5% GSR on the Lynx project. It also announced that De Beers Canada Inc. will become a shareholder of Adia by providing in-kind technical services to the ongoing exploration program. Adia is planning an initial drilling campaign during Q1 2019.

### **Canstar**

On August 14, 2018 Canstar Resources Inc. (“Canstar”) (TSX-V:ROX) and Adventus completed their Plan of Arrangement to consolidate the Buchans VMS camp in central Newfoundland and other prospective zinc projects in the Province. As part of the arrangement Altius vended its Daniel’s Harbour zinc project to Canstar for 2,419,024 common shares of Canstar in addition to the 1,215,000 flow-through shares that it previously directly acquired, for a combined holding of 3,669,024 common shares. In addition to its equity stake, Altius also holds 2% net smelter return (“NSR”) royalties on Canstar’s Buchans, Katie, La Poile, and Daniel’s Harbour projects. Canstar is planning its first drilling campaign to commence in January 2019.

### **Midland**

On August 16, 2018 Altius amended its strategic exploration alliance agreement with Midland Exploration Inc. (“Midland”) (TSX-V:MD) relating to exploration in the James Bay area of Quebec by exchanging its various 50% property interests for 461,487 Midland common shares and subscribing for an additional 198,386 Midland common shares. Altius was also granted a 1% NSR royalty on the alliance projects as part of the revised arrangement. The group continues to discover new base and precious metal prospects on the alliance properties with a goal of attracting joint venture partners.

### **New Found Gold**

Earlier in the year Altius finalized an agreement with New Found Gold Corp. (“NFG”), a private Newfoundland-focused precious metals explorer. As consideration for the sale of the Sail Pond Property to NFG, upon closing of the transaction Altius will receive 12 million common shares of NFG and retain a 2% NSR royalty over the Project. NFG is currently funding up to a \$250,000 exploration program at Sail Pond this season, consisting of geochemistry and geophysics as a prelude to drilling anticipated later in the fall. Further information regarding the agreement and project are available at: <http://altiusminerals.com/projects/sail-pond>.

Altius holds other mineral rights targeting base, precious metals and diamond exploration opportunities in Canada (Newfoundland & Labrador, Manitoba, Alberta, Saskatchewan), the United States (Michigan), Finland and Australia, for which it is seeking capable partners.

The technical information contained in this MD&A has been reviewed and approved by Lawrence Winter, Ph.D., P.Geo., Vice-President of Exploration, a Qualified Person as defined by National Instrument 43-101 - Standards of Disclosure for Mineral Projects.

Readers are encouraged to visit the corporate website at [www.altiusminerals.com](http://www.altiusminerals.com) to gain added insight into the exploration activities and projects of the Corporation.

## Outlook

During the nine months ended September 30, 2018 Altius has recognized \$49.4 million in attributable royalty revenue and continues to expect a range of \$64,000,000 to \$69,000,000 for the entire year. This assumes current commodity prices and incorporates information received from mine operators with regard to expected production volumes (where provided) and assumptions based upon historical production rates and other publicly available information.

## Results of Operations

(IN THOUSANDS OF CANADIAN DOLLARS)

Revenue	Three months ended			Nine months ended		
	September 30, 2018	October 31, 2017	Variance	September 30, 2018	October 31, 2017	Variance
Attributable royalty	\$17,084	\$17,939	\$(855)	\$49,282	\$46,417	\$2,865
Project generation	\$550	\$108	\$442	\$1,056	\$447	\$609
Attributable revenue*	\$17,634	\$18,047	\$(413)	\$50,338	\$46,864	\$3,474
Adjusted EBITDA	\$13,881	\$14,634	\$(753)	\$39,607	\$37,518	\$2,089
Net earnings	\$4,418	\$6,748	\$(2,330)	\$12,465	\$10,280	\$2,185
Adjusted operating cash flow *	\$7,355	\$13,379	\$(6,024)	\$24,945	\$28,501	\$(3,556)

\* See non-IFRS measures section for definition and reconciliation

Altius had attributable revenue (see non-IFRS measures) of \$17,634,000 for the three-month period ended September 30, 2018 compared to \$18,047,000 during the three-month period ended October 31, 2017 and \$16,757,000 in Q2 2018. The decrease from the three-month period ended October 31, 2017 reflects lower 777 production and lower base metal prices, lower thermal coal production, and lower iron ore royalty revenue. The increase in attributable revenue over second quarter 2018 is driven by higher potash and iron ore revenue from LIORC dividends which more than offset the declines in base metal and thermal coal revenue. In the current three-month period, adjusted EBITDA was impacted by positive changes to revenues and partially offset by costs and expenses discussed below.

The Corporation recorded net earnings per share to common shareholders of \$0.14 for the three months ended September 30, 2018 compared to \$0.16 for the three months ended October 31, 2017, and \$0.12 per share in Q2 2018. Included in pre-tax earnings in the quarter, non-cash items such as unrealized losses on the fair value adjustment of derivatives (the Champion Iron \$10 million convertible debenture and share purchase warrants) had a small negative impact while dilution gains and earnings from associates had a larger positive impact of approximately \$2.03 million during the quarter.

## Costs and Expenses

(IN THOUSANDS OF CANADIAN DOLLARS)

Costs and Expenses	Three months ended			Nine months ended		
	September 30, 2018	October 31, 2017	Variance	September 30, 2018	October 31, 2017	Variance
General and administrative	\$1,930	\$1,675	\$255	\$5,803	\$4,287	\$1,516
Cost of sales - copper stream	\$1,373	\$1,448	\$(75)	\$3,819	\$3,366	\$453
Share-based compensation	\$505	\$485	\$20	\$1,575	\$1,006	\$569
Generative exploration	\$10	\$146	\$(136)	\$119	\$404	\$(285)
Exploration and evaluation assets abandoned or impaired	\$576	\$190	\$386	\$589	\$2,581	\$(1,992)
Mineral rights and leases	\$110	\$75	\$35	\$485	\$299	\$186
Amortization and depletion	\$4,239	\$3,283	\$956	\$11,094	\$10,208	\$886
	\$8,743	\$7,302	\$1,441	\$23,484	\$22,151	\$1,333

General and administrative expenses for the three and nine months ended September 30, 2018 were higher than the quarter and nine months ended October 31, 2017. This is due to increased professional and consulting fees some of which relate to our recent potash acquisition and vending of exploration projects.

Amortization and depletion for the three and nine months ended September 30, 2018 is higher in comparison to the three and nine months ended October 31, 2017 consistent with production volumes. Variances on cost of sales relate to the Chapada copper stream and is proportionate with the increase in copper stream revenue over the same periods.

Exploration and evaluation assets abandoned or impaired in the three and nine months ended September 30, 2018 is higher than the prior year. Included in the nine months ended October 31, 2017 is an impairment of thermal coal exploration projects in Alberta of \$2,112,000.

(IN THOUSANDS OF CANADIAN DOLLARS)

	Three months ended			Nine months ended		
	September 30, 2018	October 31, 2017	Variance	September 30, 2018	October 31, 2017	Variance
Earnings from joint ventures	\$2,734	\$4,004	\$(1,270)	\$10,955	\$11,046	\$(91)
Gain on disposal of investments	-	\$1,531	\$(1,531)	\$92	\$2,281	\$(2,189)
Interest on long-term debt	\$(2,058)	\$(1,304)	\$(754)	\$(5,936)	\$(4,063)	\$(1,873)
Foreign exchange gain (loss)	\$(153)	\$(104)	\$(49)	\$(295)	\$76	\$(371)
Dilution gain on issuance of shares by associate	\$2,025	-	\$2,025	\$2,025	\$196	\$1,829
Share of gain (loss) in associates	\$316	\$(158)	\$474	\$(166)	\$(2,949)	\$2,783
Gain (loss) on derivative financial instruments	\$(56)	\$109	\$(165)	\$(342)	\$628	\$(970)
Income tax expense	\$1,473	\$2,202	\$(729)	\$4,397	\$4,188	\$209

Other factors which contributed to the change in the Corporation's earnings are:

- Earnings from the Prairie Royalties joint venture were lower for the current quarter than the comparable period. During the quarter (and Q2 2018), the Corporation did not report the potash royalties as earnings in joint ventures and instead reported the revenue and costs on a 100% basis within the statement of earnings.
- In addition, the Corporation has recorded legal and other costs of \$330,000 during the quarter and \$628,000 on a nine month basis (October 31, 2017 - \$43,000 and \$581,000) as its 10% share of the expenses incurred by LNRLP offsetting the \$351,000 in revenues reflecting a \$356,000 loss from LNRLP. During the nine months ended September 30, 2018, the results are reflective of higher revenues and is further explained in the *Operational and Business Overview* section above.

- Gain on disposal of investments was lower than the comparable period in the prior year for the current quarter and year to date due to the adoption of IFRS 9 on January 1, 2018 whereby gains and losses are recognized in other comprehensive earnings and no longer through profit and loss.
- Interest on long-term debt was higher for the current quarter compared to the comparable period in the prior year as a result of additional debt drawn down to finance the acquisition of the Liberty Potash Royalties as well as \$812,000 in costs pertaining to the previous credit facility which were expensed in Q2 2018 after the extinguishment of the debt.
- A share of earnings in associates was recorded during the quarter which decreased the overall share of loss in associates recorded year to date. The share of loss in associates was lower than the amounts recorded in the prior year period as the Corporation recorded its share of losses related to its equity accounted shareholdings in Alderon and Adventus based on their underlying burn rates. The Corporation recorded a dilution gain of \$2,025,000 for the quarter compared to \$nil in the comparable quarter. The current year's dilution gain was primarily the result of a private placement completed by Adventus where Adventus issued 10,266.925 common shares at \$0.90 per share and also issued 3,804,348 shares as part of an exploration alliance.
- An unrealized loss on the fair value of derivatives was recorded for the current quarter which included the revaluation of the Champion convertible debenture and share purchase warrants.
- The increase in income tax expense over the prior year is directly related to the increased earnings for the nine months ended September 30, 2018.

## Cash Flows, Liquidity and Capital Resources

(IN THOUSANDS OF CANADIAN DOLLARS)

Summary of Cash Flows	Nine months ended	
	September 30, 2018	October 31, 2017
Operating activities	\$9,200	\$11,425
Financing activities	\$39,275	\$32,360
Investing activities	\$(76,673)	\$(27,369)
Net (decrease) increase in cash and cash equivalents	\$(28,198)	\$16,416
Cash and cash equivalents, beginning of period	\$61,982	\$12,535
Cash and cash equivalents, end of period	\$33,784	\$28,951

### Operating Activities

Year-over-year increased royalty and stream revenue for the nine months ended September 30, 2018, as described in the Annual Operational and Business Overview section above, was partially offset by higher income taxes paid, based on timing of payments.

### Financing Activities

During the nine months ended September 30, 2018, the Corporation completed an additional draw-down of \$65 million on its existing term and revolver debt which was used to fund the Liberty Potash Royalties acquisition referred to in the Operational and Business Overview section above.

On June 29, 2018, the Corporation amended its existing credit facility to refinance its existing term and revolver debt. The current debt balance outstanding of \$125 million was transferred to a new term facility with a maturity date of June 2023 (five years). In addition, the Corporation gained access to a \$100 million revolving credit facility. The Corporation incurred costs on the amendment of its existing credit facility of

\$2,503,000. A total of \$136,183,000 (October 31, 2017 - \$10,677,000) was repaid on credit facilities in the nine months ended September 30, 2018.

A distribution on the Corporation's preferred securities of \$3,671,000 (October 31, 2017 - \$332,000) was also paid during the nine months ended September 30, 2018. The Corporation closed tranches of preferred securities in the nine months ended October 31, 2017 for net proceeds of \$49,177,000.

The Corporation declared and paid dividends of \$5,181,000 (October 31, 2017 - \$3,896,000) to its shareholders in the nine months ended September 30, 2018. It also repurchased and cancelled 218,500 (October 31, 2017 - 174,689) common shares for a total cost of \$2,723,000 (October 31, 2017 - \$1,912,000) under its normal course issuer bid in the nine months ended September 30, 2018, with 212,300 of the share repurchase and cancellation taking place in Q3 for a \$2.65 million use of cash.

## **Investing Activities**

The Corporation acquired an additional 44.935% ownership in PRLP from Liberty and as a result there was an acquisition of control in PRLP resulting in net cash consideration of \$63,437,000. Additional potash royalty interests of \$1,587,000 (October 31, 2017 - \$nil) were also acquired from third parties during the nine months ended September 30, 2018.

Joint venture based royalty cash flow decreased to \$15,745,000 in the current period from \$17,077,000 in the prior year due to the acquisition of control of PRLP and cash being reported on a consolidated basis.

The Corporation used \$26,046,000 (October 31, 2017 - \$40,530,000) in cash to acquire investments in the nine months ended September 30, 2018, of which \$5,075,000 was used to acquire an additional 18,797,454 common shares of Alderon from Liberty, approximately \$8.7 million to add to the LIORC position (October 31, 2017 - \$32 million), approximately \$8.4 million in Lithium Royalty Corp. or related co-investments, and approximately \$2.6 million collectively between Constantine Metals and Canstar Resources as cited in the project generation update announced July 10, 2018. On July 12, 2018, the Corporation participated in a US\$14 million Sprott Credit Facility by providing US\$2,000,000 (CAD\$2,625,000) to Alderon and received 687,290 common shares.

The Corporation invested \$10 million in an unsecured subordinated convertible debenture of Champion Iron Limited ("Champion") in the prior year, which is due December 31, 2018, unless the conversion is exercised.

The Corporation received \$2,599,000 (October 31, 2017 - \$8,459,000) in proceeds for the nine months ended September 30, 2018 from the sale of investments.

## **Liquidity**

At September 30, 2018 the Corporation had current assets of \$55,214,000, consisting of \$12,566,000 in a convertible debenture, \$33,784,000 in cash and cash equivalents and \$8,173,000 primarily in accounts receivable and prepaid expenses, with the remainder in income taxes receivable, and current liabilities of \$26,218,000 including the current portion of long-term debt obligations of \$20,000,000. The Corporation's major sources of funding are from royalty income and streaming revenue, cash receipts from royalty partnership interests, sales of direct and indirect exploration investments, and investment income. In addition, the Corporation partially funds exploration expenditures via third party agreements whereby exploration expenditures are cost-shared or funded by third parties in exchange for a partial ownership interest in the mineral rights to the properties. Subsequent to amending the credit facilities, the Corporation gained access to \$100,000,000 of additional liquidity on its revolving facility.

## **Commitments and Contractual Obligations**

The Corporation has obtained various mineral rights in Canada, Finland, Australia, the United States and Ireland by staking claims and paying refundable security deposits. On these lands, certain expenditures are required on an annual basis from the date of license issuance in order to maintain the licenses in good standing, and for security deposits. On or before the anniversary date of license issuance, and if the required

expenditures are not met, the Corporation has the option of reducing claims on a property, posting a refundable security bond for the deficient amount or electing to allow title of the license to be cancelled. The Corporation is required to spend an additional \$777,000 by June 30, 2019 in order to maintain its various licenses in good standing.

The following principal repayments for the New Credit Facilities are required over the next 5 years:

(IN THOUSANDS OF CANADIAN DOLLARS)

	Term	Revolver	Total
2019	\$20,000	-	\$20,000
2020	\$20,000	-	\$20,000
2021	\$20,000	-	\$20,000
2022	\$20,000	-	\$20,000
2023	\$40,000	-	\$40,000
	\$120,000	-	\$120,000

The Corporation has committed to pay, on the anniversary date of November 1, a limited royalty to McChip Resources Inc. of \$500,000 per year for 10 years based on a minimum production and grade threshold on the Rocanville mine. The 2018 payment was made subsequent to quarter end.

## Related Party Transactions

During the three months ended September 30, 2018 the Corporation billed a joint venture \$nil (October 31, 2017 - \$37,000) and an associate a net amount of \$10,200 (October 31, 2017 - \$47,000) for reimbursement of property, exploration, consulting, professional and general & administrative expenses. During the nine months ended September 30, 2018 the Corporation billed a joint venture \$114,000 (October 31, 2017 - \$39,000) and an associate a net amount of \$15,100 (October 31, 2017 - \$104,000) for reimbursement of property, exploration, consulting, professional and general administrative expenses.

Key management personnel include those persons having authority and responsibility for planning, directing and controlling the activities of the Corporation as a whole. The Corporation has determined that key management personnel consist of members of the Corporation's Board of Directors and corporate officers, including the Corporation's Executive Chairman, Chief Executive Officer and Chief Financial Officer, as well as two Vice Presidents reporting directly to a corporate officer.

During the three months ended September 30, 2018 the Corporation paid compensation to key management personnel and directors of \$445,000 (October 31, 2017 - \$366,000) related to salaries and benefits and incurred \$505,000 (October 31, 2017 - \$485,000) in share-based compensation costs. During the nine months ended September 30, 2018 the Corporation paid compensation to key management personnel and directors of \$2,256,000 (October 31, 2017 - \$2,187,000) related to salaries and benefits and incurred \$1,575,000 (October 31, 2017 - \$1,006,000) in share-based compensation costs. During the three months ended September 30, 2018, Restricted Share Units ("RSUs) were cash settled for \$593,000.

The Corporation's change in fiscal year end from April to December affected the timing of bonus payments which are included in the current year's compensation.

These related party transactions are in the normal course of operations and are measured at fair value, which is the amount of consideration established and agreed to by the related parties. It is management's estimation that these transactions were undertaken under the same terms and conditions as would apply to transactions with non-related parties.

## Summary of Quarterly Financial Information

The table below outlines selected financial information related to the Corporation's attributable revenue, adjusted EBITDA, net earnings (loss) and net earnings (loss) per share for the most recent eight quarters. The financial information is extracted from the Corporation's interim condensed and audited consolidated financial statements.

(IN THOUSANDS OF CANADIAN DOLLARS)

	September 30, 2018	June 30, 2018	March 31, 2018	December 31, 2017 <sup>(2)</sup>
Attributable revenue <sup>(1)</sup>	\$17,634	\$16,757	\$16,097	\$13,993
Adjusted EBITDA <sup>(1)</sup>	\$13,881	\$13,032	\$12,694	\$10,967
Net earnings attributable to equity holders	\$6,025	\$5,291	\$2,530	\$6,978
Net earnings per share - basic and diluted	\$0.14	\$0.12	\$0.06	\$0.16

  

	October 31, 2017	July 31, 2017	April 30, 2017	January 31, 2017
Attributable revenue <sup>(1)</sup>	\$18,047	\$15,363	\$13,453	\$14,535
Adjusted EBITDA <sup>(1)</sup>	\$14,634	\$12,624	\$10,260	\$11,262
Net earnings (loss) attributable to equity holders	\$6,748	\$4,495	\$(963)	\$(67,293)
Net earnings (loss) per share - basic and diluted	\$0.16	\$0.10	\$(0.02)	\$(1.55)

(1) Non-IFRS measures are reconciled and described in the Non-IFRS Measures section of this MD&A

(2) Condensed period (2 months) due to change in fiscal year

Earnings are derived primarily from attributable royalty revenue and investment income. Attributable royalty revenue is contingent on many factors including commodity prices, mine production levels, mine sequencing, maintenance schedules and the timing of concentrate shipments.

Net earnings are affected somewhat by revenue net of operating expenses but are affected primarily by the realization of both cash and non-cash gains or losses on the Corporation's investments and mineral exploration alliances and the equity accounting of some investments.

### Internal Control over Financial Reporting

Management is responsible for the establishment and maintenance of a system of internal control over financial reporting. This system has been designed to provide reasonable assurance that assets are safeguarded and that the financial reporting is accurate and reliable. The certifying officers have evaluated the effectiveness of the Corporation's internal control over financial reporting as of September 30, 2018 and have concluded that such controls are adequate and effective to ensure accurate and complete financial reporting in public filings. The condensed consolidated financial statements have been prepared by management in accordance with IFRS and in accordance with accounting policies set out in the notes to the condensed consolidated financial statements for the three-month period ended September 30, 2018. There has been no change in the Corporation's internal control over financial reporting during the Corporation's three-month period ended September 30, 2018 that has materially affected, or is reasonably likely to materially affect, the Corporation's internal control over financial reporting.

### Evaluation and Effectiveness of Disclosure Controls and Procedures

The Corporation has established and maintains disclosure controls and procedures over financial reporting. The certifying officers have evaluated the effectiveness of the issuer's disclosure controls and procedures as of September 30, 2018 and have concluded that such procedures are adequate and effective to ensure accurate and complete disclosures in public filings.

There are inherent limitations in all control systems and no disclosure controls and procedures can provide complete assurance that no future errors or fraud will occur. An economically feasible control system, no matter how well conceived or operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met.

## 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, the disclosure of contingent liabilities and the reported amounts of revenues and expenses during the reporting period. Areas requiring the use of management estimates include business combinations, rates for amortization and depletion of the royalty and streaming interests, deferred income taxes, the carrying value and assessment of impairment of mining and other investments, investments in joint ventures and royalty interests, the assumptions used in the determination of the fair value of share based compensation, the assessment of impairment of goodwill and the assumptions used in the determination of the fair value of derivatives for which there is no publicly traded market.

## New Accounting Policies

The Corporation adopted IFRS 9 Financial Instruments ("IFRS 9") and IFRS 15 effective January 1, 2018.

Upon adoption of IFRS 9, the Corporation's convertible debenture is entirely measured at fair value through profit or loss, with changes in carrying value recorded in opening retained earnings as at January 1, 2018.

The Corporation has applied the irrevocable option for each of our equity investments resulting in measurement of gains and losses in other comprehensive earnings. Under IFRS 9, investments measured at fair value through other comprehensive income ("FVOCI") are not subject to impairment and gains or losses will not be reclassified to earnings.

The Corporation has determined that the streaming revenue it receives is generated based on contracts with customers and as a result is in the scope of IFRS 15. The Corporation has reassessed the point of control transfer relating to its copper stream and as a result has changed its revenue recognition policy.

The impact of the adoption of IFRS 9 & 15 is as follows:

(IN THOUSANDS OF CANADIAN DOLLARS)

	IFRS 9		IFRS 15	Total
	Convertible Debenture	Investments	Copper Stream	
Accounts receivable	\$0	\$0	(\$2,198)	(\$2,198)
Champion debenture	\$448	\$0	\$0	\$448
Deferred tax asset/liability	(\$67)	\$0	\$420	\$353
Accounts payable	\$0	\$0	\$643	\$643
Accumulated other comprehensive income	\$0	\$1,888	\$0	\$1,888
Retained earnings	(\$381)	(\$1,888)	\$1,135	(\$1,134)

## Risk Factors and Key Success Factors

An investment in securities of the Corporation involves a significant degree of risk that should be considered prior to making an investment decision. In addition to discussions of key success factors and business issues elsewhere in this MD&A, the investor should consider risk factors. Please refer to the annual financial statements and MD&A for the eight months ended December 31, 2017 for a complete listing of risk factors specific to the Corporation. No additional risks have been identified in the current period.

## Financial Instrument Risk

The Corporation's financial assets and financial liabilities are exposed to various risk factors that may affect the fair value presentation or the amount ultimately received or paid on settlement of its assets and liabilities. The Corporation manages these risks through prudent investment and business decisions, and, where the exposure is deemed too high, the Corporation may enter into derivative contracts to reduce this exposure. The Corporation does not utilize derivative financial instruments for trading or speculative purposes. Hedge accounting is applied only when appropriate documentation and effectiveness criteria are met.

A summary of the major financial instrument risks and the Corporation's approach to the management of these risks are included in the annual financial statements and MD&A for December 31, 2017. There have been no changes to these factors during the current period.

### **Outstanding Share Data**

At November 7, 2018 the Corporation had 42,955,726 common shares outstanding, 7,070,000 warrants outstanding and 577,957 stock options outstanding.

### **Non-IFRS Measures**

Attributable royalty and other revenue ("attributable revenue"), adjusted EBITDA and adjusted operating cash flow are intended to provide additional information only and does not have any standardized meaning prescribed under IFRS and should not be considered in isolation or as a substitute for measures of performance prepared in accordance with IFRS. These measures are not necessarily indicative of operating profit or cash flow from operations as determined under IFRS. Other companies may calculate these measures differently. For a reconciliation of these measures to various IFRS measures, please see the Corporation's MD&A disclosure below. Tabular amounts are presented in thousands of Canadian dollars.

1. Attributable revenue is defined by the Corporation as total revenue and other income from the consolidated financial statements plus the Corporation's proportionate share of gross royalty revenue in the joint ventures. The Corporation's key decision makers use attributable royalty revenue and related attributable royalty expenses as a basis to evaluate the business performance. The attributable royalty revenue amounts, together with amortization of royalty interests, general and administrative costs and mining tax, are not reported gross in the consolidated statement of earnings (loss) since the royalty revenues are being generated in a joint venture and IFRS 11 Joint Arrangements requires net reporting as an equity pick up. The reconciliation to IFRS reports the elimination of the attributable revenues and reconciles to the revenues recognized in the consolidated statements of earnings (loss).
2. Adjusted operating cash flow is defined as cash provided (used) in operations adjusted for inclusion of the cash distributions received from joint ventures. Adjusted operating cash flow is a useful measure to assess the ability of the Corporation to generate cash from its operations.
3. Adjusted EBITDA is defined by the Corporation as net earnings (loss) before taxes, amortization, interest, non-recurring items, non-cash amounts such as impairments, losses and gains, and share based compensation. The Corporation also adjusts earnings in joint ventures to reflect EBITDA on those assets which exclude amortization of royalty interests as well as adjusting for any one time items. Adjusted EBITDA is a useful measure of the performance of our business, especially for demonstrating the impact that EBITDA in joint ventures have on the overall business. Adjusted EBITDA identifies the cash generated in a given period that will be available to fund the Corporation's future operations, growth opportunities, shareholder dividends and to service debt obligations.

Below are the eight most recent quarter reconciliations, with the exception of December 31, 2017 which due to the change in fiscal year end is a two-month period.

(IN THOUSANDS OF CANADIAN DOLLARS)

Reconciliation to IFRS measures Attributable revenue	September 30, 2018	June 30, 2018	March 31, 2018	December 31, 2017 <sup>(1)</sup>
Revenue				
Attributable royalty	\$17,084	\$16,543	\$15,805	\$13,710
Project generation	\$550	\$214	\$292	\$283
Attributable revenue	\$17,634	\$16,757	\$16,097	\$13,993
Adjust: joint venture revenue	\$(3,953)	\$(3,965)	\$(6,702)	\$(5,497)
IFRS revenue per consolidated financial statements	\$13,681	\$12,792	\$9,395	\$8,496

Reconciliation to IFRS measures Attributable revenue	October 31, 2017	July 31, 2017	April 30, 2017	January 31, 2017
Revenue				
Attributable royalty	\$17,939	\$15,100	\$13,378	\$14,481
Project generation	\$108	\$263	\$75	\$54
Attributable revenue	\$18,047	\$15,363	\$13,453	\$14,535
Adjust: joint venture revenue	\$(5,873)	\$(5,776)	\$(5,811)	\$(7,032)
IFRS revenue per consolidated financial statements	\$12,174	\$9,587	\$7,642	\$7,503

(1) Condensed two-month period due to change in year end

(IN THOUSANDS OF CANADIAN DOLLARS)

Adjusted operating cash flow	September 30, 2018	June 30, 2018	March 31, 2018	December 31, 2017 <sup>(1)</sup>
Adjusted operating cash flow	\$7,355	\$9,489	\$8,101	\$2,004
Adjust: distributions to (from) joint ventures	\$(3,966)	\$(4,744)	\$(7,035)	\$203
IFRS operating cash flows	\$3,389	\$4,745	\$1,066	\$2,207

Adjusted operating cash flow	October 31, 2017	July 31, 2017	April 30, 2017	January 31, 2017
Adjusted operating cash flow	\$13,379	\$8,158	\$6,965	\$11,179
Adjust: distributions from joint ventures	\$(5,727)	\$(5,484)	\$(5,866)	\$(6,193)
IFRS operating cash flows per the consolidated financial statements	\$7,652	\$2,674	\$1,099	\$4,986

(1) Condensed two-month period due to change in year end

(IN THOUSANDS OF CANADIAN DOLLARS)

Reconciliation to IFRS measures Adjusted EBITDA	September 30, 2018	June 30, 2018	March 31, 2018	December 31, 2017 <sup>(1)</sup>
Earnings before income taxes	\$7,746	\$6,647	\$4,324	\$8,963
Addback(deduct):				
Amortization and depletion	\$4,239	\$3,805	\$3,050	\$2,558
Exploration and evaluation assets abandoned or impaired	\$576	\$4	\$9	\$128
Share based compensation	\$505	\$774	\$296	\$233
Interest on long-term debt	\$2,058	\$2,634	\$1,244	\$765
Gain on disposal of investments & impairment recognition	-	-	\$(92)	\$(753)
Unrealized (gain) loss on fair value adjustment of derivatives	\$56	\$(1,897)	\$2,183	\$(3,235)
Dilution (gain) on issuance of shares by associates	\$(2,025)	-	-	-
Share of (earnings) loss and impairment in associates	\$(316)	\$150	\$332	\$351
Earnings from joint ventures	\$(2,734)	\$(3,006)	\$(5,215)	\$(6,323)
LNRLP EBITDA	\$22	\$(103)	\$(195)	\$(204)
Prairie Royalties EBITDA	\$3,601	\$3,964	\$6,676	\$5,427
Impairment of goodwill	-	-	-	\$3,157
Foreign currency gain (loss)	\$153	\$60	\$82	\$(100)
Adjusted EBITDA	\$13,881	\$13,032	\$12,694	\$10,967
<b>LNRLP EBITDA</b>				
Revenue	\$351	-	-	-
Mining taxes	\$(70)			
Admin charges	\$(259)	\$(103)	\$(195)	\$(204)
LNRLP Adjusted EBITDA	\$22	\$(103)	\$(195)	\$(204)
<b>Prairie Royalties EBITDA</b>				
Revenue	\$3,602	\$3,965	\$6,702	\$5,495
Operating expenses	\$(1)	\$(1)	\$(26)	\$(68)
Prairie Royalties Adjusted EBITDA	\$3,601	\$3,964	\$6,676	\$5,427

(1) Condensed two-month period due to change in year end

(IN THOUSANDS OF CANADIAN DOLLARS)

Reconciliation to IFRS measures Adjusted EBITDA	October 31, 2017	July 31, 2017	April 30, 2017	January 31, 2017
(Loss) earnings before income taxes	\$8,950	\$5,618	\$(100)	\$(65,969)
Addback(deduct):				
Amortization	\$3,283	\$4,003	\$2,922	\$3,169
Exploration and evaluation assets abandoned or impaired	\$190	\$279	\$2,112	\$2,000
Share based compensation	\$485	\$325	\$196	\$239
Interest on long-term debt	\$1,304	\$1,396	\$1,363	\$1,422
Gain on disposal of investments & impairment recognition	\$(1,531)	\$(193)	\$(557)	\$(232)
Unrealized (gain) loss on fair value adjustment of derivatives	\$(109)	\$(519)	-	-
Dilution (gain) on issuance of shares by associates	-	-	\$(196)	\$(566)
Share of loss and impairment in associates	\$158	\$685	\$2,106	\$95
(Earnings) loss from joint ventures	\$(4,004)	\$(3,625)	\$(3,417)	\$67,226
LNRLP EBITDA	\$(44)	\$(172)	\$(365)	-
Prairie Royalties EBITDA	\$5,848	\$5,553	\$5,650	\$6,852
Impairment of goodwill	-	-	-	-
Foreign currency loss	\$104	\$(726)	\$546	\$(317)
Gain on disposal of mineral property	-	-	-	\$(2,657)
Adjusted EBITDA	\$14,634	\$12,624	\$10,260	\$11,262
<b>LNRLP EBITDA</b>				
Revenue	-	-	-	-
Mining taxes	-	-	-	-
Admin charges	\$(44)	\$(172)	\$(365)	-
LNRLP Adjusted EBITDA	\$(44)	\$(172)	\$(365)	-
<b>Prairie Royalties EBITDA</b>				
Revenue	\$5,873	\$5,776	\$5,811	\$7,032
Operating expenses	\$(25)	\$(223)	\$(161)	\$(180)
Prairie Royalties Adjusted EBITDA	\$5,848	\$5,553	\$5,650	\$6,852

## Appendix 1 – Summary of Producing Royalties and Streaming Interests

Mine	Primary Commodity	Operator	Revenue Basis
Chapada	Copper	Yamana Gold	3.7% of payable copper stream
777	Zinc, Copper, Gold & Silver	Hudbay Minerals	4% Net smelter return ("NSR")
Genesee	Coal (Electricity)	Westmoreland/Capital Power Corporation	Tonnes x indexed multiplier
Sheerness	Coal (Electricity)	Westmoreland/ATCO/TransAlta	Tonnes x indexed multiplier
Paintearth	Coal (Electricity)	Westmoreland/ATCO	Tonnes x indexed multiplier
Highvale	Coal (Electricity)	TransAlta	Tonnes x indexed multiplier
Cheviot	Metallurgical Coal	Teck	2.5% effective net revenue
Rocanville	Potash	Potash Corp	Revenue
Cory	Potash	Potash Corp	Revenue
Allan	Potash	Potash Corp	Revenue
Patience Lake	Potash	Potash Corp	Revenue
Esterhazy	Potash	Mosaic	Revenue
Vanscoy	Potash	Agrium	Revenue
Voisey's Bay	Nickel, Copper, Cobalt	Vale	0.3% NSR
IOC	Iron	Iron Ore Company of Canada	7% Gross Overriding Royalty ("GOR")
Carbon Development	Potash, other	Various	Revenue

\* Held indirectly through common shares of Labrador Iron Ore Royalty Corporation

## Appendix 2 – Summary of Exploration and Pre-Development Stage Royalties

PRE-FEASIBILITY/FEASIBILITY				
Property	Primary Commodity	Explorer/Developer	Royalty Basis	Status
Gunnison (Arizona)	Copper	Excelsior Mining Corp	1.0% GRR; options to acquire additional 0.5% GSR	Financing Pending
Kami - iron ore (Western Labrador)	Iron	Alderon Iron Ore Corp	3% GSR	PEA Completed
Telkwa – CDP (British Columbia)	Met Coal	Telkwa Coal Limited (TCL)	1.5%-3% price based sliding scale GSR	Pre-feasibility
ADVANCED EXPLORATION				
Property	Primary Commodity	Explorer/Developer	Royalty Basis	Status
Viking - gold (Western Newfoundland)	Gold	Anaconda Mining Inc.	2% NSR, plus 1-1.5% royalties on surrounding lands	Advanced Exploration
Central Mineral Belt - uranium (Central Labrador)	Uranium	Paladin Energy Limited	2% GSR	Advanced Exploration; inactive
Pickett Mountain - VMS (Maine, USA)	Zinc, lead, copper, silver	Wolfden Resources Corp.	1.35% GSR	Advanced Exploration
EXPLORATION				
Property	Primary Commodity	Explorer/Developer	Royalty Basis	Status
Golden Shears (Nevada)	Gold	Renaissance Gold Inc	1.5% NSR	Early-stage exploration
Silicon (Nevada)	Gold	Renaissance Gold Inc	1.5% NSR	Early-stage exploration
Alvito (Portugal)	Copper	Avrupa Minerals Ltd (JV with OZ Exploration Ptv. Ltd.)	1.5% NSR	Early-stage exploration
Ely Springs/Jupiter (Nevada)	Gold	Renaissance Gold Inc	1.0% NSR	Early-stage exploration
Llano del Nogal (Mexico)	Copper	Evrin Resources Corp	1.5% NSR on PM; 1.0% NSR on BM	Early-stage exploration
Cuale (Mexico)	Copper	Evrin Resources Corp	1.5% NSR on PM; 1.0% NSR on BM	Early-stage exploration
Wallbridge Projects (Ontario)	Nickel	Wallbridge Mining Company Ltd	Option to acquire up to 2% NSR	Early-stage exploration

EXPLORATION

Property	Primary Commodity	Explorer or Developer	Royalty Basis	Status
Pine Bay (Manitoba)	Copper	Callinex Mines Ltd	Option to acquire 1% NSR	Early-stage exploration; active
Voyageur Lands (Michigan)	Nickel	N/A	2% NSR	Early-stage exploration; active
Loro en el Hombro, Morsas, and Culebra, Anaconda projects (Chile)	Copper	Revelo Resources Corp.	0.98% NSR on gold, 0.49% NSR on base metals	Early-stage exploration; active
Fox River (Manitoba)	Copper	Callinex Mines Ltd	Option to acquire 1% NSR	Early-stage exploration; inactive
Herblet Lake (Manitoba)	Copper	Callinex Mines Ltd	Option to acquire 1.25% NSR	Early-stage exploration; inactive
Island Lake (Manitoba)	Copper	Callinex Mines Ltd	Option to acquire 1% NSR	Early-stage exploration; inactive
Pine Lake (Manitoba)	Copper	Callinex Mines Ltd	Option to acquire 1% NSR	Early-stage exploration; inactive
Copper Range (Michigan)	Copper	N/A	Option to acquire 1% NSR held by a third party	Early-stage exploration; active
Storm Claim Group (Ontario)	Nickel	Northern Shield Resources Inc	Options to acquire 1% royalty on any one project in claim group	Early-stage exploration; inactive
Coles Creek (Manitoba)	Copper	Callinex Mines Ltd	Option to acquire 2.5% NSR	Early-Stage Exploration; inactive
Moak and Norris Lake (Manitoba)	Copper	Callinex Mines Ltd	Option to acquire 1% NSR	Early-stage exploration; inactive
Gurney Gold Claims (Manitoba)	Copper	Callinex Mines Ltd	Option to acquire 1% NSR	Early-stage exploration; inactive

EXPLORATION

Property	Primary Commodity	Explorer or Developer	Royalty Basis	Status
Wilding Lake (Newfoundland)	Gold	Antler Gold Inc.	0.5% NSR with option to purchase up to 1.0% for \$500,000	Exploration
Noel Paul (Newfoundland)	Gold	Antler Gold Inc.	0.5% NSR with option to purchase up to 1.0% for \$1,000,000	Exploration
Crystal Lake, Island K, Victoria Lake, Victoria River, Intersection, Cape Ray	Gold	Antler Gold Inc.	2.0% NSR	Exploration
Iron Horse (Western Labrador)	Iron	Sokoman Iron Corp	1% GSR; option to acquire additional 1.1% GSR	Exploration; inactive
Vidalita, Jotahues (Chile)	Gold	Emu NL	0.49% NSR	Exploration
Gibson (British Columbia)	Gold	Canex Metals Inc.	Option to acquire a 1.5% NSR	Exploration
Moria (Quebec)	Nickel	Midland Exploration Inc	1% NSR	Exploration
Shire (Quebec)	Zinc	Midland Exploration Inc	1% NSR	Exploration
Elrond, Gondor, Helms, Isengard, Minas (Quebec)	Gold	Midland Exploration Inc	1% NSR	Exploration
Moosehead (Newfoundland)	Gold	Sokoman Iron Corp.	2% NSR	Exploration
Arcas, Lia, Timon, Quiltro (Chile)	Copper	Aethon Copper	0.98% GRR	Exploration
Maricunga Projects (Chile)	Gold, Copper	Aethon Copper	0.98% GRR	Exploration
Sail Pond (Newfoundland)	Silver	New Found Gold Corp.	2% NSR	Exploration
Daniel's Harbour (Newfoundland)	Zinc	Canstar Resources Ltd.	2% NSR	Exploration

EXPLORATION

Property	Primary Commodity	Explorer or Developer	Royalty Basis	Status
Shrule, Kingscourt, Rathkeale, Lismore, Fermoy, Gaine River, Mayvore Projects (Republic of Ireland)	Zinc	Adventus Zinc Corporation	2% NSR on each Project	Exploration
West Cork (Republic of Ireland)	Copper	First Quantum	2% NSR	Exploration
Buchans (Newfoundland, Canada)	Zinc	Canstar Resources Inc.	2% NSR on each Project	Exploration
Stellar (Alaska)	Copper	PolarX Ltd.	2% NSR on gold; 1% NSR on base metals	Resource delineation
Sheerness West - CDP (Alberta)	Thermal Coal	Westmoreland Coal Compan	Tonnes x indexed multiplier	Exploration
Labrador West - iron ore (Western Labrador)	Iron	Rio Tinto Exploration Inc.	3% GSR	Exploration; inactive