

UCORE RARE METALS INC.
MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE PERIOD ENDED JUNE 30, 2015

This Management's Discussion and Analysis of Ucore Rare Metals Inc. ("Ucore" or the "Company"), prepared as of August 31, 2015, provides analysis of the Company's financial results for the period ended June 30, 2015. The following information should be read in conjunction with the unaudited financial statements and notes thereto for the period ended June 30, 2015 which are prepared in accordance with International Financial Reporting Standards. All amounts are expressed in Canadian dollars unless otherwise noted.

This discussion includes certain statements that may be deemed "forward-looking statements". All statements in this discussion, other than statements of historical facts, that address anticipated operating costs, possible future resource property expenditures, reserve potential, exploration drilling, exploitation activities and events or developments that the Company expects, are considered forward-looking because we have used what we know and expect today to make a statement about the future. Although the Company 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. Forward-looking statements usually include words such as may, expect, plan, anticipate, budget, believe or similar words. Factors that could cause actual results to differ materially from those in forward-looking statements include market prices, exploitation and exploration successes, continued availability of capital and financing and general economic, market or business conditions. Additional details of the specific risks associated with the operations of the Company and such forward-looking statements are set out below under "Risks and Uncertainties". Investors are cautioned that any such statements are not guarantees of future performance and that actual results or developments may differ materially from those projected in the forward-looking statements.

Overview

Ucore Rare Metals Inc. is a junior exploration and technology company listed on the TSX Venture Exchange (the "Exchange"). Ucore's corporate strategy is to build shareholder value through the exploration and development of economically viable rare earth element ("REE") properties and the processing of third party concentrates using Molecular Recognition separation technology ("MRT"). Ucore is currently focusing its exploration activities on its Bokan Mountain/Dotson Ridge property in Alaska, while exploring various options for advancement of its other properties. In addition, Ucore is continuing to develop the MRT technology and pursuing potential customers for this business line.

On November 28, 2012, the Company released a preliminary economic assessment, prepared by Tetra Tech on the Bokan property, which estimated an NPV of \$577 million at a 10% discount rate and an IRR of 43%. Further details of the assessment are disclosed below.

On February 18, 2014, Alaska Senator Bert Stedman (AK-R) presented an Amendment to Alaska Senate Bill No. 99 ("SB99" or "the Bill"), originated by Alaska State Senator Lesil McGuire (AK-R) in 2013. The amended Bill would give the Alaska Industrial Development and Export Authority ("AIDEA") the authority to issue long term bonds to finance the infrastructure and construction costs of the Bokan-Dotson Ridge rare earth project up to a Principal Amount of \$145,000,000 subject to its own board approval and due diligence. SB 99 passed through the Alaska State Senate in a unanimous vote, with all 20 senators voting in favor of the Bill. On April 28, 2014, SB 99 passed the Alaska State Legislature in a unanimous vote with all 38 representatives in attendance voting in favor of the bill. AIDEA will undertake its due diligence subsequent to the completion by the Company of a feasibility study on the Bokan-Dotson Ridge property.

On March 2, 2015 the Company announced that it had used MRT to successfully separate each of the rare earth elements at high purity. The rare earth carbonates were produced from a pregnant leach solution derived from Bokan Dotson-Ridge feedstock. Each rare earth element was separated to a purity level exceeding 99%. The

separation procedure, employing a customized SuperLig® hydrometallurgical process, was accomplished across the entire lanthanide suite, from lanthanum (La) to lutetium (Lu), inclusive, plus yttrium (Y) and scandium (Sc).

On March 3, 2015 the Company announced that it had entered into an agreement with IBC Advanced Technologies to acquire the exclusive rights to IBC's Superlig® MRT for rare earth separation and recycling applications, in addition to tailings processing applications. Under the terms of the agreement, the Company has agreed to pay a one-time licensing fee to IBC in the amount of \$2.9 million. The payment is subject to the delivery by IBC of a fully operational rare earth pilot plant and due diligence review by the Company. Upon satisfactory completion of the foregoing terms and conditions, at the Company's discretion, the parties agree to constitute a joint venture for the purpose of marketing and purveying Superlig® products and services. The joint venture will utilize IBC's proprietary technology on a royalty free basis for rare earth processing, recycling application, and tailings processing. The Company will have up to a 60% controlling interest in the joint venture and IBC will retain a 40% beneficial interest.

On May 11, 2015 the Company announced that it had upgraded the Bokan Dotson Ridge resource using the data from the 2014 drilling program. The details of this upgrade are discussed in more detail in the *Resource Property Interests* section.

On May 20, 2015 the Company entered into an agreement in which \$4,000,000 USD was raised through the sale of a royalty on the future sale of products and services related to the processing of rare earth elements and other specialty metals and critical materials utilizing the SuperLig® MRT process. This royalty is convertible into common shares under certain conditions. For more information see the *Liquidity and Capital Resources* section.

Until a decision is made to proceed with the commercial development of one of its properties or revenue is generated through third party MRT installations, the annual level of exploration and development expenditures of the Company is dependent on the Company's ability to either raise capital through the sale of shares or other forms of financing to continue to finance its exploration programs.

Resource Property Interests

Ucore's primary resource property focus for the first two quarters of 2014 has been, and continues to be the Bokan-Dotson Ridge REE property in Alaska, where the Company has incurred the majority of its exploration expenditures for the past several years. Ucore's strategy continues to be, to the extent possible, to progress its properties, to seek strategic opportunities for the advancement of its properties or to release the properties. A detailed schedule of the Company's deferred exploration costs for the three and six month periods ended June 30, 2015 is included in Schedule "A". and "B" respectively.

Bokan-Dotson Ridge, Alaska

In 2006, the Company acquired the right to the Bokan Mountain property through five separate option agreements to acquire a 100% interest in a parcel of unpatented mineral claims from underlying owners and through staking a 100% interest in an additional parcel of prospective ground. The option agreements provide for the Company to acquire a 100% interest in the optioned claims in exchange for total remaining payments of US\$90,000. The five vendors will retain Net Smelter Royalties ("NSR") ranging from 2% to 4% on their specific claims. The Company has the right to purchase between 33% and 100% of the NSR for cash payments of US\$500,000 to US\$1,000,000 per vendor.

On November 28, 2012, the Company reported the results of the Preliminary Economic Assessment ("PEA") completed by Tetra Tech of Vancouver, BC, regarding the Dotson Ridge Zone of the Company's Bokan Mountain heavy rare earth property in Southeast Alaska.

Highlights of the PEA Include:

- **Net Present Value (NPV):** \$577M at a 10% discount rate, pre-tax.

- **Internal Rate of Return (IRR):** 43%.
- **Payback Period:** 2.3 years.
- **Capital Cost:** \$221M, including a complete on-site rare earth oxide (“REO”) separation plant, and a contingency provision in the amount of \$25M. Among the lowest capital outlays in the rare earth mining sector.
- **Mining Rate:** 1,500 tonnes per day (“TPD”), 75% of mill feed is eliminated via the use of Dual Energy X-Ray Transmission (“DEXRT”) sorting and magnetic separation, netting approximately 375 TPD to feed the leach circuit.
- **Average Total Rare Earth Recoveries:** 81.6%
- **Production of REOs at site:** Deployment of Solid Phase Extraction (“SPE”) technology to generate high purity individual rare earth oxides at the site.
- **REO Production:** Averaging 2,250 tonnes per year (“TPY”) during the first five years at full production, including 95 tonnes of dysprosium oxide, 14 tonnes of terbium oxide, and 515 tonnes of yttrium oxide.
- **Mine Life:** 11 years, based on existing Inferred Mineral Resource Estimate (April 21, 2011), excluding highly prospective expansion at depth, along strike, and other exploration targets at the I&L Zone and beyond.
- **Direct Employment:** 170 employees.
- **Ease of Shipping Access:** Only rare earth project with immediate deep water shipping facilities, resulting in prospective mine-mouth shipping rates among the lowest in the industry.
- **Elimination of Tailings on Surface at Closure:** Only known mine to eliminate tailings on surface at closure. All tailings will be placed underground via cemented paste backfill. The processing plant will generate approximately 735 TPD of tailings, significantly less than the mine requirement of approximately 1,030 TPD backfill.
- **Recycling of Nitric Acid:** Nitric acid that is not consumed in the leach circuit will be recycled through the use of diffusion dialysis, greatly reducing acid consumption by more than 75%, resulting in significant financial and environmental benefits.
- **Near Term, High Value Production:** Relative high percentage of rare earth metals strategically critical to the US defense, clean energy, aerospace, supercomputing and transportation sectors: including Tb, Dy and Y.
- **Excellent Geopolitical Support:** Offset of completion risk through strong legislative and financial support at state and federal levels.

Overview of Bokan Project and PEA

Ucore’s Bokan Mountain project is located on Prince of Wales Island, Alaska, approximately 60 km southwest of Ketchikan, Alaska and 140 km northwest of Prince Rupert, British Columbia, with direct ocean access to the western seaboard and the Pacific Rim. The project is situated in the Tongass National Forest, within an area set aside for natural resource development.

The PEA has been completed based on the Inferred Resource Estimate Technical Report filed on April 21st, 2011 by Ucore, with the exclusion of the I&L Zone. The resource was estimated by R. J. Robinson of Aurora Geosciences. The resource incorporated into the current mine plan totals 5.3 million tonnes, with an average grade of 0.65% total rare earth oxides (“TREO”), at a cut-off grade of 0.4% TREO. Of the TREO, approximately 40% are comprised of heavy rare earth oxides. A summary of the operating assumptions and financial model for the project is as follows:

Item	Units	Year 1	Year 2	Annual for balance of mine life
Tonnes Mined	Mt	198,000	470,900	540,000
Tonnes Processed	Mt	198,000	470,900	540,000
Mined Grade TREO		0.416%	0.511%	0.473%
Recovery		81.6%	81.6%	81.6%

	(million \$US)
Total Revenue	\$2,546
Initial Capital Expenditure	\$221
Sustaining Capital	\$145
Total Before-Tax Cash Flow (undiscounted)	\$1,516
Before-tax NPV @ 8%	\$697
Before-tax NPV @ 10%	\$577
Before-tax NPV @ 12%	\$478
Before tax IRR (%)	43%

Geology

The Dotson Ridge deposit is a well delineated REE mineralized vein-dike system related to the Mesozoic Bokan peralkaline granitic complex. The mineralized system is a tabular body exposed at the surface for a strike length of 3.5 km. The deposit was drilled to a depth of 450 m, and remains open both along strike and at depth. The system outcrops along the ridge so that it is readily accessible for drilling and bulk sampling. The REE-bearing veins can be visually identified from the surrounding host rock and the material is amenable to DEXRT sorting, as noted below. An existing road network provides access to all main target areas. There are a number of other occurrences of REE mineralization located within, or at the margins of the Bokan complex which remain highly prospective exploration targets.

Proposed Mining Plan

The underground mine design was completed by Stantec of Tempe, AZ. The design contemplates trackless mining with adit access and blasthole stoping with paste backfill as the preferred mining method for the project. This mining approach will result in a production rate of 1,500 tonnes per day, at a 0.4% TREO cut-off grade.

The mine plan proposes the use of mill tailings as cemented paste backfill to fill the mined out areas of the underground workings. At full production, the mill will produce approximately 735 TPD of tailings and the mine will require 1,030 TPD of backfill. This will result in all tailings being placed underground as backfill, thereby eliminating the need for a tailings facility at surface upon mine closure. Waste rock will be utilized for the remainder of the backfill.

Proposed Beneficiation and Processing Plan

The proposed processing flow sheet consists of three areas: physical beneficiation, leaching and downstream REO separation.

i) Physical Beneficiation

The mine will produce 1,500 TPD of mineralized material which will be crushed and split into four size ranges. The fines will by-pass the sorters and each of the other size ranges will feed one of three sorters utilizing dual energy x-ray transmission. This circuit will reject approximately 50% of the feed as waste. The concentrated mineralized material will then be further crushed and ground in a rod mill. The resultant material will be processed by magnetic separators, which will reject a further 50% of their feed as waste.

In total, approximately 75% of non-REE bearing material will be discarded through the physical beneficiation process. The remaining 375 TPD of concentrated mineralized material is further ground to -40 um and then fed to the leaching circuit.

The physical beneficiation circuit results in significant savings in terms of initial capital expenditure and ongoing operating costs, due to reduced power and acid consumption during the leaching and separation process.

ii) Leaching Circuit

The leaching circuit consists of a nitric acid leach process. The concentrated mineralized material is leached utilizing nitric acid heated to a temperature of 90° C. The resultant slurry is filtered, with solids then submitted to the backfill plant to be placed underground as cemented paste backfill. Prior to the pregnant solution continuing on to the separation circuit it is treated by diffusion dialysis in order to recover the unconsumed nitric acid. The recovered acid is then recycled into the leach circuit, resulting in significant operating cost savings.

iii) REO Separation Circuit

The separation of individual rare earth oxides is achieved through the use of Solid Phase Extraction, a technology developed by IntelliMet LLC of Montana, in conjunction with Ucore. The pregnant leach solution generated by the nitric acid leach is introduced into a series of purpose-built SPE columns. The first stage of this process removes nuisance materials such as thorium, uranium, and iron from the solution. A subsequent series of columns then separates the rare earths into the following lanthanide sub-classes, Ce-La; Pr-Nd; Y; Sm-Eu-Gd; Tb-Dy; and Ho-Er-Tm-Yb-Lu. The final circuit of columns then separates the subclasses into individual rare earth chlorides, which can then be precipitated to generate individual purified rare earth oxides.

The SPE process produces chemical transfers of selective elements from the pregnant solution to a solid phase within a matter of seconds, giving the columns the capacity to process a large volume of solution in relatively small flow-through extraction units. The result is a relatively low initial capital cost for the SPE circuits. Waste products from the separation process will be returned underground as part of the cemented backfill.

Capital Cost Estimate

Initial capital cost estimates for the project are as follows:

Item	Total Cost (million \$US)
Direct Capital Cost	
Site development	6.1
Mine underground	18.9

Mine surface facilities	23.8
Process	62.9
Tailings and waste rock management	10.1
Utilities	3.4
Buildings	3.0
Temporary facilities	5.2
Plant mobile equipment & misc.	1.4
Subtotal	134.7
Indirect Capital Cost	
Indirect construction costs	51.1
Owner's costs	10.9
Contingency	24.5
Subtotal	86.5
Total Capital Cost	221.3

Initial capital costs include all costs required to bring the facility to production. The ongoing sustaining capital costs are estimated to be \$145M over the 11 year mine life.

Operating Cost Estimate

Item	Average Unit Cost (\$US/t mined)
Mining	41.69
Processing	54.83
G&A	13.56
Power	11.78
Misc.	0.93
Total Operating Cost	122.78

REE Pricing Considerations

In developing rare earth pricing assumptions, a number of sources were considered by both Ucore and Tetra Tech. Price forecasts generated by analysts and Ucore's rare earth peer group vary widely. In selecting pricing assumptions, efforts were made to incorporate assumptions that were independent, supportable, and conservative. As a result, Tetra Tech has used a three-year trailing average of China FOB prices from October, 2009 to October, 2012 to establish prices for the rare earth oxides, except Ho, Lu, Yb & Er oxides, where two-year trailing averages were used due to limited Chinese market data. These prices are displayed in "Scenario 1" below. The Company also considered the impact of pricing REO's based on a 6-month trailing average and a 3-month trailing average. These results are displayed in "Scenario 2" and "Scenario 3" below, respectively.

	Pricing Scenario 1 3-Year trailing average	Pricing Scenario 2 6-Month trailing average	Pricing Scenario 3 3-Month trailing average
REO	\$US/kg	\$US/kg	\$US/kg
La ₂ O ₃	48.69	20.85	18.42
Ce ₂ O ₃	47.21	21.38	19.23
Pr ₂ O ₃	113.10	110.00	103.08
Nd ₂ O ₃	126.70	108.96	101.58
Sm ₂ O ₃	57.74	71.79	61.42
Eu ₂ O ₃	1,834.94	2,185.00	2010.00
Gd ₂ O ₃	81.70	99.42	96.35
Tb ₂ O ₃	1,520.83	1,907.12	1,840.38
Dy ₂ O ₃	845.80	1,009.42	948.08
Ho ₂ O ₃	211.39	107.25	107.05
Er ₂ O ₃	88.20	153.61	140.08
Tm ₂ O ₃	N/A	N/A	N/A
Yb ₂ O ₃	102.79	124.07	110.51
Lu ₂ O ₃	1,036.40	1,420.79	1,427.56
Y ₂ O ₃	80.41	100.75	85.12
NPV @ 10% Discount	\$577M	\$620M	\$513M

Economic Analysis and Sensitivity Analysis

The economic analysis was based on the mineral resource estimate filed by Ucore in April of 2011, totalling 5.3 million tonnes at an average grade of 0.65% TREO in the Inferred category. This resource is adequate to allow for an 11 year mine life, based on current mining assumptions including a mining rate of 1,500 TPD. TREO recoveries are expected to average 81.6%.

These assumptions, together with capital cost and operating cost estimates noted above, result in a before tax NPV, at a 10% discount rate, of \$577 million. The payback period for the project is 2.3 years from the start of production. The project generates a pre-tax IRR of 43%.

A sensitivity analysis was performed, to test the impact of changes to several key assumptions included in the economic model, with the following results:

Changes to selling price of REOs	NPV at 10%, \$US million	IRR, %
Increase of 20%	802	52%
Increase of 10%	690	47%
Base Case	577	43%
Decrease of 10%	464	38%
Decrease of 20%	352	33%

Changes in operating costs	NPV at 10%, \$ US million	IRR, %
Increase of 20%	519	40%
Increase of 10%	548	42%
Base Case	577	43%
Decrease of 10%	606	44%
Decrease of 20%	635	45%

Change in initial capital expenditure	NPV at 10%, \$ US million	IRR, %
Increase of 20%	526	37%
Increase of 10%	552	40%
Base Case	577	43%
Decrease of 10%	602	46%
Decrease of 20%	627	51%

Environmental Assessment

Ucore is currently conducting environmental baseline studies to prepare for the forthcoming permitting process at the Dotson Ridge Project. The project plan is being developed in consultation with local stakeholders as well as state and federal regulators. A Plan of Operations, which will be based upon engineered facility designs advanced from the concepts presented in the PEA, will be submitted to the US Forest Service to initiate a National Environmental Policy Act review. Permitting advantages for the project include the elimination of a permanent surface tailings storage facility, due to the use of x-ray sorting technology, which will allow for 100% of the mill tailings to be placed in mined out areas underground as cemented paste backfill. The study includes cost estimates for site water management and treatment.

Qualified Persons

The technical disclosures in this document have been reviewed and approved by Kenneth W. Collison, P. Eng. a consultant to and COO of Ucore.

Cautionary Notes

Please note that the PEA is preliminary in nature, that it includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the PEA will be realized. Mineral resources that are not mineral reserves do not have demonstrated economic viability.

Overview of the May 2015 Bokan Resource Upgrade

On May 11, 2015, the Company announced an upgraded resource estimate for the Bokan property, which was prepared by Aurora Geosciences (Alaska) Ltd.

An additional 1.043 million tonnes of newly estimated Inferred mineralization grading 0.604% TREO at a cut-off grade of 0.40% TREO has now been added to the total Resource at Bokan, as a result of deeper exploratory drilling during the 2014 field season. Further, more than 98% of the previously established Resource has now been upgraded to the fully Indicated category under NI 43-101 standards by way of supplemental infill drilling. The previously announced Resource, consisting of 2.936 million tonnes in the Indicated category and 1.995

million tonnes in the Inferred category under NI 43-101 standards at the same cut-off grade, was announced by Ucore in a press release dated Oct. 21, 2013.

A summary of the upgraded mineral resource is as follows:

Indicated Mineral Resource Estimate

TREO CUT-OFF	TONNES	LREO (%)	HREO (%)	TREO (%)	Contained TREO (lbs)
.20	5,786,500	0.331	0.221	0.552	70,418,800
.30	5,411,900	0.345	0.228	0.573	68,365,700
.40	4,787,900	0.363	0.239	0.602	63,544,100
.50	3,532,900	0.395	0.258	0.653	50,860,200
.60	2,110,100	0.440	0.285	0.725	33,726,800

Inferred Mineral Resource Estimate

TREO CUT-OFF	TONNES	LREO (%)	HREO (%)	TREO (%)	Contained TREO (lbs)
.20	1,201,100	0.343	0.224	0.567	14,934,500
.30	1,136,400	0.355	0.230	0.584	14,631,100
.40	1,050,000	0.365	0.237	0.603	13,958,600
.50	820,400	0.389	0.255	0.645	11,665,900
.60	507,300	0.421	0.286	0.707	7,907,100

Notes:

1. Total Rare Earth Oxides (TREO) includes: La₂O₃, Ce₂O₃, Pr₂O₃, Nd₂O₃, Sm₂O₃, Eu₂O₃, Gd₂O₃, Tb₂O₃, Dy₂O₃, Ho₂O₃, Er₂O₃, Tm₂O₃, Yb₂O₃, Lu₂O₃, Y₂O₃
2. Heavy Rare Earth Oxides (HREO) includes: Eu₂O₃, Gd₂O₃, Tb₂O₃, Dy₂O₃, Ho₂O₃, Er₂O₃, Tm₂O₃, Yb₂O₃, Lu₂O₃, Y₂O₃
3. The mineral resource estimate was completed by Mr. Jim Robinson, a Senior Consulting Geologist at Aurora. Mr. Robinson is an independent qualified person for the purposes of NI 43-101 standards of disclosure for mineral projects of the Canadian Securities Administrators and has verified the data.
4. The resource estimate is based on:
 - A database of 97 diamond drill holes totaling 20,000 m and 56 surface channels totaling 200 m. This diamond drilling and channel sampling was completed by Ucore in 2008, 2009, 2010, 2011 and 2014 on the Dotson Ridge zone
 - All geochemical analyses were performed by ALS Chemex, Eco-tech Laboratories Ltd., Bureau Veritas (ACME Analytical) and Activation Laboratories.

- The specific gravity (SG) used is the overall mean of 2.77, determined from 141 SG readings.
- Block model was estimated by the Inverse Distance Squared interpolation method on blocks of maximum 4 m x 4 m and minimum 1 m x 1 m dimensions.
- All REE assays exceeding the 95% confidence level (CL) were cut to the 95% CL for each element.
- All intercepts with a true width of less than 1.5 m were diluted to a potential mining width of 1.5m.

The drill-defined Mineral Resource at Bokan Dotson-Ridge commences at surface and is open both at depth and along strike. Additional information regarding significant drill results from the Company's prior exploration programs and maps and sections detailing the drill-hole locations and individual REE values are available at: www.ucore.com.

The Company is working towards the completion of a Feasibility Study, which will incorporate the results of this upgraded Mineral Resource estimate, together with additional resource modeling. The Company issued a request for proposal to engage a consulting firm to prepare the study and selected Ausenco Engineering Canada Inc. of Vancouver, BC to prepare the feasibility study. Project permitting is also underway and the Company plans to have the Plan of Operations submitted within the upcoming year.

Expenditure on Bokan

During the first half of 2015 the Company has been focussed on environmental and permitting work, advancing its metallurgical processes, and the Bokan feasibility study. Expenditures on environmental and permitting during the first two quarters totalled approximately \$204,000, of which \$79,000 was incurred during the second quarter. Expenditures on metallurgy were \$458,000 and was almost completely incurred during the first quarter. Approximately \$68,000 was spent on early work on the feasibility study, \$33,000 of which was incurred in the second quarter. The remaining \$237,000 for the six month period and \$111,000 for the three month period are geology based expenditures. In total, the Company incurred expenditures totalling \$967,000 on the project during the six months ended June 30, 2015, including \$234,000 in the second quarter.

Ray Mountains, Alaska

During 2012, the Company acquired through physical staking and claim recording approximately 11,400 acres located in the Ray Mountains, Alaska. Limited work was completed on the project during the year, primarily consisting of initial geochemical analyses of mineral samples obtained in the region. To date, approximately \$330k of expenditure has been incurred on the property. The costs consist of initial staking costs, and the aforementioned sample collection and geochemical analyses. The Company believes the project has potential for both rare earth elements and tin, and continues to evaluate its options for advancement.

Seagull Tin, Yukon

The Company holds an option on a 100% interest in the Seagull Tin property located in the Southwestern Yukon. The options can be exercised on the second anniversary of the agreement for the lesser of 500,000 shares of the Company or 2% of the outstanding shares of the Company at that date. The Company's interest is subject to a 1.5% NSR, on which a \$200,000 advance payment is due on the fourth anniversary of the option agreement.

Sandybeach Lake, Nunavut

Ucore holds a 100% interest in the Sandybeach Lake property, located in southwestern Nunavut. The 18-square kilometre property is centered on Sandybeach Lake, located five kilometres northeast of the northern extents of Neultin Lake in Manitoba. The carrying value of the property was written down to nil in 2010.

Rare Earth Processing

The Company has an agreement to acquire the exclusive rights to IBC's Superlig® MRT process for rare earth separation among other applications. This technology has been used by the Company to separate the entire suite of rare earth elements from Bokan ore with minimum purities of 99% (see press releases on March 2, 2015 and April 28, 2015). MRT is a proven technology that is used extensively around the world in non-REE mining applications; IBC and Ucore have adapted this technology for use in the rare earth industry. This has the potential to provide a clean and cost effective alternative to traditional solvent extraction technology for not only Ucore, but any company developing a primary rare earth mine or with the potential to produce rare earths as a secondary revenue stream in an already established operation.

Ucore has now contracted IBC to design and construct an MRT pilot plant to be completed before the end of 2015. This pilot plant will be able to accept a pregnant leach solution not only from Bokan, but from prospective REE feedstock locations around the world. The successful completion of the pilot plant could provide a new source of potential revenue for the Company. More information on the MRT process can be found at mrt.ucore.com.

Selected Annual Information

The following annual information is prepared in accordance with International Financial Reporting Standards ("IFRS"). Amounts are reported in thousands of Canadian dollars, except for per share amounts.

	For the year ended December 31, 2014 \$	For the year ended December 31, 2013 \$	For the year ended December 31, 2012 \$
Net loss	3,903	3,567	5,601
Loss per share – basic and diluted	0.02	0.02	0.04
Total assets	35,981	28,762	26,872

Results of Operations

During the six months ended June 30, 2015

During the first half of 2015, the Company incurred a net loss before income taxes of \$1.52 million compared to a net loss before income taxes of \$2.11 million for the first half of 2014. The decrease in net loss is largely driven by decreases in salary expense as a result of bonuses paid out in 2014 which did not recur in 2015. There has also been a decrease in professional services as the Company relied on a number of consultants during the second quarter of 2014 which also did not recur in 2015.

The Company earned approximately \$23,000 less in interest income during the first half of 2015 than during the same period in fiscal 2014 as a result of a decrease in cash balances on hand during each period due to the timing of financings.

Operating expenses for the first half of 2015 totalled \$1.5 million, compared with \$2.1 million for the same period during the prior year.

Office and premises expenses for the half were approximately \$122,000, which is relatively consistent with the prior year expense of \$141,000 compared to the prior year. Securities and regulatory expenses were also largely unchanged from the prior year with an increase of \$6,000. Expenditures on investor relations increased by approximately \$33,000 for the first two quarters versus \$80,000 for the same period in 2014 largely driven by an investor relations campaign in Germany. The company has not made any significant changes in these areas since the prior year.

Salaries and consultants' expenditures of approximately \$765,000 were incurred during the period, a decrease of 24% compared to the same period in 2014. Although staffing levels have remained unchanged between periods, bonuses paid in 2014 totalled \$310,000, whereas no bonus payment has been made in 2015. This is offset partially by regular employee pay increases. Professional services totalled approximately \$150,000, a decrease of \$305,000 compared to the same period in 2014 as the Company paid out a number of one time consulting fees during the second quarter of 2014, these charges are not expected to recur.

The Company recorded non-cash stock-based compensation expense of approximately \$137,000 attributable to the estimated value of stock options earned during the period, a decrease of approximately \$147,000 as compared to the first half of 2014. This decline can be attributed to a one time options grant to a consultant during the second quarter of 2014 which vested immediately resulting in approximately \$94,000 in expense. In addition, significant option grants were extended in the second quarter of both 2013 and 2014, but no corresponding grant in 2015. The Company capitalized approximately \$11,000 of non-cash stock-based compensation expense during the period to resource properties, attributable to the value of stock options earned by the Company's exploration personnel. There was also non-cash amortization expense of approximately \$20,000, representing depreciation of the Company's fixed assets, which is very consistent with 2014 amortization of \$23,000.

The Company realised a currency exchange loss of approximately \$3k during the period relating to its foreign currency translation, as compared to a loss of approximately \$13k for the same period of the prior year. As the Company continues to deal in both the Canadian and United States currencies, the Company may continue to incur foreign exchange gains and losses arising from changes in the value of the United States dollar relative to the Canadian dollar.

During the three months ended June 30, 2015

During the three months ended June 30, 2015, the Company incurred a net loss of approximately \$870,000, representing a decrease from the three months ended June 30, 2014 in which a net loss of approximately \$1.5 million was incurred. The most significant variances are in salaries and consultants expense, professional services, and share-based payments. Details of these changes are discussed below.

The loss has decreased by \$235,000 as a result of lower salaries and consultants expense. The decrease in salaries expense as discussed in the six month section is due to \$310k of bonuses paid out in the prior year; bonuses have not been awarded up to Q2 2015. Professional services decreased by \$285k compared with the same quarter in the previous year as a result of a number of one time consulting fees paid out during the prior period which are not expected to recur. Share based payments decreased by approximately \$152k during the period which is largely the result of an April 2014 stock option grant which vested immediately, leading to \$94,000 in expense in the prior period. The remainder is the result of the timing of option grants as discussed in the six month variance section.

During the current quarter, the Company earned approximately \$20k less in interest income than during the same period in fiscal 2014 as a result of higher cash and short term deposit balances in the prior year due to the April 2014 financing. Amortization expense remained very consistent with the prior year, showing a decrease of \$1k.

The Company realised a currency exchange loss of approximately \$6k during the period relating to its foreign currency translation, as compared to a loss of approximately \$15k for the same period of the prior year. As the

Company continues to deal in both the Canadian and United States currencies, the Company may continue to incur foreign exchange gains and losses arising from changes in the value of the United States dollar relative to the Canadian dollar.

No impairment charge was required for the current or comparative period, however the Company will continue to review its portfolio of resource properties and write-down the carrying costs of any properties considered to be impaired in value, which could have a material impact on the Company's net loss in future periods.

Summary of Quarterly Results

Expressed in thousands of dollars, except per share amounts	6/30/15 \$	3/31/15 \$	12/31/14 \$	9/30/14 \$	6/30/14 \$	3/31/14 \$	12/31/13 \$	9/30/13 \$
Net loss before provision for taxes	870	654	939	889	1,464	636	1,550	694
Loss per share – basic and diluted	0.00	0.00	0.02	0.00	0.01	0.00	0.02	0.00
Total Assets	41,177	37,586	35,981	36,051	35,549	29,594	28,762	29,314

The current quarter net loss is lower than the comparable period in the prior year for the reasons discussed above. During the fourth quarter of 2013, the Company undertook an impairment review of its Lost Pond property. This review resulted in a write-down of resource properties in the amount of \$800,000.

Liquidity and Capital Resources

At June 30, 2015, the Company had working capital of \$3.9 million, with a cash balance of \$1.3 million. The company also had restricted cash, which has certain restrictions limiting withdrawal of \$222k.

The Company used approximately \$1.31 million of working capital to fund operating expenses for the first six months of the year of which \$902,000 was used in the second quarter. Net cash expenditures on resource properties and related deferred costs totalled \$1.3 million during the six month period ended June 30, 2015 and \$471k during the three month period. This was primarily funded from working capital.

On May 20, 2015 the Company entered into an agreement in which \$4,000,000 USD was raised through the sale of a royalty on the future sale of products and services related to the processing of rare earth elements and other specialty metals and critical materials utilizing the SuperLig® MRT process. Under the terms of the agreement, the purchaser will make payments totaling \$4,000,000 USD over a 120 day period, all of which have been received subsequent to quarter end. The royalty will be on production from future MRT installations and be comprised of a gross royalty of 5% of sales payable until the recapture of the investment; and a net smelter royalty of 2% on the first production client with expected gross revenue, as estimated by the Company, exceeding \$50,000,000 per annum.

The purchaser has the option to increase the amount of the investment by up to \$1,000,000 in exchange for a larger royalty if, prior to August 13, 2015, written notice is provided signaling such intent. This may be done in tranches of \$500,000 USD, where each \$500,000 USD payment would result in an increase in the royalty by a factor of 0.25%. The purchaser has the right to convert the total amount of the investment, minus any royalty amounts already then paid, into common shares of the Company. If the purchaser elects to convert such amount, the Company's royalty obligation shall cease, and the conversion amount shall be converted into common shares at the greater of (i) the 30 day volume weighted average share price of the Company's

common shares, less a 20% discount, (ii) the market price of the Company's common shares on the day immediately prior to the conversion date, less a 20% discount; or (iii) \$0.25 per common share. The closing of this transaction is subject to and conditional upon the acceptance and approval of the TSX Venture Exchange.

Subsequent to quarter end, on August 17, 2015 the Company entered into an agreement in which \$1,000,000 USD was raised through the sale of a royalty on the future sale of products and services related to the processing of rare earth elements and other specialty metals and critical materials utilizing the SuperLig® MRT. Under the terms of the agreement, the purchaser will make one payment for the entire amount, this payment has been received.

The royalty will be on production from future MRT installations and be comprised of a gross royalty of 5% of sales payable until the recapture of the investment; and a net smelter royalty of 0.5% on the first production client with expected gross revenue, as estimated by the Company, exceeding \$50,000,000 per annum.

The purchaser has the right to convert the total amount of the investment, minus any royalty amounts already then paid, into common shares of the Company. If the purchaser elects to convert such amount, the Company's royalty obligation shall cease, and the conversion amount shall be converted into common shares at the greater of (i) the 30 day volume weighted average share price of the Company's common shares, less a 20% discount, (ii) the market price of the Company's common shares on the day immediately prior to the conversion date, less a 20% discount; or (iii) \$0.25 per common share. The closing of this transaction is subject to and conditional upon the acceptance and approval of the TSX Venture Exchange which was received on August 19, 2015.

In management's view, these financings will enable the Company to meet its resource property obligations, fund its administration costs, and fund its planned exploration programs beyond the next twelve months.

Off-Balance Sheet Arrangements

At June 30, 2015, the Company had no material off-balance sheet arrangements such as guarantee contracts, contingent interest in assets transferred to an entity, derivative instruments obligations or any obligations that trigger financing, liquidity, market or credit risk to the Company.

Critical Accounting Estimates

The preparation of financial statements in conformity with International Financial Reporting Standards requires management to make estimates and assumptions that affect the amounts reported in the financial statements and notes. Critical accounting estimates used in the preparation of the consolidated financial statements include the Company's estimate of recoverable value of its mineral properties and related deferred expenditures, the value of the convertible royalty liability, non-cash stock-based compensation and deferred income tax assets and liabilities.

The Company's recoverability of the recorded value of its resource properties and associated deferred expenses is based on market conditions for minerals, underlying mineral resources associated with the properties and future costs that may be required for ultimate realization through mining operations or by sale. The Company operates in an industry that is subject to a number of risk factors, including legal and political risks, the existence of economically recoverable reserves, and the ability of the Company to obtain necessary financing to complete the development and future profitable production or the proceeds of disposition thereof.

The factors affecting non-cash stock-based compensation include estimates of when stock options might be exercised and the stock price volatility. The timing for exercise of options is out of the Company's control and will depend on a variety of factors including the market value of the Company's shares and the financial objectives of the stock-based instrument holders.

Deferred income tax assets and liabilities are computed based on differences between the carrying amounts of assets and liabilities on the balance sheet and their corresponding tax values. Deferred income tax assets also result from unused losses carried forward and other deductions. The valuation of deferred income tax assets is adjusted, if necessary, by use of a valuation allowance to reflect the estimated realizable amount.

Future Changes in Accounting Policies

For the purposes of preparing and presenting the Company's condensed interim consolidated financial statements, the Company has adopted all applicable standards and interpretations issued other than those discussed below. These standards have not been adopted because they are not effective for the Company until subsequent to December 31, 2015. Standards and interpretations issued, but not yet adopted include:

	<u>Effective for the Company</u>
Amendments to IAS 1, Presentation of Financial Statements	January 1, 2016
Amendments to IAS 16, Property, Plant and Equipment	January 1, 2016
Amendments to IAS 28, Investments in Associates and Joint Ventures	January 1, 2016
Amendments to IAS 38, Intangibles	January 1, 2016
Amendments to IFRS 10, Consolidated Financial Statements	January 1, 2016
Amendments to IFRS 11, Joint Arrangements	January 1, 2016
IFRS 15, Revenue from Contracts with Customers	January 1, 2017
IFRS 9, Financial Instruments	January 1, 2018

In December 2014, the IASB issued amendments to IAS 1, Presentation of Financial Statements. These amendments clarify materiality guidance, aggregation and disaggregation of items in the statement of financial position, aggregation of an entity's share of other comprehensive income of equity accounted associates and joint ventures, and guidance on ordering of financial statement notes. These amendments are effective for annual periods beginning on or after January 1, 2016. The Company is currently evaluating the impact of these amendments on its consolidated financial statements.

In May 2014, the IASB issued amendments to IAS 16, Property, Plant and Equipment and IAS 38, Intangibles. These amendments prohibit the use of revenue-based depreciation methods for property, plant and equipment and limit the use of revenue-based amortization for intangible assets. These amendments are effective for annual periods beginning on or after January 1, 2016 and are to be applied prospectively. These amendments are not anticipated to impact the Company's consolidated financial statements as revenue-based depreciation or amortization methods are not used.

In September 2014, the IASB issued amendment to IAS 28, Investments in Associates and Joint Ventures, and IFRS 10, Consolidated Financial Statements. These amendments address a conflict between IAS 28 and IFRS 10 and clarify that in a transaction involving an associate or joint venture the extent of gain or loss recognition depends on whether the assets sold or contributed constitute a business. These amendments are effective for annual periods beginning on or after January 1, 2016. These amendments are not anticipated to impact the Company's consolidated financial statements.

In May 2014, the IASB issued amendments to IFRS 11, Joint Arrangements. The amendments clarify the accounting for acquisitions of an interest in a joint operation when the operation constitutes a business. The amendments are effective for annual periods beginning on or after January 1, 2016, with earlier application being permitted. These amendments are not anticipated to impact the Company's consolidated financial statements.

In May 2014, the IASB issued IFRS 15, Revenue from Contracts with Customers. The standard replaces IAS 11, Construction Contracts; IAS 18, Revenue; IFRIC 13, Customer Loyalty Programmes; IFRIC 15, Agreements for the Construction of Real Estate; IFRIC 18, Transfer of Assets from Customers; and SIC 31, Revenue – Barter Transactions Involving Advertising Services. This standard establishes principles for reporting the nature, amount, timing, and uncertainty of revenue and cash flows arising from an entity’s contract with customers. This standard is effective for annual periods beginning on or after January 1, 2017, and permits early adoption. The Company is currently evaluating the impact of this standard on the consolidated financial statements.

In July 2014, the IASB issued IFRS 9, Financial Instruments, which will replace IAS 39, Financial Instruments, Recognition and Measurement. The replacement standard provides a new model for the classification and measurement of financial instruments. The IASB has determined the revised effective date for IFRS 9 will be for annual periods beginning on or after January 1, 2018. The Company will evaluate the impact of the change to the consolidated financial statements based on the characteristics of financial instruments outstanding at the time of adoption.

Related Party Transactions

As at June 30, 2015 the Company has recorded an advance to officers of the Company in the amount of \$192,088 (December 31, 2014 - \$192,088), which is non-interest bearing with no fixed terms of repayment. During the period ending June 30, 2015, the Company paid \$93,132 (2014 \$108,646) in consulting fees to a Company of which a director is a partner.

All related party transactions were in the normal course of operations and were valued at the exchange amount agreed to between the parties.

Outstanding Share Data

The following is the Company’s issued and outstanding share data as of the date of this report. Each stock option and warrant is exercisable for one common share of the Company.

Securities	Number	Weighted average exercise price \$	Weighted average remaining life (years)
Common shares	197,576,471	n/a	n/a
Stock options under plans approved by shareholders	13,625,000	0.37	2.40
Warrants	39,489,249	0.43	1.19

Risks and Uncertainties

The Company’s financial instruments consist of cash, restricted cash, short-term deposits, marketable securities, trade and other receivables, and accounts payable and accrued liabilities. Management does not believe these financial instruments expose the Company to any significant interest, currency or credit risks arising from these financial instruments. The fair market values of these financial instruments approximate their carrying values, unless otherwise noted.

In conducting its business, the principal risks and uncertainties faced by the Company relate to exploration and development success of the Company's mineral properties as well as metal prices and market sentiment to a lesser extent.

The PEA discussed in the overview section is preliminary in nature, it includes indicated and inferred mineral resources only, which are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the PEA will be realized. Mineral resources that are not mineral reserves do not have demonstrated economic viability.

Most exploration projects do not result in the discovery of commercially mineable ore deposits and no assurance can be given that any particular level of recovery of ore reserves or resources will be realized or that any identified mineral deposit will ever qualify as a commercially mineable (or viable) ore body which can be legally and economically exploited. Estimates of reserves and resources, mineral deposits and production costs can also be affected by such factors as environmental permitting regulations and requirements, weather, environmental factors, unforeseen technical difficulties, unusual or unexpected geological formations and work interruptions. Material changes in ore reserves and resources, grades, stripping ratios, recovery rates or selling prices of the underlying commodities may affect the economic viability of any project.

The Company's future growth and productivity could possibly depend, in part, on its ability to identify and acquire additional mineral rights, and on the costs and results of continued exploration and development programs. Mineral exploration is highly speculative in nature and is frequently non-productive. Substantial expenditures are required to:

- establish ore reserves and resources through drilling and metallurgical and other testing techniques;
- determine metal content and metallurgical recovery processes to extract metal from the ore; and
- construct, renovate or expand mining and processing facilities.

In addition, the prices of metals fluctuate widely and are affected by many factors outside of the Company's control. The relative prices of metals and future expectations for such prices have a significant impact on the market sentiment for investment in mining and mineral exploration companies. The Company will be reliant on equity or other types of financing for its long-term working capital requirements and to fund its exploration programs. The Company does not generate any revenue and does not have sufficient funds to put any of its resources interests into production from its own financial resources. There is no assurance that such financing will be available to the Company, or that it will be available on acceptable terms.

MRT is at advanced testing stages and has yet to be proven, at a commercial scale, for the separation of rare earth elements. The Company has not yet released an economic assessment on the use of MRT for the separation of rare earth elements and does not yet have any specific contracts for the processing of rare earths using MRT.

Disclosure Controls and Procedures and Internal Controls over Financial Reporting

Disclosure controls and procedures ("DC&P") are intended to provide reasonable assurance that material information is gathered and reported to senior management to permit timely decisions regarding public disclosure. Internal controls over financial reporting ("ICFR") are intended to provide reasonable assurance regarding the reliability of financial reporting and the preparation of consolidated financial statements for external purposes in accordance with International Financial Reporting Standards.

TSX Venture-listed companies are not required to provide representations in their annual and interim filings relating to the establishment and maintenance of DC&P and ICFR, as defined in Multinational Instrument MI 52-109. In particular, the CEO and CFO certifying officers do not make any representations relating to the establishment and maintenance of (a) controls and other procedures designed to provide reasonable assurance that information required to be disclosed by the issuer in its annual filings, interim filings or other reports filed or submitted under securities legislation is recorded, processed, summarized and reported within the time

periods specified in securities legislation, and (b) processes to provide reasonable assurance regarding the reliability of financial reporting and the preparation of consolidated financial statements for external purposes in accordance with the issuer's GAAP.

Other Information

Additional information regarding the Company is available on SEDAR at www.sedar.com and on the Company's website at www.ucore.com. Additional information about the MRT Superlig® technology can be found at mrt.ucore.com.

UCORE RARE METALS INC.

Schedule "A"

Schedule of Resource Properties

For the three months ended June 30, 2015

Details of Resource Properties and Related Deferred Costs

	Bokan Mountain/ Dotson Ridge	Ray Mountains, Alaska	Seagull Tin, Yukon	Total June 30, 2015
Mineral Properties				
Balance, beginning of period	\$ 4,661,982	\$ 52,413	\$ -	\$ 4,714,395
Expenditures during period	-	-	-	-
Change in foreign exchange rates	(47,177)	-	-	(47,177)
Balance, end of period	<u>4,614,805</u>	<u>52,413</u>	<u>-</u>	<u>4,667,218</u>
Deferred Exploration expenditures:				
Geology	110,686	-	-	110,686
Environmental & permitting	78,847	-	-	78,847
Feasibility Study	33,441	-	-	33,441
Metallurgy	10,590	-	-	10,590
	233,563	-	-	233,563
Balance, beginning of period	<u>29,918,930</u>	<u>277,444</u>	<u>251,994</u>	<u>30,448,368</u>
	<u>30,152,493</u>	<u>277,444</u>	<u>251,994</u>	<u>30,681,931</u>
Change in foreign exchange rates	(297,359)	-	-	(297,359)
Balance, end of period	<u>29,855,134</u>	<u>277,444</u>	<u>251,994</u>	<u>30,384,572</u>
Mineral properties and deferred exploration expenditures, end of period	<u>\$ 34,469,939</u>	<u>\$ 329,857</u>	<u>251,994</u>	<u>\$ 35,051,790</u>

Details of Resource Properties and Related Deferred Costs

	Bokan Mountain/ Dotson Ridge	Ray Mountains, Alaska	Seagull Tin, Yukon	Total June 30, 2015
Mineral Properties				
Balance, beginning of period	\$ 4,420,251	\$ 52,413	\$ -	\$ 4,472,664
Expenditures during period	-	-	-	-
Change in foreign exchange rates	194,554	-	-	194,554
Balance, end of period	<u>4,614,805</u>	<u>52,413</u>	<u>-</u>	<u>4,667,218</u>
Deferred Exploration expenditures:				
Geology	236,648	-	-	236,648
Environmental & permitting	203,576	-	-	203,576
Feasibility Study	68,050	-	-	68,050
Metallurgy	458,425	-	-	458,425
	966,699	-	-	966,699
Balance, beginning of period	<u>27,662,145</u>	<u>277,444</u>	<u>251,994</u>	<u>28,191,583</u>
	28,628,844	277,444	251,994	29,158,282
Change in foreign exchange rates	1,226,290	-	-	1,226,290
Balance, end of period	<u>29,855,134</u>	<u>277,444</u>	<u>251,994</u>	<u>30,384,572</u>
Mineral properties and deferred exploration expenditures, end of period	<u>\$ 34,469,939</u>	<u>\$ 329,857</u>	<u>251,994</u>	<u>\$ 35,051,790</u>