



## **ERDENE RESOURCE DEVELOPMENT CORPORATION**

Condensed Interim Consolidated Financial Statements

For the three and six months ended June 30, 2016 and 2015

*(Canadian dollars)*  
*(Unaudited)*

Prepared by Management – See Notice to Reader

## **NOTICE TO READER**

---

Under National Instrument 51-102, Part 4, subsection 4.3 (3) (a), if an auditor has not performed a review of the condensed interim consolidated financial statements, they must be accompanied by a notice to this effect. These unaudited condensed interim consolidated financial statements have been prepared by management of the Corporation. Management have compiled the unaudited condensed interim consolidated statements of financial position of Erdene Resource Development Corporation as at June 30, 2016 and December 31, 2015 and the unaudited condensed interim consolidated statements comprehensive loss, changes in equity and cash flows for the three and six months ended June 30, 2016 and 2015. The Corporation's independent auditors have not audited, reviewed or otherwise attempted to verify the accuracy or completeness of the June 30, 2016 and 2015 condensed interim consolidated financial statements. Readers are cautioned that these statements may not be appropriate for their intended purposes.

# ERDENE RESOURCE DEVELOPMENT CORPORATION

## Condensed Interim Consolidated Statements of Financial Position

(Canadian dollars)

	Notes	June 30, 2016	December 31, 2015
<b>ASSETS</b>			
Current assets:			
Cash		\$ 2,046,814	\$ 675,790
Available-for-sale marketable securities		844,812	-
Receivables		51,346	55,664
Prepaid expenses		22,908	17,177
		<b>2,965,880</b>	<b>748,631</b>
Non-current assets:			
Exploration and evaluation assets	5	1,004,139	1,737,592
Property, plant and equipment		73,652	35,825
		<b>1,077,791</b>	<b>1,773,417</b>
<b>TOTAL ASSETS</b>		<b>\$ 4,043,671</b>	<b>\$ 2,522,048</b>
<b>LIABILITIES &amp; EQUITY</b>			
Current liabilities:			
Trade and other payables		\$ 236,261	\$ 188,083
Convertible debenture due Tian Poh Resources		-	252,207
		<b>236,261</b>	<b>440,290</b>
<b>TOTAL LIABILITIES</b>		<b>\$ 236,261</b>	<b>\$ 440,290</b>
<b>EQUITY</b>			
Shareholders' equity:			
Share capital	6	\$ 85,472,387	\$ 81,967,477
Contributed surplus		12,110,392	11,945,440
Accumulated other comprehensive income (loss)		(350,616)	(341,838)
Deficit		(93,424,753)	(91,489,321)
		<b>3,807,410</b>	<b>2,081,758</b>
<b>TOTAL LIABILITIES AND EQUITY</b>		<b>\$ 4,043,671</b>	<b>\$ 2,522,048</b>

Going concern (Note 2)

The accompanying notes are an integral part of these consolidated financial statements.

# ERDENE RESOURCE DEVELOPMENT CORPORATION

## Condensed Interim Consolidated Statements of Comprehensive Income (Loss)

(Canadian dollars)

		For the three months ended June 30,		For the six months ended June 30,	
	Notes	2016	2015	2016	2015
<b>Continuing Operations</b>					
Exploration expenses		1,385,029	280,368	1,664,403	400,285
Corporate and administration	7	699,149	235,143	932,140	396,336
Other (income) / expense		-	3,707	-	(59,345)
Foreign exchange (gain) / loss		3,858	(1,132)	4,541	2,807
Loss from operating activities		(2,088,036)	(518,086)	(2,601,084)	(740,083)
Finance income		41,534	1,223	42,624	1,541
Finance expense		-	(24)	-	(72)
Net finance income		41,534	1,199	42,624	1,469
Gain on sale of E&E asset	5	623,028	-	623,028	-
<b>Net loss</b>		<b>\$ (1,423,474)</b>	<b>\$ (516,887)</b>	<b>\$ (1,935,432)</b>	<b>\$ (738,614)</b>
Other comprehensive income / (loss):					
Unrealized gain on available-for-sale marketable securities, net of tax		107,189	-	107,189	-
Foreign currency translation difference arising from translation of foreign subsidiary		108,372	(124,319)	(115,967)	190,524
<b>Other comprehensive income / (loss)</b>		<b>\$ 215,561</b>	<b>\$ (124,319)</b>	<b>\$ (8,778)</b>	<b>\$ 190,524</b>
<b>Total comprehensive loss</b>		<b>\$ (1,207,913)</b>	<b>\$ (641,206)</b>	<b>\$ (1,944,210)</b>	<b>\$ (548,090)</b>
Basic and diluted loss per share		<b>\$ (0.01)</b>	<b>\$ (0.01)</b>	<b>\$ (0.02)</b>	<b>\$ (0.01)</b>
Basic and diluted weighted average number of shares outstanding		116,607,806	88,480,938	111,257,292	85,574,731

The accompanying notes are an integral part of these consolidated financial statements.

# ERDENE RESOURCE DEVELOPMENT CORPORATION

## Condensed interim Consolidated Statements of Changes in Equity

(Canadian dollars)

	Note	Number of shares	Share capital	Contributed surplus	Accumulated other comprehensive loss	Deficit	Total equity
<b>Balance at January 1, 2015</b>		82,636,233	\$ 79,290,034	\$ 11,487,249	\$ (1,295,742)	\$ (78,881,696)	\$ 10,599,845
<b>Total comprehensive loss for the period:</b>							
Net loss		-	-	-	-	(738,614)	(738,614)
Other comprehensive income		-	-	-	190,524	-	190,524
Private placements, net of share issue costs		13,569,715	1,663,584	-	-	-	1,663,584
Warrants issued under private placement		-	-	121,363	-	-	121,363
Warrants exercised		1,071,429	150,000	(42,857)	-	-	107,143
Share-based compensation		-	-	127,386	-	-	127,386
<b>Total transactions with owners</b>		<b>14,641,144</b>	<b>1,813,584</b>	<b>205,892</b>	<b>-</b>	<b>-</b>	<b>2,019,476</b>
<b>Balance at June 30, 2015</b>		<b>97,277,377</b>	<b>\$ 81,103,618</b>	<b>\$ 11,693,141</b>	<b>\$ (1,105,218)</b>	<b>\$ (79,620,310)</b>	<b>\$ 12,071,231</b>
<b>Balance at January 1, 2016</b>		<b>105,060,005</b>	<b>\$ 81,967,477</b>	<b>\$ 11,945,440</b>	<b>\$ (341,838)</b>	<b>\$ (91,489,321)</b>	<b>\$ 2,081,758</b>
<b>Total comprehensive loss for the period:</b>							
Net loss		-	-	-	-	(1,935,432)	(1,935,432)
Other comprehensive income		-	-	-	(8,778)	-	(8,778)
Private placements, net of share issue costs	6	6,063,830	1,478,359	-	-	-	1,478,359
Issue of shares to retire convertible debenture	6	1,801,475	246,781	-	-	-	246,781
Warrants exercised	6	7,910,682	1,735,420	(301,698)	-	-	1,433,722
Options exercised	6	205,000	44,350	(12,950)	-	-	31,400
Share-based compensation	6	-	-	479,600	-	-	479,600
<b>Total transactions with owners</b>		<b>15,980,987</b>	<b>\$ 3,504,910</b>	<b>\$ 164,952</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,669,862</b>
<b>Balance at June 30, 2016</b>		<b>121,040,992</b>	<b>\$ 85,472,387</b>	<b>\$ 12,110,392</b>	<b>\$ (350,616)</b>	<b>\$ (93,424,753)</b>	<b>\$ 3,807,410</b>

The accompanying notes are an integral part of these consolidated financial statements

# ERDENE RESOURCE DEVELOPMENT CORPORATION

## Condensed Interim Consolidated Statements of Cash Flows (Canadian dollars)

		For the six months ended June 30,	
	Notes	2016	2015
<b>Cash flows from operating activities:</b>			
Net loss		\$ (1,935,432)	\$ (221,729)
Items not involving cash:			
Depreciation and amortization		7,701	8,748
Share-based compensation		479,600	127,386
Gain on sale of exploration and evaluation asset	5	(623,028)	-
Gain on sale of marketable securities		(38,164)	-
Net finance income		(4,460)	(1,469)
Foreign exchange gain		4,323	3,432
Change in non-cash working capital		35,557	(103,084)
Cash flows from operating activities		(2,073,903)	(186,716)
<b>Cash flows from financing activities:</b>			
Issue of common shares for cash, net of issue costs		1,478,359	1,784,947
Proceeds on exercise of share purchase warrants		1,433,722	107,143
Proceeds on exercise of share purchase options		31,400	-
Proceeds from convertible debenture		-	252,207
Repayment of obligations under capital lease		-	(2,269)
Interest paid		-	(72)
Cash flows from financing activities		2,943,481	2,141,956
<b>Cash flows from investing activities:</b>			
Expenditures on exploration and evaluation assets		(252,022)	(380,180)
Expenditures on property, plant and equipment		(48,856)	-
Proceeds on the sale of marketable securities		800,541	-
Interest received		4,460	1,540
Cash flows from investing activities		504,123	(378,640)
Effect of exchange rate changes on cash and cash equivalents		(2,677)	(3,577)
Increase (decrease) in cash and cash equivalents		1,371,024	1,056,001
Cash and cash equivalents, beginning of period		675,790	136,824
Cash and cash equivalents, end of period		\$ 2,046,814	\$ 1,192,825

The accompanying notes are an integral part of these consolidated financial statements.

# ERDENE RESOURCE DEVELOPMENT CORPORATION

## Notes to Condensed Interim Consolidated Financial Statements (Canadian dollars)

For the three and six months ended June 30, 2016 and 2015

---

### 1. Nature of operations:

Erdene Resource Development Corporation (the "Corporation") is a corporation domiciled in Canada. The address of the Corporation's registered office is 1300-1969 Upper Water Street, Halifax, Nova Scotia, B3J 2V1. The principal business of the Corporation is the exploration and development of mineral deposits. The Corporation is primarily focused on the exploration of precious and base metal deposits in Mongolia.

### 2. Going concern:

These consolidated financial statements have been prepared on a going concern basis, which assumes the Corporation will continue in operation for the foreseeable future and will be able to realize its assets and discharge its liabilities and commitments in the normal course of business. In assessing whether the going concern assumption is appropriate, management takes into account all available information about the future, which is at least, but is not limited to, twelve months from the end of the reporting period. However, in making its assessment, management is aware of material uncertainties related to events or conditions that cast significant doubt upon the Corporation's ability to continue as a going concern, as described in the following paragraphs.

The Corporation is in the exploration stage and is subject to the risks and challenges similar to other companies in a comparable stage of exploration. These risks include, but are not limited to, dependence on key individuals, successful exploration results and the ability to secure adequate financing to meet the minimum capital required to successfully advance the projects and continue as a going concern.

The Corporation experienced significant losses and negative cash flows from operations for the interim period ended June 30, 2016 and for the years ended December 31, 2015 and 2014 and had a deficit of \$93,391,824 at June 30, 2016. The Corporation had working capital of \$2,729,619 at June 30, 2016, compared to \$308,371 at December 31, 2015, representing a \$2,421,248 increase. Working capital is sufficient to meet budgeted expenditures until the first quarter of 2017, depending on the extent of exploration work carried out on the Corporation's properties. The ability of the Corporation to continue as a going concern, realize its assets and discharge its liabilities in the normal course of business and continue with, or expand upon its exploration programs is contingent upon securing equity financing, entering joint venture agreements or monetizing assets. The timing and availability of additional financing will be determined largely by market conditions and the results of the Corporation's ongoing exploration programs. There is no certainty that the Corporation will be able to raise funds as they are required in the future.

These consolidated financial statements do not reflect the adjustments that would be necessary if the going concern assumption were not appropriate. If the going concern basis was not appropriate, then adjustments would be necessary to the carrying amounts of the assets, the reported revenues and expenses, and the statement of financial position classifications used.

# ERDENE RESOURCE DEVELOPMENT CORPORATION

## Notes to Condensed Interim Consolidated Financial Statements (Canadian dollars)

For the three and six months ended June 30, 2016 and 2015

### 3. Statement of compliance

These condensed interim consolidated financial statements have been prepared in accordance with International Financial Reporting Standards ("IFRS") applicable to the preparation of interim financial statements, including IAS 34, Interim Financial Reporting ("IAS 34"). They do not include all the disclosures that would otherwise be required in a complete set of financial statements and should be read in conjunction with the Corporation's 2015 annual consolidated financial statements which have been prepared in accordance with IFRS as issued by the International Accounting Standards Board ("IASB").

The condensed interim consolidated financial statements were authorized for issue by the Board of Directors on August 10, 2016.

### 4. New standards, amendments and interpretations effective for the first time from January 1, 2016

The policies applied in these condensed interim consolidated financial statements are consistent with the policies disclosed in Notes 3 and 4 of the consolidated financial statements for the year ended December 31, 2015, except has outlined below.

#### (a) Clarification of Acceptable Methods of Depreciation and Amortization (amendments to IAS 16)

The amendments made to IAS 16 explicitly state that revenue-based methods of depreciation cannot be used for property, plant and equipment. This is because such methods reflect factors other than the consumption of economic benefit embodied in the asset. These adopted amendments did not have a material impact to the financial statements.

#### (b) Disclosure Initiative: Amendments to IAS 1

On December 18, 2014 the IASB issued amendments to IAS 1 Presentation of Financial Statements as part of its major initiative to improve presentation and disclosure in financial reports (the "Disclosure Initiative"). These adopted amendments did not have a material impact to the financial statements.

### 5. Exploration and evaluation assets

	Zuun Mod Moly/Copper	Altan Nar Gold	Other	Total
Balance, January 1, 2015	\$ 10,614,014	\$ 16,387	\$ 45,609	\$ 10,676,010
Additions	132,699	764,770	4,179	901,648
Writeoffs	(420,478)	-	-	(420,478)
Impairments	(10,371,283)	-	-	(10,371,283)
Effect of movements in exchange rates	926,869	23,348	1,478	951,695
Balance, December 31, 2015	\$ 881,821	\$ 804,505	\$ 51,266	\$ 1,737,592
Balance, January 1, 2016	\$ 881,821	\$ 804,505	\$ 51,266	\$ 1,737,592
Additions	86,299	161,624	4,099	252,022
Proceeds from Sandstorm royalty	-	(876,972)	-	(876,972)
Effect of movements in exchange rates	(82,044)	(25,025)	(1,434)	(108,503)
Balance, June 30, 2016	\$ 886,076	\$ 64,132	\$ 53,931	\$ 1,004,139



# ERDENE RESOURCE DEVELOPMENT CORPORATION

## Notes to Condensed Interim Consolidated Financial Statements (Canadian dollars)

For the three and six months ended June 30, 2016 and 2015

---

### 5. Exploration and evaluation assets (continued)

The Corporation's mineral exploration and mining licenses in Mongolia are held by its subsidiaries, Erdene Mongol LLC, and Anian Resources LLC. Mineral exploration licenses are valid for a period of three years and, through renewals, can be extended to a maximum of twelve years, subject to minimum work requirements. Mining licenses are issued for an initial term of 30 years with two 20-year extensions possible. These rights are held in good standing through the payment of an annual license fee.

#### Zuun Mod/Khuvyn Khar

The Zuun Mod property contains a molybdenum-copper resource. The property is located in Bayankhongor Province southwest of Ulaanbaatar. One mining license was issued in 2011 (consisting of 6,041 hectares) and the second contiguous mining license was issued in the third quarter 2012 (consisting of 358 hectares). This second license was dropped in Q4 2015.

The Mining License is valid for an initial 30-year term with provision to renew the license for two additional 20-year terms.

#### Tsenkher Nomin and Khundii

The Corporation has two exploration licenses located in Bayankhongor province in Mongolia covering 9,183 hectares. The 4,669 hectare Tsenkher Nomin license includes the Altan Nar gold, silver, lead, zinc prospect and has a renewal in December. The 4,514 hectare Khundii license includes the Bayan Khundii gold prospect and has a renewal in April. Beginning in the first quarter of 2015, having received the initial resource estimate for the Altan Nar prospect, the Corporation began capitalizing exploration costs on the property in accordance with its capitalization policy. Prior to 2015, the Corporation only capitalized the license costs associated with Altan Nar.

#### Sandstorm Gold Ltd. Royalty Agreement

On April 21, 2016 the Corporation closed a transaction with Sandstorm Gold Ltd. ("Sandstorm") for total consideration of \$2,500,000. The transaction included the issuance of 5,000,000 shares of Erdene to sandstorm at \$0.20 per share for \$1,000,000 in cash consideration. Sandstorm has committed to hold the Erdene shares for a minimum of 18 months. In addition, Sandstorm issued common shares of Sandstorm to Erdene for total consideration of \$1,500,000, the price being based on the 10 day volume weighted average price as at April 14, 2016. In exchange, Sandstorm has been granted a 2% net smelter returns royalty ("NSR Royalty") on Erdene's Altan Nar and Bayan Khundii projects in Mongolia. Erdene has the 3-year option to buy-back 50% of the NSR Royalty for \$1.2 million, to reduce the NSR Royalty to 1.0%. Sandstorm has been given a right of first refusal on future stream and/or royalty financings related to Bayan Khundii and/or Altan Nar projects.

\$876,972 of the \$1.5 million in royalty consideration was credited against Altan Nar's balance of capitalized Exploration and Evaluation assets at the date of close of the transaction and the remaining \$623,028 recognized as a gain in the statement of loss for the period.

# ERDENE RESOURCE DEVELOPMENT CORPORATION

## Notes to Condensed Interim Consolidated Financial Statements (Canadian dollars)

For the three and six months ended June 30, 2016 and 2015

### 5. Exploration and evaluation assets (continued)

#### Teck Alliance

In April 2013, the Corporation entered into an agreement with Teck Resources Limited ("Teck"), to fund and explore the Corporation's mineral tenements in the Trans Altay region of southwest Mongolia. Teck has the option to acquire additional shares of the Corporation, at a 10% premium to the then market price, until it has invested at least \$3 million or has acquired 19.9% of the outstanding shares of the Corporation, whichever occurs first. Teck invested \$500,000 in each of 2016, 2015 and 2014, has invested a total of \$2.5 million and owned 10.48% at June 30, 2016. Teck must subscribe to a minimum \$500,000 on each anniversary of signing to maintain its option. Under the Teck Alliance, two licenses were staked in early 2015. Both are located in Govi-Altai province and total 1,552 hectares and both have June renewal dates. No major exploration work has been completed on these licenses to date.

### 6. Share Capital

In the six months ended June 30, 2016, the Corporation received gross proceeds of \$1,443,518 on the exercise of 7,910,682 warrants with an average exercise price of \$0.18.

In the six months ended June 30, 2016, the Corporation received \$31,400 on the exercise of 205,000 share purchase options at an average price of \$0.15.

In April 2016, the corporation closed a transaction with Sandstorm and issued 5 million shares at \$0.20 per share, for gross proceeds of \$1,000,000 (see note 5 for details of the agreement).

On May 17, 2016, the Corporation issued 1,801,475 shares to retire a \$252,207 debenture due to Tian Poh Resources Ltd.

On June 3, 2016, the Corporation closed a private placement financing with Teck by issuing 1,063,830 shares at \$0.47 per share for gross proceeds of \$500,000.

### 7. Corporate and administration

	Three months ended June 30		Six months ended June 30	
	2016	2015	2016	2015
Administrative services	\$ 110,551	\$ 39,268	\$ 190,554	\$ 70,228
Depreciation & amortization	1,989	2,767	4,149	6,176
Investor relations and marketing	106,037	12,614	120,741	20,052
Office and sundry	29,646	26,459	59,638	55,751
Professional fees	35,994	32,867	57,004	77,583
Regulatory compliance	103,817	38,483	163,286	80,226
Share-based compensation	280,077	77,137	296,225	77,137
Travel and accommodations	31,038	5,548	40,543	9,183
	\$ 699,149	\$ 235,143	\$ 932,140	\$ 396,336



# ERDENE RESOURCE DEVELOPMENT CORPORATION

## Management's Discussion and Analysis Quarter ended June 30, 2016

*This Management Discussion and Analysis ("MD&A"), dated August 10, 2016, relates to the operating results and financial condition of Erdene Resource Development Corporation ("Erdene" or the "Company" or the "Corporation") and should be read in conjunction with the Corporation's audited consolidated financial statements for the year ended December 31, 2015, unaudited condensed interim consolidated financial statements for the periods ended June 30, 2016 and 2015 and the notes thereto. The consolidated financial statements of the Corporation have been prepared in Canadian dollars in accordance with International Financial Reporting Standards ("IFRS").*

*This discussion includes certain statements that may be deemed "forward-looking statements". All statements in this discussion, other than statements of historical fact, that address reserve potential, exploration drilling, exploitation activities, budgeted financial results and events or developments that the Corporation expects, are forward-looking statements. Although the Corporation believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results or developments may differ materially from those in the forward-looking statements. Factors that could cause actual results to differ materially from those in forward-looking statements include market prices, exploration and evaluation results, continued availability of capital and financing and general economic, market or business conditions.*

*The risk factors identified above are not intended to represent a complete list of the factors which could affect the Corporation. Additional factors are noted under "Risk Factors" in the Corporation's Annual Information Form for the year ended December 31, 2015, a copy of which is available on the Corporation's SEDAR document page at [www.sedar.com](http://www.sedar.com).*

## 2016 Highlights

### Bayan Khundii Gold Project – 100% Erdene

In Q2-2015, the Corporation conducted an initial exploration program on the southern portion of the Company's 100%-owned Khundii license in southwest Mongolia. This reconnaissance work led to the discovery of the Bayan Khundii ('Rich Valley') gold prospect. Gold mineralization at Bayan Khundii has been identified in three separate prospect areas over a 1.7 km trend, with detailed exploration only taking place over a 500 m by 350 m zone in the southwest prospect area, where the Company's Q4-2015 drill program (totaling 695 m) and majority of the Q2-2016 follow-up drill program (3,883.5 m) were completed. The Q2-2016 drill program was designed to test the strike and vertical extent of the high-grade gold mineralization discovered in Q4-2015, and to test regional targets outside of what was currently known to be mineralized, testing geophysical targets under cover and to the northeast along trend. The following is a summary of the two drilling programs:

- Q4-2015 drilling consisted of 15 shallow holes (31-70 m; average 46 m) (true vertical depth: 22-51 m; average 34 m) all of which intersected gold bearing zones, including:
  - Hole BKD-01: 7 m of 27.5 g/t gold, from 14 to 21 m depth (including 1 m of 187 g/t gold)

- Hole BKD-09: 26.4 m of 5.9 g/t gold, from 33 to 59.4 m depth (including 15 m of 9.9 g/t gold and 2 m of 49 g/t gold)
- Hole BKD-10: 35 m of 5.7 g/t gold, from surface to 35 m depth (including 12 m of 16.2 g/t gold and 1 m of 167 g/t gold)

(Note: Hole BKD-09 is located 30 m south-southwest from BKD-01 and 63 m west of hole BKD-10, indicating continuity down-dip and along strike)

- Q2-2016 drilling consisted of 30 holes (50-231 m; average 129 m) (true vertical depth: 35-163 m; average 97 m), 29 of which intersected gold bearing zones, including:
  - Hole BKD-17: 63 m of 5.31 g/t gold, from 50 to 113 m depth (including 15 m of 11.5 g/t gold and 13 m of 11.3 g/t gold) (located 35 m down-dip from BKD-09, establishing continuity of high-grade gold over greater than 90 m down-dip)
  - Hole BKD-19: 1 m of 26.3 g/t gold, from 182 to 183 m depth (the deepest high-grade zone discovered to date)
  - Hole BKD-21: 13 m of 2.08 g/t gold, from 40 to 53 m depth and 14 m of 1.96 g/t gold, from 71 to 85 m depth (end of hole)
  - Hole BKD-22: 27 m of 1.88 g/t gold, from 54 to 81 m depth (including 8 m of 5.70 g/t gold)
  - Hole BKD-28: 70 m of 1.10 g/t gold, from 50 to 120 m depth (end of hole)
  - Hole BKD-34: 66 m of 1.01 g/t gold, from 76 to 142 m depth, located 40 m south (down dip) from hole BKD-28; zone remains open at depth
  - Hole BKD-40: 2 m of 15.3 g/t gold, from 124 to 126 m depth (hole located 180 m west of Striker Zone, under younger, post-mineralization cover)
  - Hole BKD-44: 8.3 m of 14.2 g/t gold, from 0.7 to 9 m depth

*\* Reported intervals are not true width. They represent drill intersection widths from holes drilled at a 45 to 60 degree angle. The Bayan Khundii mineralization is interpreted to be moderately dipping (approximately 40 to 50 degrees) perpendicular to the drill hole angle.*

- Visible gold was observed in multiple holes within quartz and/or hematite veins as fine, irregular shaped grains and also as high-grade disseminations and fracture fillings.
- Gold mineralization was confirmed in multiple structures, orientated perpendicular to a 550 m long, silicified and sericitized alteration zone that remains open at depth and along strike.

Geophysical surveys have established many targets within the Bayan Khundii project area (2 km by 2 km) and also outlined significant anomalies with similar geophysical signatures to the north and east under unaltered andesite, and to the south under Cretaceous sedimentary lithologies.

In February 2016, the Corporation concluded preliminary metallurgical test work conducted by Blue Coast Research Ltd. on two drill-core composites (high and low grade). The following are the main findings from the metallurgical testing:

- Gold from Bayan Khundii is free milling and amenable to conventional processing techniques.
- Gravity concentration and cyanidation of the gravity tails yielded very good overall gold recoveries for both high-grade and low-grade composites:
  - 99% recovery of gold from high-grade (24.9 g/t Au) composite using gravity plus cyanide leach methods

- 92% recovery of gold from low-grade (0.7 g/t Au) composite using gravity plus cyanide leach methods

### **Altan Nar Gold-Polymetallic Project – 100% Erdene**

Discovered in 2011, the Corporation's Altan Nar gold-polymetallic project (20 km northwest of the Bayan Khundii project) hosts a total of 18 mineralized (gold, silver, lead and zinc) target areas within a 5.6 km by 1.5 km mineralized corridor. Two of the early discoveries, Discovery Zone ("DZ") and Union North ("UN"), are the most advanced targets, hosting wide zones of high-grade, near-surface mineralization, and were the focus of an initial National Instrument 43-101 resource estimate released in Q1-2015. The remaining 16 targets are either undrilled or scout-drilled and are considered by the Corporation to have good potential for hosting additional resources. The 2016 exploration programs at Altan Nar may be influenced by results from the Corporation's Bayan Khundii project, in that certain synergies could exist in various areas of the project that assist in prioritizing what programs will be completed at Altan Nar. In 2016, various technical studies in support of a mining license application at Altan Nar, including hydro-geological, archaeological, paleontological, and environmental base line studies, have commenced. Results of the Corporation's 2015 exploration programs at Altan Nar are summarized in the Project Summaries section below.

### **Teck Alliance**

The Alliance with Teck Resources Limited ("Teck") was entered into in April 2013, and was formed by the signing of option and private placement agreements to fund and carry out mineral exploration in the Trans Altai region of southwest Mongolia (see Project Summaries section). To date, Teck has invested \$2.5 million and owns approximately 10.48% of the Corporation. A multi-year program of regional exploration, designed to identify porphyry and porphyry-related mineralization, has been underway since inception. The program has provided the Alliance with a significant amount of technical information that continues to be evaluated. During the 2015 program the Alliance was able to secure new exploration licenses within the targeted area and is now reviewing the potential for future acquisitions within the Mongolia licensing system. The 2016 exploration program consists of surface geochemical sampling, geological mapping and prospecting, and analysis of newly acquired satellite data.

### **Financing and Corporate**

- During 2016, the Corporation received gross proceeds of \$1.47 million on the exercise of 8.1 million warrants and options at an average of \$0.18 per share.
- On April 21, 2016, the Corporation closed a transaction with Sandstorm Gold Ltd. ("Sandstorm") and received total consideration of \$2.5 million (see below for full details of the transaction).
- On May 17, 2016, the Corporation issued 1,801,475 shares to Tian Poh Resources Limited and discharged the convertible debenture of \$252,207.
- On June 3, 2016, the Corporation closed a private placement with Teck for \$500,000 and issued 1,063,830 shares at \$0.47 per share.

## **Company Overview and Strategy**

Erdene is a mineral resource exploration and development corporation listed on the Toronto Stock Exchange (TSX:ERD) and focused on base and precious metals exploration in Mongolia. The Corporation's projects include the Bayan Khundii Gold project, the Altan Nar Gold-Polymetallic project, the Zuun Mod/Khuvyn Khar Molybdenum-Copper project, as well as other early stage prospects. The

Corporation is primarily focused on the development of the Bayan Khundii Gold project and the Altan Nar Gold-Polymetallic project.

Discovered by the Corporation in Q2-2015, with initial drill results reported in Q4-2015, the Corporation's 100% owned Bayan Khundii ('Rich Valley') gold project has rapidly become the highest priority project for the Corporation based on its high grades (up to 12 m of 16 g/t gold), proximity to surface, favorable metallurgy (99% gold recovery from high-grade composite using gravity and leach), and size potential (1.7 km trend). The Corporation has completed 4,579 m of diamond drilling at Bayan Khundii to date, comprised of 45 holes (average true vertical depth of 76 metres). Drilling to date has confirmed continuity of the high-grade Striker Zone, identified broad zones of gold mineralization at depth and under post mineralization cover, and identified high priority targets through reconnaissance drilling and trenching. The high-grade gold zones within the Striker Zone can be very wide, grading in excess of 5 g/t gold (up to 187 g/t) and greater than 50 m in width.

In Q3-2016 the Corporation will complete various studies to examine the characteristics and controls of mineralization and alteration at Bayan Khundii, in advance of a third round of drilling in mid to late Q3-2016.

The 100% owned Altan Nar property hosts a total of 18 mineralized (gold, silver, lead and zinc) target areas that have been identified within a 5.6 by 1.5 km mineralized corridor. Two of the early discoveries, Discovery Zone ("DZ") and Union North ("UN"), are the most advanced targets, hosting wide zones of high-grade, near-surface mineralization, and were the focus of an initial NI 43-101 mineral resource estimate released by the Corporation in Q1 2015, as well as detailed metallurgical processing test-work, infill drilling and trenching completed in Q3 2015. The remaining 16 targets are either undrilled or scout-drilled and are considered by the Corporation to have good potential for hosting additional resources.

Various technical studies in support of future scoping/feasibility-level studies and a mining license application, including hydro-geological, archaeological, paleontological, and environmental base line studies, have commenced on both Bayan Khundii and Altan Nar.

The Corporation, through its alliance with Teck Resources Limited, will also continue to assess regional opportunities for porphyry and porphyry-related mineralization, and will continue to attempt to acquire new licences in the Alliance's area of interest in southwest Mongolia. The 2016 exploration program will consist of surface geochemical sampling, geological mapping and prospecting, and analysis of newly acquired satellite data.

## **Sandstorm Gold Ltd. Royalty Agreement**

On April 21, 2016, the Corporation closed a transaction with Sandstorm Gold Ltd. ("Sandstorm") and received total consideration of \$2.5 million. The Transaction included the issuance of equity of Erdene and Sandstorm, and royalty components that resulted in total cash and securities consideration of \$2.5 million to Erdene. The Transaction included the purchase by Sandstorm, by way of private placement, of five million common shares of Erdene at \$0.20 per share. Sandstorm has committed to hold the Erdene shares issued under the private placement for a minimum of 18 months. In addition, Sandstorm has issued common shares of Sandstorm to Erdene for total consideration of \$1.5 million, the price being based on the 10-day volume weighted average price of Sandstorm common shares as at April 14, 2016. In exchange, Sandstorm was granted a 2% net smelter returns royalty ("NSR Royalty") on Erdene's two flagship gold projects in southwest Mongolia; the Bayan Khundii gold project and Altan Nar gold-polymetallic project. The Transaction provides Erdene with a 3-year option to buy-back 50% of the NSR Royalty for \$1.2 million, to reduce the Sandstorm NSR Royalty to 1.0%. Erdene has granted to

Sandstorm a right of first refusal on future stream and/or royalty financings related to the Bayan Khundii and/or Altan Nar projects.

\$876,972 of the \$1.5 million in royalty consideration was credited against Altan Nar's capitalized Exploration and Evaluation assets at the date of close of the transaction and the remaining \$623,028 recognized as a gain in the statement of loss for the period.

## **Alliance with Teck Resources Limited**

In April 2013, an alliance was formed by the signing of option and private placement agreements (collectively, "Agreement") with Teck Resources Limited ("Teck") to fund and explore the Corporation's mineral tenements in the Trans Altai region of southwest Mongolia. Under the terms of the Agreement, Teck agreed to subscribe for up to \$3 million of Erdene shares by way of a non-brokered private placement. The initial tranche, which closed on April 22, 2013, resulted in the issuance of five million shares priced at \$0.20 per share for aggregate proceeds of \$1 million. Eighty five percent of the proceeds from the private placement are committed to exploration work.

On November 7, 2013, Teck purchased an additional 2,142,857 shares at \$0.07, for cash consideration of \$150,000 and on April 21, 2014, Teck purchased 2,000,000 shares at \$0.175 for cash consideration of \$350,000.

On April 24, 2015, the Corporation closed a private placement with Teck for \$392,857 at \$0.139 per share and received \$107,143 on the exercise of \$0.10 warrants.

On April 22, 2016, the Corporation agreed to extend the optional subscription date for 2016 by 60 days to June 23, 2016. On June 3, 2016, the Corporation closed a private placement with Teck purchasing 1,063,830 shares at \$0.47 per share for cash consideration of \$500,000.

Teck has the option to acquire additional shares of Erdene, until it has invested \$3 million or acquired through subscriptions 19.9% of the outstanding shares of Erdene, whichever occurs first. A minimum of \$500,000 is to be subscribed on each anniversary date of the closing of the initial tranche. To date, Teck has invested \$2.5 million and owns approximately 10.48% of the Corporation.

## **Project Summaries**

The Corporation's Bayan Khundii Gold Project and Altan Nar Gold-Polymetallic Project are located in the Tian Shan Gold Belt, part of the Central Asian Orogeny and host to some of the world's largest gold deposits. Although epithermal gold and porphyry copper± gold deposits are well documented across the border in China and along the westward trend, limited exploration has taken place in southwest Mongolia due to its isolation, both geographically and politically, until the mid-1990's. Exploration since that time in southeast Mongolia has resulted in the discovery of the world-class Oyu Tolgoi gold-copper deposit containing over 60 million ounces of gold. However, systematic regional exploration in the southwest part of Mongolia has been largely absent with the exception of the work undertaken by Erdene over the past six years which has resulted in the discovery of multiple gold and copper occurrences including the discoveries at Bayan Khundii and Altan Nar.

The following is a summary of the exploration programs carried out on the Corporation's properties.

### **Bayan Khundii Gold Project**

The Bayan Khundii ("Rich Valley") Gold project is located on Erdene's Khundii exploration license in southwest Mongolia, 19 km south of the Company's Altan Nar gold-polymetallic project. The license is in

its seventh year of a maximum 12-year term. The license can be converted to a mining license at any time prior to the end of the twelfth year by meeting the requirements prescribed under the Minerals Law of Mongolia. The 4,515 hectare Khundii exploration license is 100% owned by Erdene.

Bayan Khundii was discovered in Q2-2015 when gold-bearing quartz veins were first sampled at what are now known as the Striker Zone and Gold Hill. Initial assays returned highly anomalous values, with rock chip/grab samples commonly returning values in excess of 3.0 g/t gold (up to 4,380 g/t gold) from exposed veins over a 500 m by 350 m area. Subsequently, gold mineralization has been identified in three separate prospect areas over a 1.7 km trend. The initial sampling results were followed by a Q3-Q4 2015 exploration program that included geological mapping, prospecting and rock chip sampling, trenching, detailed ground magnetics, IP gradient array and dipole-dipole surveys, and a 15-hole (695 m) maiden drilling program. Subsequently, the Corporation commenced a follow-up exploration program at Bayan Khundii in Q2-2016 that included 3,883.50 m of diamond drilling, 1,088 soil samples (25 and 100-200 spacing), 35 line km of IP gradient array geophysical surveys, 20 line km of IP dipole-dipole geophysical surveys, 550 m of trenching and sampling within a 2 km by 2 km area, mineralogical studies, and detailed geologic mapping. The program was designed to test the strike and vertical extent of the high-grade gold mineralization discovered in Q4-2015, and to test regional targets outside of what is currently known to be mineralized, testing geophysical targets under cover and to the northeast along trend.

Following a period of review and interpretation the Corporation is planning to return to drilling in Q3-2016.

Gold mineralization at Bayan Khundii is associated with comb-textured quartz veins, quartz breccias, and hematite veinlets, breccias and fracture fillings that are hosted by an intensely altered (silicified and sericitized) sequence of volcanic and volcanoclastic rocks. With the exception of very minor finely disseminated pyrite in a few drill holes, Bayan Khundii is mostly devoid of sulphide minerals, including copper, lead and zinc-bearing sulphide minerals. Visible gold has been noted in association with comb- and mottled-textured quartz veins, chalcedony veins, and as fine disseminations and along joint surfaces, as fine disseminations in quartz breccias, and in hematite veins and veinlets which are interpreted as hypogene in origin.

#### Drilling Programs

##### Q4-2015

The maiden drill program commenced on November 8, 2015 and consisted of 15 angled (45 to 60 degrees) large diameter diamond drill holes ('PQ' size core; 85mm), totaling 695 metres. Drill hole depth ranged from 31 m to 70 m (average 46 m) with maximum vertical depth tested of 51 m. All holes intersected gold-bearing zones. The program only tested the initial discovery area (Southwest Zone). The following is a summary of results:

- Hole BKD-01: 7 m of 27.5 g/t gold, from 14 to 21 m depth (including 1 m of 187 g/t gold)
- Hole BKD-09: 26.4 m of 5.9 g/t gold, from 33 to 59.4 m depth (including 15 m of 9.9 g/t gold and 2 m of 49 g/t gold)
- Hole BKD-10: 35 m of 5.7 g/t gold, from surface to 35 m depth (including 12 m of 16.2 g/t gold and 1 m of 167 g/t gold)

(Note: Hole BKD-09 is located 30 m south-southwest from BKD-01 and 63 m west of hole BKD-10, indicating continuity down-dip and along strike)



## Q2-2016

The Corporation commenced a second round of drilling at Bayan Khundii on April 8, 2016, consisting of 30 holes (45 to 90 degrees), totaling 3,883.5 metres. Drill hole depth ranged from 50 m to 132 m (average 129 m) with a maximum vertical depth tested of 163 m. A total of 29 of the 30 holes intersected gold-bearing zones. The program was designed to test the strike and vertical extent of the high-grade gold mineralization discovered in Q4-2015 in the Southwest Zone, and to test regional targets outside of what is currently known to be mineralized, testing geophysical targets under cover and to the northeast along trend. The following is a summary of results:

- Hole BKD-17: 63 m of 5.31 g/t gold, from 50 to 113 m depth (including 15 m of 11.5 g/t gold and 13 m of 11.3 g/t gold) (located 35 m down-dip from BKD-09, establishing continuity of high-grade gold over greater than 90 m down-dip)
- Hole BKD-19: 1 m of 26.3 g/t gold, from 182 to 183 m depth (the deepest high-grade zone discovered to date)
- Hole BKD-21: 13 m of 2.08 g/t gold, from 40 to 53 m depth and 14 m of 1.96 g/t gold, from 71 to 85 m depth (end of hole)
- Hole BKD-22: 27 m of 1.88 g/t gold, from 54 to 81 m depth (including 8 m of 5.70 g/t gold)
- Hole BKD-28: 70 m of 1.10 g/t gold, from 50 to 120 m depth (end of hole)
- Hole BKD-34: 66 m of 1.01 g/t gold, from 76 to 142 m depth, located 40 m south (down dip) from hole BKD-28; zone remains open at depth
- Hole BKD-40: 2 m of 15.3 g/t gold, from 124 to 126 m depth (hole located 180 m west of Striker Zone, under younger, post-mineralization cover)
- Hole BKD-44: 8.3 m of 14.2 g/t gold, from 0.7 to 9 m depth

The reported drill intervals above are not true width. They represent drill intersection widths from holes drilled at a 45 to 60 degree angle. The Bayan Khundii mineralization is interpreted to be moderately dipping (approximately 40 to 50 degrees) perpendicular to the drill hole angle.

## Geology

Bayan Khundii is a low sulfidation epithermal gold system with all of the primary lithologies (volcanic tuff and andesite) pervasively altered by multi-stage, locally intense, silica and sericite alteration. Gold mineralization at Bayan Khundii is associated with quartz veins, quartz breccias, within hematite-specularite veins and fractures, within altered host rocks including along margins (alteration selvages) of quartz veins and disseminated within the altered host rocks, often, but not always, associated with disseminated hematite-specularite mineralization. Gold grades within the host rocks, excluding the greater than 1 g/t material, average 0.1 to 0.2 g/t gold. The recent drilling supports much wider zones of gold mineralization than previously recognized, ranging from previously untested gold mineralization north of the Striker zone with 83 m of 0.59 g/t gold in hole BKD-16, to the high grade intersection in hole BKD-17. Gold mineralization is generally observed to be fine grained. The locally intense silica-sericite alteration overprints the pervasive silica sericite alteration and commonly forms selvages (halos) around quartz veins, fractures, and hematite/specularite veinlets, as well as selvages surrounding disseminated hematite and other inclusions. Extensive hypogene hematite and specularite mineralization occurs as veinlets, mineralized fractures, locally disseminated, and infilling of breccia zones, including common hematite-quartz breccias. Quartz veins and breccias occur within all altered lithologies and include comb textured quartz, saccharoidal (sugary) quartz, recrystallized quartz (intensely silica altered) as well as chalcedonic quartz.

## Rock Chip Sampling

Within the Southwest Zone, rock chip, grab and channel samples were collected, principally from quartz veins within multiple mineralized areas across the prospect, a 550 m by 300 m area. The majority returned highly anomalous values, and over 20% of the samples returning values in excess of 3.0 g/t gold (up to 4,380 g/t gold). The Northeast prospect, located 700 m to the northeast of the Southwest Zone, contains an alteration area measuring 300 m by 300 m, and returned numerous anomalous gold assays (>200 ppb) from mineralized rock chip samples with up to 4 g/t gold. In addition, two rock chip samples collected a further 500 m to the northeast (NE Extension prospect) returned gold assay values of 7.0 g/t and 0.4 g/t gold.

## Geophysics

In Q2-2016, the Corporation initiated an extensive geophysical program consisting of 35 line-km of gradient IP and 20 line-km of dipole-dipole. Both surveys cover the Southwest and Northeast prospect areas. The results of these surveys are being interpreted now.

Previous mapping and geophysical surveys support the extension of the zones of intense alteration, and presumably mineralization, both to the south under Cretaceous sedimentary rocks and basalt and to the north, northeast and east under unaltered basalt. The three prospect areas are interpreted as erosional 'windows', with the full extent of the altered and mineralized zone yet to be determined.

In Q3-Q4 2015, a detailed ground magnetic survey (20 m spaced N-S lines) was completed over a 1.7 by 1.8 km area at Bayan Khundii. The magnetic data provides insight into the geology of Bayan Khundii. The analytical signal of the total magnetic field provides the magnetic response for near-surface rock units and outlines the distribution of both altered lithologies at the Southwest and Northeast prospects (low magnetic response presumably reflecting magnetite destruction within zones of silica/sericite alteration) and unaltered andesite to the north and east.

In Q3-Q4 2015, an induced polarization (IP) surveys was completed at Bayan Khundii, including a 1 km by 1 km gradient array survey (100 m spaced N-S lines) and four 1.4 km long N-S dipole-dipole (Dp-Dp) lines over the Southwest Zone, which includes the Striker, Gold Hill and Stockwork Hill targets. A strong positive resistivity anomaly (>1,000 ohm m) in the gradient array data corresponds very closely to the exposed intensely altered (silicified and sericitized) volcanic rocks and is thought to reflect intense silicification. The observed resistivity high response in the gradient array data extends for several hundred metres to the east, in an area mapped as unaltered basalt, suggesting the alteration zone extends beneath the volcanic cover, as also suggested by magnetic data. The Dp-Dp data provide additional insight into the probable extensions of the highly resistive alteration beneath both the Cretaceous sedimentary/basalt rocks to the south and the unaltered basalt to the north. The combined gradient and Dp-Dp surveys suggest that the silicified zone is located at the apex of broad IP anomaly that extends to the north and east under younger cover, at relatively shallow depths (<100m) and to the south under Cretaceous sediments and volcanics.

## Metallurgy

A metallurgical testing program designed to provide an initial scoping level characterization of both gravity and cyanide leach recovery techniques was completed by Blue Coast Research Ltd. ("BCR") of Parksville, British Columbia for two composite samples from the initial drill program at Bayan Khundii (high-grade, 24.9 g/t gold head-grade, and low-grade, 0.7 g/t gold head-grade, samples). The high-grade composite had a high response to gravity separation, with recoveries of 71% for gold, which is considered to be good gravity amenability. The gravity gold response curve indicates a large portion of the gravity-recoverable gold is present in the finer size fractions. The high-grade gravity concentrate represents

1.2% of the original sample mass and contains 1380.9 g/t gold and 200 g/t silver. The low-grade gravity concentrate displayed a low to average gravity response for gold.

Standard bottle roll tests were completed on the gravity tails of each composite, with very high gold recoveries noted in both the high-grade and low-grade composites (95% and 86% Au recoveries respectively). A flowsheet employing both gravity concentration and cyanidation of the gravity tails yields very good overall gold recoveries for both the high-grade (99%) and low-grade (92%) composites.

These results suggest that gold from Bayan Khundii is free milling and amenable to conventional processing techniques.

#### Technical Report

On March 3, 2016, Erdene filed on SEDAR a National Instrument 43-101 technical report for Bayan Khundii. There is no resource estimate included in the report, which was prepared by the Corporation in support of disclosure to be used within its Annual Information Form.

#### Conclusion and Recommendations

Results to date at Bayan Khundii have been very encouraging and support an extensive exploration program to determine the continuity and limits of the reported high-grade gold mineralization at depth and on surface. The Erdene technical team is interpreting all results and establishing plans for the next phase of exploration with a follow-up drill program anticipated in late Q3-2016. In addition, the Corporation has commenced various technical studies in support of future scoping/feasibility-level studies and a mining license application, including hydrology, archeology, paleontological, and environmental base line studies.

#### **Altan Nar Gold-Polymetallic Project**

The Altan Nar ("Golden Sun") project is located on the Corporation's Tsenkher Nomin exploration license in southwest Mongolia. The exploration license is in its seventh year of a maximum 12-year term. The license can be converted to a mining license at any time prior to the end of the twelfth year by meeting the requirements prescribed under the Minerals Law of Mongolia. The 4,669 hectare Tsenkher Nomin license is 100% owned by Erdene.

Altan Nar was first discovered by the Company in Q3-2011 and is interpreted as an intermediate sulfidation, carbonate base-metal gold system, a style of deposit which has close magmatic relationships, often being base metal rich and locally associated with porphyry deposits. This style of gold mineralization represents the most prolific style of gold mineralization in the southeast Asia region and includes the Kelian mine in Indonesia (now closed but formerly operated by Rio Tinto) and Porgera gold mine Papua New Guinea (operated by Barrick Gold Corporation), and elsewhere in the world, Fruta del Norte in Ecuador, (operated by Lundin Gold Inc.), Cripple Creek & Victor Gold Mine in Colorado (operated by AngloGold Ashanti), Rosia Montana in Romania (operated by Rosia Montana Gold Corporation) and in Mexico five of the world's top silver-producing mines including Penasquito (operated by Goldcorp Inc.). This type of deposit is often associated with breccia pipes (diatremes) and can extend vertically for greater than 1 km. The Kelian open pit, for example, was developed to a depth of 500 m.

Exploration carried out by Erdene over the past four years has established Altan Nar as a significant new epithermal gold-silver-lead-zinc mineralized system. Exploration, specifically the 2013 through 2015 programs, including mapping, geochemical and geophysical survey programs, and a multi-stage scout and resource delineation drilling program, have greatly expanded the areas of known mineralization with 20 targets areas now documented over a 6 km x 10 km area, with the main mineralized, structural trend and primary location of carbonate, gold-silver-base metal mineralization being approximately 5.6 km x 1.5 km, consisting of 18 of the 20 target areas.

The Altan Nar prospect hosts multi-phase epithermal gold-silver-lead-zinc mineralization dominated by an intermediate carbonate, base metal gold phase within Late Paleozoic (Devonian-Carboniferous) andesitic volcanic rocks. Mineralization is associated with comb quartz and chalcedony veins, quartz breccias, sulfide matrix breccia and quartz-poor breccia zones with associated phyllic alteration zones (quartz-sericite-pyrite), and locally potassic altered zones, all within widespread propylitic (epidote-chlorite-montmorillonite/illite) alteration of host trachy-andesite, andesite and andesite tuff units.

#### Discovery Zone and Union North

##### Resource Estimate

During Q1-2015, an independent National Instrument 43-101 technical report ("Altan Nar Report") outlining the initial resource estimate at Altan Nar for the Discovery Zone ("DZ") and Union North ("UN") deposits was completed and is available on SEDAR.

Table 1 below shows the Indicated and Inferred Mineral Resource ("Mineral Resource") estimate for the Discovery Zone and Union North prospects as at February 19, 2015. The Mineral Resource was completed by RungePincockMinarco ("RPM") in accordance with the recommended guidelines of the CIM Definition Standards references in National Instrument 43-101 ("NI 43-101"). The Mineral Resources are provided at a number of gold equivalent ("AuEq") cut-offs, however RPM suggests reporting the Mineral Resource at a 1.0 g/t AuEq cut-off. The 0.6 g/t AuEq and 1.4 g/t AuEq cut-off grade Mineral Resources are provided for illustrative purposes.

Table 1 - Altan Nar Project –Mineral Resource Estimate Summary as at February 19, 2015

<b>AuEq Cut-off g/t</b>	<b>Classifi- cation</b>	<b>Tonnes Mt</b>	<b>Au g/t</b>	<b>Ag g/t</b>	<b>Zn %</b>	<b>Pb %</b>	<b>AuEq g/t</b>	<b>Au kOz</b>	<b>Ag kOz</b>	<b>Zn Mlbs</b>	<b>Pb Mlbs</b>	<b>AuEq kOz</b>
0.6	Indicated	3.4	1.0	9.4	0.57	0.47	1.7	112	1,014	42.4	34.8	185
0.6	Inferred	3.0	0.8	9.4	0.51	0.35	1.4	83	913	33.9	23.5	139
<b>1.0</b>	<b>Indicated</b>	<b>1.8</b>	<b>1.7</b>	<b>11.1</b>	<b>0.61</b>	<b>0.54</b>	<b>2.5</b>	<b>102</b>	<b>657</b>	<b>24.7</b>	<b>22.1</b>	<b>147</b>
<b>1.0</b>	<b>Inferred</b>	<b>1.5</b>	<b>1.5</b>	<b>10.4</b>	<b>0.54</b>	<b>0.39</b>	<b>2.1</b>	<b>72</b>	<b>498</b>	<b>17.7</b>	<b>12.8</b>	<b>102</b>
1.4	Indicated	1.3	2.3	12.1	0.61	0.58	3.1	92	486	16.8	15.9	124
1.4	Inferred	1.0	2.0	10.8	0.53	0.40	2.6	63	342	11.5	8.6	83

##### Notes:

1. The Statement of Estimates of Mineral Resources has been compiled under the supervision of Mr. Jeremy Clark who is a full-time employee of RPM and a Member of the Australian Institute of Geoscientists. Mr. Clark has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that he has undertaken to qualify as a Qualified Person as defined in the CIM Standards of Disclosure.
2. All Mineral Resources figures reported in the table above represent estimates as at 19<sup>th</sup> February, 2015. Mineral Resource estimates are not precise calculations, being dependent on the interpretation of limited information on the location, shape and continuity of the occurrence and on the available sampling results. The totals contained in the above table have been rounded to reflect the relative uncertainty of the estimate. Rounding may cause some computational discrepancies.
3. Mineral Resource grades are reported in accordance with the CIM Standards.
4. Mineral Resources reported on a dry in-situ basis.
5. Totals may differ due to rounding

To assist in reporting the Mineral Resources, Erdene requested that RPM report an AuEq value in an effort to express the combined value of gold, silver, lead and zinc as a percentage of gold, and is provided for illustrative purposes only. No allowances have been made for recovery losses that may occur should mining eventually result. Calculations use metal prices of US \$1,200/oz gold, US \$18/oz silver, and US \$0.90/lb for lead and zinc.

The Mineral Resource was completed by RPM using ordinary kriging and inverse distance squared interpolation methods. The Mineral Resource is reported using a cut-off grade which is deemed appropriate for the style of mineralization and the current state of the Mineral Resources. Of importance for mine planning, the model accommodates in situ and contact dilution but excludes mining dilution. Block size (25 x 5 x 5 m, sub-blocked to 3.25 x 1.25 x 1.25 m) is similar to the expected small-mining units conventionally used in this type of deposit, and appropriate for an open pit mine.

## Exploration Work

Drilling to date at the DZ has identified a minimum strike length of 500 m. Thirty-five, mostly shallow (<150 m true depth vertical extent) drill holes, on 20 m to 100 m spacing along strike, and six trenches across zones of surface mineralization, have demonstrated vertical and lateral continuity of gold, silver, lead and zinc mineralization. Exploration work has identified north-northeast trending, sub-vertical zones of gold and silver mineralization over variable widths (up to 53 m apparent width) averaging in excess of 1 g/t gold, including intervals up to 19 m averaging 5.8 g/t gold (7.8 g/t AuEq) in Discovery Zone North. During Q4 2014, drilling at Discovery Zone North returned the highest grade intersection to date in hole TND-70, with 30 m of 4.2 g/t gold (5.1 g/t AuEq) including 8 m of 11.4 g/t gold (13.6 g/t AuEq). In October 2015 the Corporation announced results from infill drilling at DZ; hole TND-92, located in DZ South, returned 9 m of 7.3 g/t gold (9.2 g/t AuEq) within a 38 m interval of 2.0 g/t gold (2.8 g/t AuEq), from 43 to 81 m depth; and hole TND-90, also located in DZ South, returned a 53 m interval of 1.4 g/t gold (2.0 g/t AuEq), from 78 to 131 m depth.

Within the DZ, gold mineralization is structurally controlled and associated with hydrothermal breccia zones that are steeply dipping to sub-vertical. The DZ remains open along strike to the northeast and at depth. Drilling has tested the mineralization to a vertical depth of 175 m (Discovery Zone South) and to vertical depth of 230 m (Discovery Zone North). The deepest hole on the Altan Nar property (TND-58) at 230 m, intersected 6 m of 4.8 g/t gold, 9.3 g/t silver and 1.4% combined lead and zinc near the bottom of the hole.

At UN, a series of 8 trenches and 15 drill holes, at 50 m to 100 m spacing, have identified mineralization associated with a structural dilation zone on a large northeast-southwest trending structure, that hosts wide, parallel zones of intensely altered and mineralized breccias. Previous drilling (2012) included a single hole (TND-46) at UN that intersected 47 m of 1.3 g/t gold, including 9 m of 4.4 g/t gold (5.4 g/t AuEq). Infill drilling in Q3 2015 returned multiple, near-surface, high-grade mineralized zones from the central resource area, including hole TND-82 (within 38 m from surface), which returned 5 m of 10.9 g/t AuEq (7.2 g/t Au, 29.8 g/t Ag, 2.64% Pb, 3.62% Zn) within a 12 m interval of 5.3 g/t AuEq (3.6 g/t Au, 14.4 g/t Ag, 1.15% Pb, 1.76% Zn). Trenching in Q3 significantly expanded the deposit's mineralized zone; trench ANT-41, located approximately 200 m east of the current UN resource boundary, returned 8 m of 4.1 g/t AuEq (3.5 g/t Au, 5.0 g/t Ag, 0.70% Pb, 3.26% Zn) within a 28.5 m interval of 2.5 g/t AuEq (1.9 g/t Au, 4.3 g/t Ag, 0.78% Pb, 0.35% Zn). The total strike length of UN is now 600 m and remains open to the northeast, south, and at depth.

Outside of the DZ and UN, scout drilling (2011-2012), trenching (2013, Q3 2014) and target drilling (Q2, Q4 2014, and Q3 2015) have been carried out over a 5.0 km portion of the Altan Nar property to test a number of high priority targets.

## Geophysical Survey

The aerial extent of ground geophysical surveys at Altan Nar was expanded in 2014, with 20 line kilometres of induced polarization ("IP") dipole-dipole surveys completed along 100 m spaced lines over an area covering the North Bow, South Bow, Riverside, Union North, Union South and Maggie prospect areas. To date, high chargeability anomalism has been an important guide for successful targeting of the gold mineralized zones. A previous IP gradient-array survey identified a series of high chargeability anomalies, up to 190 m wide that are interpreted as representing broad zones of sulphide mineralization. Many of these IP anomalies have corresponding surface geochemical anomalies (in both rock and soil). The morphology of these IP anomalies, coupled with the geometry of the lineaments evident on satellite imagery, suggests mineralization may be associated with structural dilation zones. The Q2 2014 survey results show the presence of multiple, locally intense, chargeability high anomalies, extending from near-

surface to depth, often continuing below the IP survey detection limit of approximately 150 m. Anomalies beneath the North Bow/South Bow and Union North, Union South target areas are particularly intense. The majority of these geophysical targets have yet to be drill tested.

#### Geochemical Soil Survey

In addition to the regional soil survey over the Tsenkher Nomin license area, that had a broad 400 m by 400 m grid spacing and defined the 5.6 by 1.5 km target area, a total of 858 soil samples were collected at 12.5 m intervals along 50 m spaced infill lines over a 1.0 square km area at Altan Nar in Q2 2014. The objective of the soil program was to provide greater definition of gold, base-metal and associated alteration-element soil anomalies, which have proven to be very effective in identifying mineralized trends. Approximately 15% of the samples collected (128 samples) returned values greater than 10 ppb gold and are considered to be anomalous based on a regional average of 2.3 ppb gold. One soil sample collected over the Maggie prospect returned a highly anomalous value of 1.04 g/t (1,040 ppb) gold. The new soil data has been compiled and integrated with other geochemical data as well as geophysical and geological data sets and new targets generated.

#### Geologic Mapping and Prospecting

Based on a better understanding of the surface expression of the mineralized zones, (low relief with thin cover and very limited quartz or iron-oxide rubble) the geotechnical team has refined its mapping techniques, resulting in the discovery of new zones and expansion of the known zones of mineralization. Sampling of quartz rubble material has confirmed these mineralized trends in several new locations. To date, numerous rock chip samples have returned gold values between 1.0 g/t and 41.3 g/t across the 5.6 km by 1.5 km overall target area.

#### Surface Exploration Results

The characterization of high-grade gold, silver, lead and zinc mineralization in drill holes and trenches has provided an improved understanding of mineralization at Altan Nar and therefore improved targeting utilizing mapping, geochemical and geophysical data. Higher-grade zones are typically associated with broad zones of hydrothermal and sulfide matrix breccia with intense phyllic alteration (quartz-sericite-pyrite) that result in IP chargeability highs and magnetic lows. These zones of alteration are mostly preferentially weathered, resulting in little or no surface expression. Even the remnants of highly resistive quartz breccia zones may be reduced to surface rubble. The combination of detailed surface mapping, geochemical analysis of soil and rock samples, along with IP and magnetic geophysical surveys has resulted in the identification of 20 highly prospective targets within the Altan Nar license, 18 of which are within the Altan Nar main trend. With the exception of the DZ and UN these targets remain relatively untested. These target zones have the potential to significantly expand the areas of known gold-polymetallic mineralization at Altan Nar.

#### Metallurgical Testing

During Q3 2015 the Corporation completed metallurgical test-work on representative drill core composites from DZ North and Union North. The test-work program was completed by Blue Coast Research Ltd. ("BCR") of Parksville, British Columbia, and was designed to provide a preliminary metallurgical evaluation of Altan Nar and included cyanidation, flotation, gravity separation, and heavy liquid separation.

Metallurgical test-work at DZ North returned 88% gold recovery from direct cyanidation (ground to 80% passing 75 microns), indicating the gold is free milling and does not contain a significant refractory component. The test was conducted as a standard 48-hour bottle roll at 40% solids, with a cyanide concentration maintained at 1.0 g/L NaCN, while the pH was maintained between 10.5 and 11.0.

Dissolved oxygen levels were maintained above 5 mg/L. Both cyanide (0.96 kg/t) and lime (1.51 kg/t) consumptions were moderate, indicating relatively low reagent consumable costs.

The flotation results indicated that high-grade gold-lead-silver concentrates (229 g/t gold, 62% lead, 1,029 g/t silver) could be produced with reasonable overall recoveries (75% gold, 74% lead, 64% silver) using conventional lead-zinc differential flotation.

A single cyanidation test and a single cleaner flotation test were both completed on UN drill core composites under similar conditions to those employed for the DZ North test-work. The results of the cyanidation test indicated a gold recovery of 68%. In the flotation test, the gold associated with the UN sample displayed a higher affinity for recovery to the sulphide concentrate (24% gold recovery), and less of an affinity for recovery to the lead concentrate (45% gold recovery) versus the DZ North material. No optimization work was performed on the UN composite.

BCR specializes in flowsheet development, from conceptual through prefeasibility to full feasibility level studies as well as in-plant consulting services supporting the start-up and optimization of production plants. Their metallurgists have significant experience with polymetallic base and precious metal concentrates globally.

### Summary

Altan Nar hosts a total of 18 mineralized (gold, silver, lead and zinc) target areas that have been identified within a 5.6 by 1.5 km mineralized corridor. Two of the early discoveries, Discovery Zone ("DZ") and Union North ("UN"), are the most advanced targets, hosting wide zones of high-grade, near-surface mineralization, and were the focus of an initial NI 43-101 resource estimate released in Q1 2015. The Altan Nar resource includes an Indicated Resource of 1.8 million tonnes ("Mt") averaging 2.5 g/t AuEq (147,000 oz gold) and an Inferred Resource of 1.5 Mt averaging 2.1 g/t AuEq, (102,000 oz gold), at a 1.0 g/t AuEq cut-off. The remaining 16 targets are either undrilled or scout-drilled and are considered by Erdene to have good potential for hosting additional resources.

During Q3-2015, the Corporation completed a drilling and trenching program over the DZ-UN mineral resource areas and reconnaissance drilling in an effort to expand the current resource and to provide future growth potential at Altan Nar. The DZ-UN program achieved the Corporation's objective of increasing confidence in the near-surface mineralized zones, returning multiple, significant intersections. The reconnaissance drilling increased the Corporations confidence in the potential for these target areas, outside of the DZ-UN resource boundaries, to significantly expand the areas of known gold-polymetallic mineralization at Altan Nar.

The Corporation also completed metallurgical test-work on drill core composites from DZ-UN to evaluate processing options for the production of gold-silver doré on site through gravity and leaching, and/or production of gold and silver in lead-zinc concentrates through flotation.

Given the multitude of targets, Altan Nar has now been established as a significant new gold, silver and base metal discovery. Altan Nar's location relative to China, where plant and operating equipment can be accessed and where potential final processing facilities are located, has advantages for moving rapidly to initial production.

### **Zuun Mod Molybdenum Project**

The Zuun Mod Molybdenum Project is a porphyry molybdenum-copper deposit located in southwest Mongolia, approximately 950 km southwest of Ulaanbaatar and 215 km from railhead on the Mongolia-China border at Ceke. The railhead is located 50 km south of the Nariin Sukhait and Ovoot Tolgoi coal

mines. The property consists of a mining license totaling 6,041 hectares. The mining license is registered in the name of Anian Resources LLC, a wholly owned subsidiary of the Corporation and has an initial term of 30 years. This project was acquired from Gallant Minerals Limited in 2005 and is subject to a net smelter returns royalty of 1.5%, subject to a buy-down provision.

In early June, 2011, the Corporation released the May 2011 Zuun Mod molybdenum-copper deposit National Instrument 43-101 compliant resource estimate which has a measured and indicated resource of 218 million tonnes ("Mt") at an average grade of 0.057% molybdenum, and 0.069% copper at a cut-off grade ("cog") of 0.04% molybdenum. This equates to 273.5 million pounds ("M lbs") of contained molybdenum metal and 330.7 M lbs of contained copper metal. In addition, there is a 168 Mt Inferred Resource at an average grade of 0.052% molybdenum and 0.065% copper, equating to a further 191.8 M lbs of contained molybdenum metal and 240.5 M lbs of contained copper metal. All of the reported Zuun Mod molybdenum and copper resources lie within the boundaries of the mining license.

### **Khuvyn Khar Copper-Silver Project**

The Khuvyn Khar copper-silver project is located on the Zuun Mod property, approximately 2.2 km northwest of the Zuun Mod molybdenum-copper porphyry deposit (discussed above). Exploration work at Khuvyn Khar has included geological mapping, vein density mapping, geochemical sampling, geophysical surveys, and wide spaced drilling. Previous drilling completed by the Corporation to test a geophysical target, intersected 34 m of 1.3% copper and 9.24 g/t silver from 308 m to 342 m (hole ZMD-121). Additional drilling on the Khuvyn Khar prospect has defined a very large copper mineralized zone trending over 900 m with multiple zones in three drill holes returning assays in excess of 0.2% copper over significant widths (12 m to 42 m).

Recent exploration work carried out at Khuvyn Khar included a property-wide gravity survey, an expansion of the mobile-metal-ion ("MMI") geochemical survey, re-logging of all drill holes and alteration mapping, including spectral analysis of drill core. This program resulted in the identification and prioritization of seven porphyry copper drill targets, three of which are considered high-priority with strong probability of intersecting copper porphyry mineralization at relatively shallow depths.

In 2014, work on the Khuvyn Khar project included rock chip sampling, geophysical modeling, detailed vein and alteration mapping of high priority areas and a 1,532 m trenching program designed to identify the geology, alteration and mineralization in areas of poor outcrop exposure located within high priority target areas. The data collected from this exploration work has provided further definition and confidence in the modelling of potential mineralization at Khuvyn Khar. The 2014 work program has culminated in the identification of new, partially buried high priority drill target in the north-central Khuvyn Khar area as well as a new target in the western portion of the Khuvyn Khar property. The ongoing exploration program continues to confirm the potential for copper-rich porphyry style mineralization within the Khuvyn Khar target area. This conclusion is supported by high-grade copper-silver mineralization intersected by Erdene in previous drilling (34 m of 1.34% copper and 9.24 g/t silver).

The 2014 exploration program on the Zuun Mod – Khuvyn Khar property met the objectives of the program, namely, to better define high-priority drill targets for follow-up exploration on the Khuvyn Khar copper porphyry target and to complete work on the Zuun Mod molybdenum-copper deposit required to maintain the mining licenses in good standing, including annual license payments, ongoing environmental review requirements and community development work.



## Khuvyn Khar 2015 Update

In Q1 2015, the Corporation announced the granting to Tian Poh Resources Limited ("Tian Poh") a period of exclusivity to exercise an option to acquire an interest in the Zuun Mod mining license ("Zuun Mod"). Tian Poh agreed it would complete a 1,000 m drill program by October 30, 2015 to test the Khuvyn Khar North target area, an approximately 1 km x 1.5 km prospect area, that was identified by the Corporation. The target area was identified on the basis of several overlapping geological, geophysical and geochemical factors, including: gravity low response, magnetic low response, concentration of quartz veins surrounded by D-vein zones, the presence of copper mineralization at surface, anomalous copper, silver, and gold in soils and rock chips, 2014 trenching results, and IP chargeability response. Tian Poh completed a two-hole, 1,000 m drill program on the Khuvyn Khar North target area in Q3 2015. Hole ZMD-129 reached a depth of 450 m and intersected hydrothermal intrusive breccias and several porphyry intrusions in the upper 242 m of the hole, with assay results returning an average of 0.08% copper ("Cu"), including an 8 m interval that averaged 0.13% Cu. Hole ZMD-130 was drilled to a depth of 550 m and intersected andesite with cross-cutting porphyry dykes in the top 192 m, with assays for this interval averaging 0.10% Cu, including a 4 m interval averaging 0.25% Cu. The drilling also encountered elevated gold, up to 0.12 g/t.

In Q4 2015, Tian Poh elected to not exercise its option to acquire an interest in the Zuun Mod mining license. The Corporation continues to investigate options to advance the Zuun Mod and Khuvyn Khar projects.

## **Outlook**

### **General**

Management's long-term focus remains the discovery and development of significant precious and base metal deposits in Mongolia. The Corporation's immediate focus will continue to be the evaluation and potential development of the Bayan Khundii Gold and Altan Nar Gold-Polymetallic projects.

The Corporation has working capital sufficient to meet its budgeted expenditures until approximately the first quarter of 2017. The ability of the Corporation to continue beyond this point is contingent upon equity financing, entering joint venture agreement(s), asset sales, or a combination thereof.

### **Bayan Khundii**

Management considers Bayan Khundii to be a significant new gold discovery and, based on the high-grade results received from drilling and trenching programs, has elevated the project to high priority status. Results of the Q4-2015 and Q2-2016 exploration programs are viewed by the Corporation as being a tremendous success, confirming continuity of the high-grade Striker Zone, identifying broad zones of gold mineralization at depth that remain open, and under post mineralization cover, and identified high priority targets through reconnaissance drilling and trenching. Following a period of review and interpretation the Corporation is planning to return to drilling in Q3-2016. In addition, the Corporation has commenced various technical studies in support of future scoping/feasibility-level studies and a mining license application, including hydrology, archeology, paleontological, and environmental base line studies.

### **Altan Nar**

With the completion of the initial mineral resource for Altan Nar, the Corporation is now considering resource expansion drilling, evaluating near-term development options and will advance the project based on the outcome of this work. Upcoming work at Altan Nar is expected to include various technical studies

in support of a mining license application, including hydro-geological, archaeological, paleontological, and environmental base line studies.

### **Zuun Mod/Khuvyn Khar**

Management believes that the Zuun Mod molybdenum-copper deposit has significant potential for development if/when the molybdenum price improves. Recent market demand and pricing conditions for molybdenum have been generally depressed with the price of molybdenum oxide at approximately US\$7.26 per pound on August 10, 2016, down significantly from the US\$40 per pound values reached in 2004 and 2005. Improvement in the molybdenum market is an important factor in the advancement of the Zuun-Mod molybdenum-copper deposit. The Corporation will continue to complete evaluations towards optimizing project economics as new information is received in regards to technology and/or additional exploration information.

Discovery of additional significant copper mineralization at Khuvyn Khar could provide synergies for the advancement of the Zuun Mod molybdenum deposits.

### **Teck Alliance**

Regional exploration, designed to identify additional porphyry and porphyry-related mineralization in south-western Mongolia is ongoing and has been designed to be a multi-year program. This program is being funded through the alliance with Teck Resources Limited. To date, Teck has invested \$2.5 million and owns approximately 10.48% of the Corporation. The 2016 regional exploration program, commencing in Q3 2016, will focus on the eastern portion of the south-western Mongolia area of interest and will consist of regional scale stream sediment survey, geological mapping and prospecting, as well as analysis of remote sensing data.

## **Selected Annual Financial Information**

The following information has been extracted from the Corporation's audited consolidated financial statements.

*Expressed in thousands of Canadian dollars except per share amounts.*

<b>Fiscal Year Ended December 31</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Revenues	\$ Nil	\$ Nil	\$ Nil
Loss for the year	\$ 12,608	\$ 2,617	\$ 2,760
Basic and diluted loss per share	\$ 0.14	\$ 0.04	\$ 0.05
Total assets	\$ 2,522	\$ 10,912	\$ 11,586
Total long-term liabilities	\$ Nil	\$ Nil	\$ 3
Cash dividends declared	\$ Nil	\$ Nil	\$ Nil

## **Discussion of Operations**

### ***Three months ended June 30, 2016 and 2015***

Exploration expenses totaled \$1,385,029 for the three months ended June 30, 2016 compared to \$280,368 for the same period in 2015. The tables below show exploration and evaluation costs for the second quarter of 2016 and 2015, including those capitalized during the reporting periods. As explained in greater detail under "Project Summaries", exploration efforts were focused on Bayan Khundii in Q2 2016.

<b>3 months ended June 30, 2016</b>	<b>Zuun Mod</b>	<b>Altan Nar</b>	<b>Bayan Khundii</b>	<b>Other</b>	<b>Total</b>
<b>E&amp;E assets, April 1, 2016</b>	<b>\$ 710,693</b>	<b>\$ 833,941</b>	<b>\$ 52,091</b>	<b>\$ 275</b>	<b>\$ 1,597,000</b>
<b>Exploration expenditures</b>					
Drilling, trenching, sampling and assaying	1,392	3,054	744,060	2,727	751,233
Licence costs	86,299	-	-	-	86,299
Geological services, camp and field	27,112	72,074	523,089	7,465	629,740
Travel and other	-	14,017	21,016	12,280	47,313
Mongolian office costs	-	-	-	45,888	45,888
Total exploration expenditures	114,803	89,145	1,288,165	68,360	1,560,473
<b>Capitalized expenditures</b>	<b>(86,299)</b>	<b>(89,145)</b>	<b>-</b>	<b>-</b>	<b>(175,444)</b>
<b>Expensed exploration costs 2016</b>	<b>28,504</b>	<b>-</b>	<b>1,288,165</b>	<b>68,360</b>	<b>1,385,029</b>
Proceeds from Sandstorm royalty	-	(876,972)	-	-	(876,972)
Effect of movements in exchange rates	89,084	18,017	1,270	296	108,667
<b>E&amp;E assets, June 30, 2016</b>	<b>\$ 886,076</b>	<b>\$ 64,131</b>	<b>\$ 53,361</b>	<b>\$ 571</b>	<b>\$ 1,004,139</b>

  

<b>3 months ended June 30, 2015</b>	<b>Zuun Mod Moly/Copper</b>	<b>Altan Nar Gold</b>	<b>Bayan Khundii</b>	<b>Other</b>	<b>Total</b>
<b>E&amp;E assets, April 1, 2015</b>	<b>\$ 10,941,612</b>	<b>\$ 140,721</b>	<b>\$ 46,064</b>	<b>\$ -</b>	<b>\$ 11,128,397</b>
<b>Exploration expenditures</b>					
Drilling, trenching, sampling and assaying	-	37,450	1,891	5,362	44,703
License costs	82,437	-	4,025	145	86,607
Geological services, camp and field	9,873	97,721	1,546	185,575	294,715
Travel and other	1,906	9,436	2,092	18,193	31,627
Mongolian office costs	-	-	-	65,709	65,709
Total exploration expenditures	94,216	144,607	9,554	274,984	523,361
<b>Deferred expenditures</b>	<b>(94,216)</b>	<b>(144,607)</b>	<b>(4,025)</b>	<b>(145)</b>	<b>(242,993)</b>
<b>Exploration expenses incurred in 2015</b>	<b>-</b>	<b>-</b>	<b>5,529</b>	<b>274,839</b>	<b>280,368</b>
Effect of movements in exchange rates	(122,050)	(1,237)	(576)	(5)	(123,868)
<b>E&amp;E assets, June 30, 2015</b>	<b>\$ 10,913,778</b>	<b>\$ 284,091</b>	<b>\$ 49,513</b>	<b>\$ 140</b>	<b>\$ 11,247,522</b>

Corporate & administrative expenses were \$699,149 for the three months ended June 30, 2016 compared to \$235,143 in 2015, a \$464,006 increase. The increase over the prior year is due to the following (numbers are rounded): \$71,000 in additional management services, \$203,000 in additional non-cash share based compensation, \$93,000 in additional investor relations and marketing costs, \$25,000 increase in travel and \$65,000 in additional regulatory costs.

The Corporation recognized a gain of \$623,028 upon signing a royalty agreement with Sandstorm (see above Sandstorm Gold Ltd. Royalty Agreement for more details on the agreement).

For the three months ended June 30, 2016, the Corporation recognized a net loss of \$1,423,474, or \$0.01 per share, compared to a loss of \$516,887, or \$0.01 per share, for the same period in 2015.

### **Six months ended June 30, 2016 and 2015**

Exploration expenses totaled \$1,664,403 for the six months ended June 30, 2016 compared to \$400,285 for the same period in 2015. The tables below show exploration and evaluation costs for the first six months of 2016 and 2015, including those capitalized during the reporting periods. As explained in greater detail under "Project Summaries", exploration efforts have been focused on Bayan Khundii in 2016.

6 months ended June 30, 2016	Zuun Mod	Altan Nar	Bayan Khundii	Other	Total
<b>E&amp;E assets, January 1, 2016</b>	<b>\$ 881,821</b>	<b>\$ 804,505</b>	<b>\$ 50,976</b>	<b>\$ 290</b>	<b>\$ 1,737,592</b>
<b>Exploration expenditures</b>					
Drilling, trenching, sampling and assaying	2,414	8,058	781,614	3,455	795,541
Licence costs	86,299	-	3,804	296	90,399
Geological services, camp and field	56,635	133,104	672,278	26,068	888,085
Travel and other	-	20,461	35,134	17,539	73,134
Mongolian office costs	-	-	-	69,266	69,266
Total exploration expenditures	145,348	161,623	1,492,830	116,624	1,916,425
<b>Capitalized expenditures</b>	<b>(86,299)</b>	<b>(161,623)</b>	<b>(3,804)</b>	<b>(296)</b>	<b>(252,022)</b>
<b>Expensed exploration costs 2016</b>	<b>59,049</b>	<b>-</b>	<b>1,489,026</b>	<b>116,328</b>	<b>1,664,403</b>
Proceeds from Sandstorm royalty	-	(876,972)	-	-	(876,972)
Effect of movements in exchange rates	(82,044)	(25,025)	(1,419)	(15)	(108,503)
<b>E&amp;E assets, June 30, 2016</b>	<b>\$ 886,076</b>	<b>\$ 64,131</b>	<b>\$ 53,361</b>	<b>\$ 571</b>	<b>\$ 1,004,139</b>

6 months ended June 30, 2015	Zuun Mod	Altan Nar	Bayan Khundii	Other	Total
<b>E&amp;E assets, January 1, 2015</b>	<b>\$ 10,614,014</b>	<b>\$ 16,714</b>	<b>\$ 45,282</b>	<b>\$ -</b>	<b>\$ 10,676,010</b>
<b>Exploration expenditures</b>					
Drilling, trenching, sampling and assaying	-	73,696	-	9,150	82,846
License costs	82,437	-	4,025	145	86,607
Geological services, camp and field	25,442	183,093	1,546	280,111	490,192
Travel and other	1,906	9,436	-	20,285	31,627
Mongolian office costs	-	-	-	89,193	89,193
Total exploration expenditures	109,785	266,225	5,571	398,884	780,465
<b>Deferred expenditures</b>	<b>(109,785)</b>	<b>(266,225)</b>	<b>(4,025)</b>	<b>(145)</b>	<b>(380,180)</b>
<b>Exploration expenses incurred in 2015</b>	<b>-</b>	<b>-</b>	<b>1,546</b>	<b>398,739</b>	<b>400,285</b>
Effect of movements in exchange rates	189,979	1,152	199	2	191,332
<b>E&amp;E assets, June 30, 2015</b>	<b>\$ 10,913,778</b>	<b>\$ 284,091</b>	<b>\$ 49,506</b>	<b>\$ 147</b>	<b>\$ 11,247,522</b>

Corporate & administrative expenses were \$932,140 for the six months ended June 30, 2016 compared to \$396,336 in 2015, a \$535,804 increase. The increase over the prior year is due to the following (numbers are rounded): \$120,000 in additional management service, \$219,000 in additional non-cash share based compensation, \$101,000 in additional investor relations and marketing costs, \$31,000 increase in travel and \$83,000 in additional regulatory costs. These increases were partially offset by an \$18,000 decrease in office costs and professional fees.

The Corporation recognized a gain of \$623,028 upon signing a royalty agreement with Sandstorm (see above Sandstorm Gold Ltd. Royalty Agreement for more details on the agreement). \$876,972 of the \$1.5 million received from Sandstorm was applied to the capitalized costs of Altan Nar at the close of the transaction, with the remaining \$623,028 recognized as a gain the period.

For the six months ended June 30, 2016, the Corporation recognized a net loss of \$1,935,432, or \$0.02 per share, compared to a loss of \$738,614, or \$0.01 per share, for the same period in 2015.

## Summary of Quarterly Results

*Expressed in thousands of Canadian dollars except per share amounts*

	Fiscal 2016		Fiscal 2015				Fiscal 2014	
	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3
	Jun	Mar	Dec	Sep	Jun	Mar	Dec	Sep
Revenue	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Net Loss	\$1,423	\$512	\$11,476	\$393	\$222	\$517	\$733	\$535
Basic and diluted loss per share	\$0.01	\$0.01	\$0.13	\$0.00	\$0.01	\$0.00	\$0.01	\$0.01
Total Assets	\$4,044	\$2,504	\$2,522	\$12,508	\$12,540	\$11,321	\$10,912	\$10,763

*All financial data has been prepared in accordance with IFRS.*

The Corporation's expenditures vary from quarter to quarter largely depending on the timing of its Mongolian exploration programs. The next loss in Q4 2015 was mainly an impairment charge recognized on the Zuun Mod/Khuvyn Khar property. The Corporation is not aware of any other specific trends which account for fluctuations in financial results from period to period.

## Liquidity and Capital Resources

At June 30, 2016, the Corporation had working capital of \$2,729,619 compared to \$308,341 at December 31, 2015, an increase of \$2,421,248.

During 2016, the Corporation received \$1,465,122 in proceeds from the exercise of 8,115,682 warrants and options (see Outstanding Share Data for further details). In April 2016, the Corporation received total consideration of \$2.5 million on the close of a transaction with Sandstorm Gold Ltd. (see Royalty Agreement with Sandstorm Gold Ltd.). In May 2016, the Corporation retired an outstanding debenture of \$252,207 by issuing 1,801,475 shares to Tian Poh. In June 2016, the Corporation closed a private placement with Teck by issuing 1,063,830 shares at \$0.47 per share for gross proceeds of \$500,000. At the date of this MD&A, the Corporation had approximately \$2.7 million in working capital.

Funds have been used to advance the Corporations projects in Mongolia and cover overhead and administrative costs in support of those programs (see Project Summaries and Discussion of Operations).

Current working capital is sufficient to fund the Corporation's budgeted expenditures until approximately Q1 2017, depending on the timing and progress of exploration and evaluation costs, primarily on the Bayan Khundii project. The ability of the Corporation to continue with its exploration programs beyond this point is contingent upon securing additional funds through asset sales, formation of alliances, option, and/or joint venture agreements, equity financing and/or expenditure reductions. The timing and availability of additional equity financing will be determined largely by market conditions and the results of the Corporation's ongoing exploration programs.

The Corporation has minimal sources of income. It is therefore difficult to identify any meaningful trends or develop an analysis from the Corporation's cash flows. The Corporation is dependent primarily on the issuance of share capital to finance its exploration and development programs.

Other than as discussed herein, the Corporation is not aware of any trends, demands, commitments, events or uncertainties that may result in the Corporation's liquidity or capital resources materially increasing or decreasing at present or in the foreseeable future. Material increases or decreases in the Corporation's liquidity and capital resources will be substantially determined by the success or failure of

the Corporation's Mongolian exploration and development programs and its ability to obtain sufficient equity financing.

## Contractual Obligations

The following table summarizes the Corporation's contractual obligations at June 30, 2016:

<b>Contractual Obligations</b>	<b>Total</b>	<b>Less than one year</b>	<b>1-3 years</b>	<b>4-5 years</b>	<b>More than 5 years</b>
Office leases	\$ 206,434	\$ 65,347	\$130,234	\$10,853	\$ -
Accounts payable and accrued liabilities	236,261	236,261	-	-	-
	<u>\$ 442,695</u>	<u>\$301,608</u>	<u>\$130,234</u>	<u>\$10,853</u>	<u>\$ -</u>

Gallant Minerals Limited is entitled to a 1.5% net smelter return royalty on the Zuun Mod License, subject to a buy-down provision. There are no minimum work commitments for the Zuun Mod mining license.

Sandstorm Gold Ltd. is entitled to a 2.0% net smelter return royalty on the Altan Nar and Bayan Khundii projects. The royalty is subject to a buy-down provision.

## Off-Balance Sheet Arrangements

As at June 30, 2016, the Corporation had no material off-balance sheet arrangements such as guarantee contracts, contingent interests in assets transferred to an entity, derivative instruments obligations or any obligations that trigger financing, liquidity, market or credit risks to the Corporation.

## Critical Accounting Estimates

### Estimate of recoverability for non-financial assets

Events or changes in circumstances, may give rise to significant impairment charges or reversals of impairment in a particular year.

In accordance with the Corporation's accounting policy, each non-financial asset or cash generating unit is evaluated every reporting period to determine whether there are any indications of impairment. If any such indication exists, a formal estimate of recoverable amount is performed and an impairment loss recognized to the extent that carrying amount exceeds recoverable amount. The recoverable amount of an asset or cash generating unit is measured at the higher of fair value less costs to sell and value in use. Impairment testing is also performed annually for goodwill.

Fair value is determined as the amount that would be obtained from the sale of the asset in an arm's length transaction between knowledgeable and willing parties, and is generally determined as the present value of the estimated future cash flows expected to arise from the continued use of the asset, including any expansion prospects, and its eventual disposal. Value in use is also generally determined as the present value of the estimated future cash flows, but only those expected to arise from the continued use of the asset in its present form and its eventual disposal. Present values are determined using a risk-adjusted pre-tax discount rate appropriate to the risks inherent in the asset.

Future cash flow estimates are based on expected production and sales volumes, mineral prices (considering current and historical prices, price trends and related factors), resources, operating costs, restoration and rehabilitation costs and future capital expenditures. This policy requires management to

make these estimates and assumptions which are subject to risk and uncertainty; hence there is a possibility that changes in circumstances will alter these projections, which may impact the recoverable amount of the assets. In such circumstances, some or all of the carrying value of the assets may be impaired and the impairment would be charged against the income statement.

### **Share-based payments**

Equity-settled share-based payments issued to employees are measured at fair value (excluding the effect of non-market based vesting conditions) at the date of grant. Fair value is measured using the Black-Scholes pricing model and requires the exercise of judgment in relation to variables such as expected volatilities and expected lives based on information available at the time the fair value is measured.

### **Fair value of financial instruments, including embedded derivatives**

Where the fair value of financial assets and financial liabilities recorded in the consolidated statement of financial position cannot be derived from active markets, their fair value is determined using valuation techniques including the discounted cash flow model. The inputs to these models are taken from observable markets where possible, but where this is not feasible, a degree of judgment is required in establishing fair values. The judgments include considerations of inputs such as liquidity risk, credit risk and volatility. Changes in assumptions about these factors could affect the reported fair value of financial instruments.

### **Taxation**

The Corporation's accounting policy for taxation requires management's judgment in assessing whether deferred tax assets and certain deferred tax liabilities are recognized on the balance sheet. Deferred tax assets, including those arising from tax loss carry-forwards, capital losses and temporary differences are recognized only where it is considered probable that they will be recovered, which is dependent on the generation of sufficient future taxable profits. Assumptions about the generation of future taxable profits depend on management's estimates of future cash flows. These depend on estimates of future production and sales volumes, mineral prices, reserves, operating costs, restoration and rehabilitation costs, capital expenditures, dividends and other capital management transactions.

Judgments are also required about the application of income tax legislation. These judgments and assumptions are subject to risk and uncertainty, hence there is a possibility that changes in circumstances will alter expectations, which may impact the amount of deferred tax assets and deferred tax liabilities recognized on the balance sheet and the amount of other tax losses and temporary differences not yet recognized. In such circumstances, some or all of the carrying amount of recognized deferred tax assets and liabilities may require adjustment, resulting in a corresponding credit or charge to the income statement.

### **Adoption of New Accounting Standards**

The following new standards and amendments to standards and interpretations were adopted for the period beginning January 1, 2016.

#### **(a) Clarification of Acceptable Methods of Depreciation and Amortization (amendments to IAS 16)**

The amendments made to IAS 16 explicitly state that revenue-based methods of depreciation cannot be used for property, plant and equipment. This is because such methods reflect factors other than the consumption of economic benefit embodied in the asset.

(b) Disclosure Initiative: Amendments to IAS 1

On December 18, 2014 the IASB issued amendments to IAS 1 Presentation of Financial Statements as part of its major initiative to improve presentation and disclosure in financial reports (the “Disclosure Initiative”).

## **Future Changes in Accounting Policies**

The following new standards, and amendments to standards and interpretations under IFRS, are not yet effective and have not been applied in preparing these consolidated statements:

(a) Amendments to IFRS 9 - Financial Instruments

The IASB has issued IFRS 9, Financial Instruments, which replaces IAS 39, Financial Instruments: Recognition and Measurement. The objective of IFRS 9 is to establish principles for the financial reporting of financial assets and financial liabilities that will present relevant information to users of financial statements for their assessment of the amounts, timing and uncertainty of an entity’s future cash flows.

The Corporation intends to adopt IFRS 9 for the annual period beginning January 1, 2018, but does not expect IFRS 9 to have a material impact on the financial statements. The classification and measurement of the Corporation’s financial assets is not expected to change under IFRS 9 because of the nature of the Corporation’s operations and the types of financial assets it holds.

(b) IFRS 16 Leases: IFRS 16 will replace IAS 17 Leases

On January 13, 2016 the IASB issued IFRS 16 Leases. This standard introduces a single lessee accounting model and requires a lessee to recognize assets and liabilities for all leases with a term of more than 12 months, unless the underlying asset is of low value. A lessee is required to recognize a right-of-use asset representing its right to use the underlying asset and a lease liability representing its obligation to make lease payments.

The Corporation intends to adopt IFRS 16 in its financial statements for the annual period beginning on January 1, 2019. The extent of the impact of adoption of the standard has not yet been determined.

## **Financial Instruments and Other Risks**

The Corporation’s financial instruments consist of cash and cash equivalents, trade and other receivables, trade and other payables, accrued liabilities and obligations under finance leases. Management does not believe these financial instruments expose the Corporation to any significant interest, currency or credit risks. The fair market value of these financial instruments approximates their carrying values, unless otherwise noted.

In conducting its business, the principal risks and uncertainties faced by the Corporation relate primarily to exploration results and, to a lesser extent, metal and commodity prices. Exploration for minerals and development of mining operations involve many risks, many of which are outside the Corporation’s control. In addition to the normal and usual risks of exploration and mining, the Corporation works in remote locations that lack the benefit of infrastructure and easy access.

At this stage in the Corporation’s development, it relies on equity financing for its working capital and capital requirements to fund its exploration and development programs. Future equity financing could be



adversely or positively affected by many factors outside the Corporation's control such as market or commodity price changes, changes in the value of the Canadian dollar against the US dollar and/or the Mongolian Tugrik, general economic conditions, exploration results or political or economic changes in the jurisdictions in which the Corporation operates. The Corporation does not have sufficient funds to put any of its properties into commercial production from its current financial resources. There is no assurance that such financing will be available to the Corporation when required, or that it will be available on acceptable terms.

## **Outstanding Share Data**

### **Issued and Outstanding Share Capital**

In April 2016, the corporation closed a transaction with Sandstorm and issued 5 million shares at \$0.20 per share (see Royalty Agreement with Sandstorm Gold Ltd.), for gross proceeds of \$1,000,000.

On May 17, 2016, the Corporation issued 1,801,475 shares to retire a \$252,207 debenture due to Tian Poh Resources Ltd.

On June 3, 2016, the Corporation closed a private placement financing with Teck by issuing 1,063,830 shares at \$0.47 per share for gross proceeds of \$500,000.

The Corporation also issued shares on the exercise of warrants and options as outlined below.

To the date of this MD&A, the Corporation had 121,125,992 shares issued and outstanding.

### **Stock Options**

During 2016, to the date of this MD&A, 107,500 options with an average exercise price of \$1.04 expired.

In the six months ended June 30, 2016, the Corporation received \$31,400 on the exercise of 205,000 share purchase options at an average price of \$0.15.

On June 15, 2016, 2 million share purchase options were granted to certain officers, directors and employees of the Corporation. Each option is exercisable at \$0.36 per share until June 15, 2021.

On August 2, 2016 a total of 85,000 options with a weighted average exercise price of \$0.15 were exercised for gross proceeds of \$11,750.

As of the date of this MD&A, the Corporation had 7,651,250 outstanding stock options with a weighted average exercise price of \$0.21, all of which are exercisable.

### **Warrants**

In the six months ended June 30, 2016, the Corporation received \$1,433,722 on the exercise of 7,910,682 warrants with an average exercise price of \$0.18.

To the date of this MD&A, 5,655,664 warrants with a weighted average exercise price of \$0.19 were outstanding, all of which are exercisable.

### **Deferred Share Units**

For the six months ended June 30, 2016, the Corporation granted certain officers, directors and employees of the Corporation an aggregate of 211,370 DSUs at a weighted average price of \$0.27.

To the date of this MD&A, the Corporation had a balance of 3,116,560 DSUs outstanding.

## **Disclosure Controls and Internal Controls over Financial Reporting**

The Committee of Sponsoring Organizations of the Treadway Commission (COSO) released the updated *Internal Control–Integrated Framework* (2013 Framework) in May 2013. COSO announced that the 2013 Framework will supersede the original 1992 Framework. The Corporation has not yet adopted the new framework and used the 1992 Framework in 2015. The Corporation intends to adopt the new framework in the fiscal year ended December 31, 2016.

Management is responsible for the design and effectiveness of disclosure controls and procedures to provide reasonable assurance that material information related to the Corporation, including its consolidated subsidiaries, is made known to the Corporation's certifying officers. The Corporation's Chief Executive Officer and Chief Financial Officer have each evaluated the effectiveness of the Corporation's disclosure controls and procedures as at June 30, 2016 and have concluded that these controls and procedures are effective.

The Corporation's management, under the supervision of its Chief Executive Officer and Chief Financial Officer, is responsible for establishing and maintaining adequate internal control over financial reporting to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with IFRS. The CEO and CFO have concluded that internal controls over financial reporting were effective as of June 30, 2016.

There have been no material changes in the Corporation's internal control over financial reporting during the quarter ended June 30, 2016 that have materially affected, or are reasonably likely to materially affect, the Corporation's internal controls over financial reporting.

## **Qualified Person**

Michael A. MacDonald, P.Geo. (Nova Scotia) is a qualified person under NI 43-101 and supervises all of the Corporation's exploration programs. Samples are assayed at SGS Laboratory in Ulaanbaatar, Mongolia or Tianjin China, Central Geological Laboratory in Ulaanbaatar, Blue Coast Research Ltd in Parksville British Columbia, Canada, or ALS Chemex in Vancouver, Canada. In addition to internal checks by SGS Laboratory, Central Geological Laboratory and ALS Chemex, the Corporation incorporates a QA/QC sample protocol utilizing prepared standards and blanks.

The disclosure in this MD&A of scientific or technical information about mineral projects on the Corporation's properties has been reviewed by Michael A. MacDonald, P.Geo, who is not independent of the Corporation.

## **Other Information**

Additional information regarding the Corporation, including the Corporation's Annual Information Form, is available on SEDAR at [www.sedar.com](http://www.sedar.com) and on the Corporation's website at [www.erdene.com](http://www.erdene.com).