APPIA ENERGY CORP.

MANAGEMENT'S DISCUSSION AND ANALYSIS

For the three months ended December 31, 2015

APPIA ENERGY CORP.

Management's Discussion and Analysis – December 31, 2015 As of February 18, 2016

The following management's discussion and analysis ("MD&A") of the financial condition and results of operations of Appia Energy Corp. ("Appia" or the "Company") constitutes management's review of the factors that affected the Company's financial and operating performance for the three months ended December 31, 2015. The MD&A was prepared as of February 18, 2016 and should be read in conjunction with the unaudited condensed interim financial statements ("Financial Statements") of the Company for the three months ended December 31, 2015, and the audited financial statements for the year ended September 30, 2015, including the notes thereto. Unless otherwise stated, all amounts discussed herein are denominated in Canadian dollars. These Financial Statements of the Company have been prepared in accordance with International Financial Reporting Standards (IFRS) as described in Note 2 to the Financial Statements.

Executive Summary

Corporate

Appia is a Canadian mineral exploration company listed on the Canadian Securities Exchange under the trading symbol "API" and has a primary focus on Uranium and Rare Earth Elements. The Company holds an interest in 41,260 hectares (101,955 acres) in Saskatchewan, including a 100% interest in 33,570 hectares (82,953 acres) primarily in the Athabasca Basin as well as a 90% interest in 1,518 hectares (3,751 acres) and a 100% interest in 6,172 hectares (15,251 acres) in the Alces Lake area.

As set out in detail in note 2 to the Financial Statements, in 2015 the Company voluntarily changed its accounting policy for exploration and evaluation expenditures and retrospectively applied the change. Previously, the Company capitalized both the mineral property acquisition costs and deferred exploration and evaluation expenditures on the properties.

Under the new policy, only the original acquisition costs of exploration and evaluation properties are capitalized with all exploration and evaluation expenditures incurred prior to the establishment of technical feasibility and commercial viability of extracting mineral resources, and prior to a decision to proceed with mine development charged to operations as incurred.

Ontario

The National Instrument 43-101 ("NI 43-101") report on the Elliot Lake properties completed in 2013 incorporated a new concept of simultaneously mining a nine metre high underground zone, including the Upper Reef, the Rare Earth Elements ("REEs") in the Intermediate Quartzite Zone and the Lower Reef. With the REE content by weight being over six times the uranium content, the economic value of the mineralized zone has been greatly enhanced. A significant portion of the previously categorized Inferred Resources was upgraded to Indicated Resources, and additional resources were defined.

More work to expand the Resources at Teasdale and the preparation of a Preliminary Economic Analysis of the project will be contingent on an improved price for uranium and a clearer picture of supply and demand for REEs.

Saskatchewan

The Athabasca Basin of Saskatchewan is receiving a great deal of attention because of recent successful exploration results on uranium prospects by a number of companies. In September 2013, the Company discovered a new area of REE mineralization, plus uranium and thorium on claims south of Alces Lake. The zone is designated as the "Ivan Zone" and is located 125 metres northeast of the historical trenches. Outcrop and boulder train samples

recorded radioactivity levels in excess of 56,000 cps. Samples from the outcrops and boulder trains have been assayed and reflect moderate to highly anomalous rare earth elements. Total REEs in 12 samples range from 1.1% to 35.7% by weight. Details of the laboratory analyses for individual elements were reported in the Company's news release on the Ivan Zone on May 22, 2014.

The overall results have been very encouraging and subject to financing, the Company is planning further work on the claims, including an airborne survey of the Alces Lake claims.

Exploration and Evaluation Assets

Ontario Properties:

Appia holds over 13,008 hectares (32,143 acres) encompassing five mineralized zones in the Elliot Lake area of northern Ontario. The zones are called Teasdale, Banana Lake, Canuc, Bouck Lake and Buckles Lake. Since the inception of mining, the Elliot Lake area has produced over 300 M lbs. of U_3O_8 and is the only mining camp in Canada with significant historical commercial REE production.

Teasdale Lake Zone

The following two tables set out the resources reported in the NI 43-101 report entitled "Update Report on the Appia Energy Corp. Uranium-Rare Earth Property, Elliot Lake District, North-Central Ontario, Canada," by Watts Griffis and McOuat ("WGM") dated July 30, 2013 which has been filed on SEDAR (<u>www.sedar.com</u>). It should be noted that the contents for the rare earth components are for rare earth metals, whereas it has become more common to report the contents as equivalent rare earth oxides, which results in an average increase of approximately 46% for the oxides versus the metallic form.

		Teasuale					
Zone	Tonnes ('000)	Tons ('000)	TREE (lbs/ton)	U ₃ O ₈ (Ibs/ton)	Average Thickness (m)	Contained TREE ('000 lbs)	Contained U ₃ O ₈ ('000 lbs)
INDICATED F	INDICATED RESOURCES						
UR	6,733	7,422	4.20	0.484	4.61	31,199	3,593
IQ	3,006	3,314	1.98	0.259	2.27	6,578	0.857
LR	3,355	3,699	2.68	0.958	2.60	9,912	3,544
Total	13,095	14,435	3.30	0.554	9.48	47,689	7,995
INFERRED R	ESOURCES						
UR	18,326	20,201	3.87	0.421	4.33	78,080	8,498
IQ	10,209	11,254	1.64	0.184	2.78	18,464	2,070
LR	9,972	10,992	3.33	0.869	2.71	36,631	9,564
Total	38,507	42,447	3.14	0.474	9.82	133,175	20,115

Table 1
Summary of Teasdale Zone Uranium and Rare Earth Mineral Resource Estimate

Note: 1. Mineral Resources effective 30 July, 2013

- Mineral Resources are estimated at a cut-off value of \$100 per tonne, using a uranium price of US\$70/lb U₃O₈, a TREE price of \$78/kg, and a C\$:US\$ exchange rate of 1:0.9. TREE includes all the REE elements from lanthanum to lutetium plus yttrium.
- 3. Mineral Resources which are not Mineral Reserves do not have demonstrated economic viability. The estimate of Mineral Resources may be materially affected by environmental, permitting, legal, title, taxation, socio-political, marketing, or other relevant issues. There are no known specific problems at this date.
- 4. The quantity and grade of reported Inferred Resources in this estimation are uncertain in nature and there has been insufficient exploration to define these Inferred Resources as an Indicated or Measured Mineral Resource and it is uncertain if further exploration will result in upgrading them to an Indicated or Measured Mineral Resource category.
- 5. The Mineral Resources were estimated using the Canadian Institute of Mining, Metallurgy and Petroleum standards on Mineral Resources and Reserves, Definitions and Guidelines prepared by the CIM Standing Committee on Reserve Definitions and adopted by CIM Council December 11, 2005.
- 6. Specific Gravity of 2.85 tonnes/m³ (or 3.14 tons/m³) was used.
- 7. Indicated amounts may not precisely sum due to rounding.

7		Light REE (grams/tonne)			Heavy REE (grams/tonne)											
Zone	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Но	Er	Tm	Yb	Lu	Hf	Υ
INDICATED	INDICATED RESOURCES															
UR	540	951	93.9	313	51.7	1.9	32.8	3.9	17.2	2.7	7.0	0.9	5.5	0.8	6.8	72.9
IQ	256	452	44.9	148	24.4	1.0	14.7	1.8	7.7	1.2	3.1	0.4	2.5	0.4	3.6	30.6
LR	332	596	59.4	201	35.1	1.7	23.2	3.0	14.2	2.3	5.9	0.8	4.5	0.6	3.3	58.1
Average	422	745	73.8	247	41.1	1.7	26.2	3.2	14.3	2.3	5.8	0.8	4.6	0.7	5.2	59.4
INFERRED	INFERRED RESOURCES															
UR	498	876	85.9	285	47.2	1.8	29.3	3.5	15.9	2.5	6.5	0.9	5.3	0.8	6.8	67.9
IQ	213	374	37.0	122	20.0	0.8	12.3	1.4	6.4	1.0	2.6	0.4	2.2	0.3	3.3	26.5
LR	417	747	73.9	249	43.4	1.9	28.5	3.6	16.4	2.6	6.6	0.9	5.2	0.7	4.5	66.4
Average	401	709	69.9	232	39.0	1.6	24.6	3.0	13.5	2.1	5.5	0.7	4.4	0.6	5.3	56.5

Table 2
Individual REE Resource Grade Composition Summary

Historical Estimates

Table 3

1979 Historical U₃O₈ Estimates on Appia's Elliot Lake Properties

Zone	<u>Quantity</u> (tons)	<u>Grade</u> (Ibs U₃Oଃ/ton)	<u>Contained U₃O</u> 8 (lbs)
Teasdale Lake Zone	17,458,200	1.206	20,787,200
Buckles Zone	42,800,000	0.38	16,264,000
(Gemico Block #3)			
Bouck Zone	20,700,000	0.75	15,525,000
(Gemico Block #10)			
Banana Lake Zone	175,800,000	0.76	133,608,000
Canuc Zone	7,000,000	<u>1.86</u>	13,020,000
Total	263,758,200	0.76	199,204,200

The foregoing historical resources were not estimated in accordance with definitions and practices established for the estimation of Mineral Resources and Mineral Reserves by the Canadian Institute of Mining and Metallurgy. As such, the historical resources are not compliant with Canada's security rule NI 43-101, and are unreliable for investment decisions. Neither Appia nor its Qualified Persons have done sufficient work to classify the historical resources as mineral resources under current mineral resource terminology and are not treating the historical

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resources as current mineral resources. Nevertheless, most of the historical resources were estimated by mining companies active in the Elliot Lake camp using assumptions, methods and practices that were accepted at the time, and based on corroborative mining experience.

Banana Lake Zone

Based on drilling by Appia during 2007, a subsequent Mineral Resource estimate for the Banana Lake Zone was prepared in 2011 by WGM in accordance with the provisions of NI 43-101. Some of Appia's drilling included holes that were wedged from historical drill holes that Appia re-entered. This resource, first reported in Workman and Breede (2011), is summarized in Table 4. A single hole drilled in 2012 to 1,647 metres did not encounter the typical geological formation with assays returning no significant values of U_3O_8 , thorium or REEs. WGM, however, is of the belief that this hole did not materially impact the potential for additional resources in the Banana Lake Zone.

Summary of Banana Lake Zone Mineral Resource Estimate						
Category	Tons ('000)	Specific Gravity (tons/m³)	lbs. U₃Oଃ/ton	Total lbs U ₃ O ₈ ('000)		
Inferred Resources	30,315	3.14	0.912	27,638		

. Table 4 Summary of Banana Lake Zone Mineral Resource Estimate

Notes: 1. Effective, 1 April, 2011

2. Mineral Resources which are not Mineral Reserves do not have demonstrated economic viability. The estimate of Mineral Resources may be materially affected by environmental, permitting, legal, title, taxation, socio-political, marketing, or other relevant issues.

- The quantity and grade of reported Inferred Resources in this estimation are uncertain in nature and there has been insufficient exploration to define these Inferred Resources as an Indicated or Measured Mineral Resource and it is uncertain if further exploration will result in upgrading them to an Indicated or Measured Mineral Resource category.
- 4. The Mineral Resources were estimated using the Canadian Institute of Mining, Metallurgy and Petroleum standards on Mineral Resources and Reserves, Definitions and Guidelines prepared by the CIM Standing Committee on Reserve Definitions and adopted by CIM Council December 11, 2005.
- 5. A cut-off grade of 0.6 lb. U_3O_8 was used
- 6. Specific Gravity of 2.85 tonnes/m³ (or 3.14 tons/m³) was used.
- 7. Indicated amounts may not precisely sum due to rounding.

Summary:

The Company is considering the next stage of the Teasdale exploration and evaluation. The longer-term outlook for uranium prices is positive and the successful recovery of the REEs, particularly the heavy elements of the total rare earths encountered, is very encouraging. Factors favourable for the project include the following:

- new mine infrastructure development would be in brownfield areas already disturbed by industrial and mining activity;
- water, electrical, transportation and communications infrastructure is in place or close at hand;
- the recovery of uranium from Elliot Lake ore is well known. Based on Teasdale Lake test results, the recovery of REEs appears to face no significant technical uncertainties;
- Appia is not responsible in any manner for potential future environmental impacts arising out of historical mining operations or waste disposal; and,
- The Cameco uranium refinery is located approximately 50 km away, near Blind River.

Saskatchewan Properties:

Beginning in fiscal 2011, the Company participated in staking properties in Saskatchewan.

The Company now holds total of 37,614 hectares (92,906 acres) in Saskatchewan, including a 100% interest in 36,096 hectares (89,155 acres) as well as a 90% interest in 1,518 hectares (3,751 acres).

In 2010, the Saskatchewan Geological Survey visited the Alces Lake area where a trenching program had been carried out at an earlier date, with 13 rock sample assays showing a significant presence of REEs, reaching as high as 29.8% total REEs and anomalous levels of uranium and thorium.

In 2011, the Company visited the site and recorded radioactivity levels over 15 boulder and outcrop samples in a range of 5,500 cps to 53,500 cps, with thorium levels off scale for the spectrometer. Assays on five samples reflected favourably on the 2010 REE findings.

In September 2013, the Company discovered a new area of REE mineralization, plus uranium and thorium on claims south of Alces Lake. The zone is designated as the "Ivan Zone" and is located 125 metres northeast of the historical trenches. Outcrop and boulder train samples recorded radioactivity levels in excess of 56,000 cps. Samples from the outcrops and boulder trains have been assayed and reflect moderate to highly anomalous rare earth elements. Total REEs in 12 samples range from 1.1% to 35.7% by weight. Details of the laboratory analyses for individual elements were reported in the Company's news release on the Ivan Zone on May 22, 2014.

The overall results have been very encouraging and the Company recognizes the importance of doing further work on the claims, including an airborne survey of the Alces Lake claims.

Outlook

The drilling at the Teasdale Zone of Elliot Lake and the change in the proposed mine plan resulted in very significant quantities of REEs being reported, with a large increase in the Indicated category and an overall increase in the Indicated and Inferred Resources. The preliminary metallurgical test recovery of 90% for uranium and 80% to 90% for most REEs is very encouraging. There have been significant developments in the separation of individual REEs from the composite ore which suggests that these test results can be improved upon.

More work to expand the Resources at Teasdale and the preparation of a Preliminary Economic Analysis of the project will be contingent on an improved price for uranium and a clearer picture of supply and demand for REEs.

The results from the exploration work carried out at Alces Lake, Saskatchewan suggest that follow-up work is highly desirable.

The tsunami in Japan resulted in the shut-down of all of its 48 nuclear reactors. Five reactors in total have been cleared for restart. China has 24 new reactors under construction and has plans or proposals for a further 179 reactors, which should increase demand for uranium, but the stockpiled material in Japan will take some time to be consumed.

The Province of Ontario has confirmed that it will extend the life of the Bruce nuclear facility by 20 years. Bruce is the world's largest operating nuclear facility with eight operating reactors providing 30% of the Province's electricity requirements. The Darlington plant is also being re-lifed and currently provides an additional 20% of Ontario's electricity.

The United Nations climate agreement, as well as severe air pollution issues in China are factors in favour of more nuclear power production.

The spot price of uranium oxide was recently reported to be US\$36 per pound, with deliveries of uranium under long-term contracts reported at US\$46.

Japan is becoming more aggressive in a search for a supply of rare earths from locations other than China.

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Appia will monitor financial market conditions, and if possible, complete a financing and/or seek a joint venture partner to advance the exploration and development activities on its Elliot Lake and Saskatchewan properties.

Results of Operations

Exploration and evaluation costs for the three months ended December 31, 2015 were \$6,346 from \$4,400 in the previous year period. A \$21,209 Saskatchewan provincial refund was received for fees paid in lieu of exploration work in 2015, in recognition of the inaccessibility of the properties due to forest fires during the summer. Total general and administrative expenses for the three months ended December 31, 2015 were \$47,667 compared to \$60,133 in the same period in 2014. The decreases in professional fees to \$4,762 (2014 - \$9,302), management fees and salaries to \$28,688 (2014 - \$31,900), and non-cash share-based compensation to \$nil (2014 - \$4,759) account for most of the difference. The Company continues to cut administrative costs where possible.

Interest income was \$1,123 for the three months ended December 31, 2015, compared to \$2,381 for 2014 due to decreased cash balances held during the year.

The Company's net loss and comprehensive loss was \$31,680 for the three months ended December 31, 2015 compared with \$62,152 in 2014.

2015	Dec 31, 2015	Sep 30, 2015	Jun 30, 2015	Mar 31, 2015
	\$	\$	\$	\$
Net loss and comprehensive loss	(31,680)	(45,941)	(49,328)	(73,121)
Net loss per share – basic and diluted	(0.00)	(0.00)	(0.00)	(0.00)
Total assets	1,451,420	1,450,813	1,478,181	1,505,667
2014	Dec 31, 2014	Sep 30, 2014	Jun 30, 2014	Mar 31, 2014
	\$	\$	\$	\$
Net loss and comprehensive loss	(62,151)	(49,443)	(90,736)	(151,128)
Net loss per share – basic and diluted	(0.00)	(0.00)	(0.00)	(0.00)
Total assets	1,545,476	1,600,839	1,625,470	1,647,503

Selected Quarterly Information – Restated as outlined in Note 3 to the Financial Statements

Capital Resources and Liquidity

At December 31, 2015, the Company had working capital of \$81,187 (after providing for \$531,082 owing to related parties) compared to \$112,867 as at September 30, 2015 and approximately \$70,000 at February 18, 2016. The Company has no operating revenue and has historically been funded with equity based private placements. The Company's exploration plans are contingent on raising capital resources. The Company has sufficient financial resources to continue operation through the next twelve months. Cash operating costs are currently approximately \$7,000 per month.

The Company's ability to meet its obligations and continue as a going concern continues to be dependent on the ability to identify and complete future financings. While the Company has been successful in raising financings to date, there can be no assurance that it will be able to do so in the future.

Common Share Data

The Company is authorized to issue an unlimited number of no par value common shares. The number of common shares issued as at December 31, 2015 and September 30, 2015 was 41,616,078.

Common share purchase stock options

The Company has a stock option plan for the benefit of directors, officers and consultants. The total number of shares which may be reserved and set aside for issuance to eligible persons may not exceed 10% of the issued and outstanding common shares.

As at December 31, 2015, 2,600,000 common shares were reserved for the exercise of stock options granted under the Company's stock option plan (the "Plan") and exercisable at December 31.

Number of stock options	Number exercisable	Remaining contractual life	Exercise price per share	Expiry date
1,000,000	1,000,000	1.6 months	\$1.25	February 17, 2016
400,000 400,000	400,000 400,000	3 months 13.0 months	\$1.25 \$1.25	March 31, 2016 February 1, 2017
400,000 400,000	400,000 400,000	27.3 months 38.8 months	\$1.25 \$1.25	April 9, 2018 March 25, 2019
2,600,000	2,600,000			

As at December 31, 2015 and February xxx, 2016 the Company had 41,616,078 common shares and 2,600,000 stock options outstanding for a fully diluted number of common shares that could be outstanding of 44,216,078.

Related Party Transactions

During the three months ended December 31, 2015, the Company incurred related party expenses of \$25,688 (2014 – \$29,400). These expenses related to management fees paid or payable to key management personnel; Tom Drivas, Chief Executive Officer, Frank van de Water, Chief Operating Officer and Michael D'Amico, Chief Financial Officer, and office administration services paid to Romios Gold Resources Inc., a company with a number of common directors and officers. The amount charged for office administration services is included under office and general expenses. As at December 31, 2015, \$3,489 (2014 - \$nil) was due and payable to these related parties.

At December 31, 2015, \$493,306 (2014 - \$433,306) of accumulated related party expenditures is due and outstanding to Tom Drivas.

Share-based compensation to key management and directors for the three months ended December 31, 2015 was \$nil (2014 - \$4,759).

During the three months ended December 31, 2015, the Company incurred expenses of \$6,000 (2014 – \$5,500) related to directors' fees to independent directors. At December 31, 2015, \$33,000 (2014 - \$16,500) was outstanding.

Key management personnel were not paid post-retirement benefits, termination benefits, or other long-term benefits during the three months ended December 31, 2015 and 2014.

During the three months ended December 31, 2015, the Company incurred expenses of \$1,288 (2014 - \$1,677) for legal fees to a law firm related to a director of the Company, William R. Johnstone. At December 31, 2015 \$1,288 (2014 - \$1,677) was payable to this related party.

As disclosed in Note 6 of the financial statements, the Company's major exploration property was acquired from a related party.

Carrying value of exploration and evaluation assets

The Company regularly reviews the carrying value of its exploration and evaluation assets for impairment to determine whether the acquisition cost of these properties will be recoverable from future cash flows or from their disposition. Assumptions underlying the cash flow estimates include the forecasted prices for uranium and rare earth elements, production levels, and operating, capital, exploration and reclamation costs, which are subject to risks and uncertainties. Management has determined that as at December 31, 2015, there is no impairment of the carrying value of its Ontario and Saskatchewan properties.

Off-Balance Sheet Arrangements

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

Financial Instruments and Other Instruments

The Company is required to disclose information about the fair value of its financial assets and liabilities. Fair value estimates are made at the balance sheet dates, based on relevant market information and information about the financial instrument. These estimates are subjective in nature and involve uncertainties in significant matters of judgment and therefore cannot be determined with precision. Changes in assumptions could significantly affect these estimates.

The Company's financial instruments recognized in the balance sheet consist of cash, and cash equivalents, HST/GST receivable and current liabilities. The fair value of these financial instruments approximate their carrying value due to the short maturity or current market rate associated with these instruments.

Risk Factors

An investment in the Company's securities is highly speculative and involves numerous and significant risks and should be undertaken only by investors whose financial resources are sufficient to enable them to assume these risks and who have no need for immediate liquidity in their investment. Prospective investors should carefully consider the risk factors that have affected, and which in the future are reasonably expected to affect the Company and its financial position. Please refer to the "Risk Factors" section the Company's MD&A for the fiscal year ended September 30, 2015, available on SEDAR at www.sedar.com.

Special Note Regarding Forward-Looking Statements

Certain statements in this MD&A may constitute "forward-looking" statements which involve known and unknown risks, uncertainties and other factors which may cause the actual results to differ materially from the statements made. When used in this report, the words "estimate", "believe", "anticipate", "intend", "expect", "plan", "may", "should", and "will", are intended to identify forward-looking statements, and reflect the current expectations of the management of the Company with respect to future events, and are subject to risks and uncertainties, such as reduced funding and general economic and market factors. New risk factors may arise from time to time and it is not possible for management of the Company to predict all of those risk factors or the extent to which any factor or combination of factors may cause actual results, performance or achievements of the Company to be materially different from those expressed or implied in such forward-looking statements. Investors should not place undue reliance on forward-looking statements as a prediction of actual results. The Company does not undertake or assume any obligation to update these forward-looking statements to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events, except as required by law.

Additional Information

- (1) Additional information may be found on the Company's website at <u>www.appiaenergy.ca</u>.
- (2) The technical information included in this MD&A regarding the Elliott Lake properties has been reviewed and approved by Al Workman, P.Geo. Senior Geologist, Watts, Griffis and McOuat Ltd., a Qualified Person in accordance with the Canadian regulatory requirements as set out in NI 43-101.