



**U308** CORP

# A Green Resource Company

TSX-V:UWE | Frankfurt:D9LN

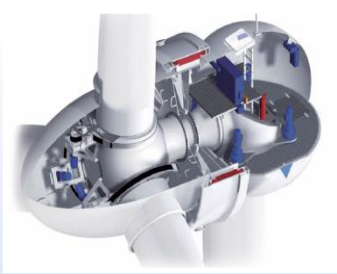
September 2022  
[www.u3o8corp.com](http://www.u3o8corp.com)



**Nuclear Energy**



**Power Storage**



**Rare Earths**

## Cautionary Note Regarding Forward-Looking Information

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Certain information set forth in this presentation contains “forward-looking information”, within the meaning of applicable securities laws, which includes, but is not limited to, management’s assessment of future vision and strategy, the advancement of the Berlin Deposit, the estimation of mineral resources and work towards an economic analysis of the Berlin Deposit, project infrastructure availability, the demand for commodities, a shift to clean energy needs, improving mineral processing capabilities, advances in metal separation technologies, and an application for a OTCQB listing. Forward-looking information is provided to allow potential investors the opportunity of management’s beliefs and opinions in respect of the future so that they may use such beliefs and opinions as one factor in evaluating an investment. Some of the FLS may be identified by words such as “may”, “will”, “should”, “could”, “anticipate”, “believe”, “expect”, “intend”, “potential”, “continue”, and similar expressions. Forward-looking information involves substantial known and unknown risks and uncertainties, certain of which are beyond the control of U3O8, including, but not limited to, the impact of general economic conditions, industry conditions, geopolitical risks, volatility of commodity prices, risks associated with there being no current mineral resource, risks associated with the uncertainty of exploration results and estimates and that the mineral resource potential will be achieved on exploration projects, and that a mine will be achieved on the Berlin Deposit. Readers are cautioned that the assumptions used in the preparation of such information, although considered reasonable at the time of preparation, may prove to be imprecise and, as such, undue reliance should not be placed on forward-looking information. The forward-looking information included in this presentation is made as of the date hereof and U3O8 assumes no obligation to update or revise them to reflect new events or circumstances, except as may otherwise be required by applicable securities laws.

Berlin Project, Colombia – The Berlin Project contains a historical mineral resource estimate that at the time was prepared in accordance with National Instrument 43-101 – *Standards of Disclosure for Mineral Projects* (“NI 43-101”). The historical mineral resource estimate is contained in a report by Coffey Mining entitled “Berlin Project, Colombia – National Instrument NI 43-101 Report” with an effective date of March 2, 2012, and a preliminary economic assessment by Tenova Mining & Minerals (Australia) Pty Ltd. (formerly Bateman Engineering Pty Ltd.) entitled “Berlin Project, Colombia - Preliminary Economic Assessment, NI 43-101 Report” with an effective date of January 18, 2013. The historical mineral resource is of 1.5Mlb indicated mineral resource at 0.11% U<sub>3</sub>O<sub>8</sub> and 19.9Mlb inferred mineral resource at 0.11% U<sub>3</sub>O<sub>8</sub>; plus, a phosphate inferred mineral resource of 0.8Mt at 9.3% P<sub>2</sub>O<sub>5</sub> and vanadium inferred mineral resource of 97mlb at 0.50% V<sub>2</sub>O<sub>5</sub> defined on only the southern 3km of the 10.5km mineralized trend at Berlin. A qualified person has not done sufficient work to classify the historical mineral resource estimate as a current mineral resource. Therefore, U3O8 is not treating the historical mineral resource estimate as a current mineral resource. The Company has prepared a current technical report but has not defined a mineral resource at this time. The resource can be made current by suitably qualified QP using the existing drill intercepts to independently estimate the resource with check assays of core as appropriate

Further, information on U3O8, its projects and current technical report entitled “U3O8 Technical Report on the Berlin Deposit, Uranium – Battery Commodity Deposit, Colombia” dated April 28, 2022, prepared in accordance with NI 43-101 are available on the Company’s web site at [www.u3o8corp.com](http://www.u3o8corp.com) and the under the Company’s SEDAR profile at [www.sedar.com](http://www.sedar.com).

## Technical Disclosure and Qualified Person

All scientific and technical disclosure contained herein has been prepared, reviewed and approved by Dr. Richard Spencer, U3O8’s Chairman and a “Qualified Person” within the meaning of NI 43-101.



**Working towards advancing the Berlin deposit and broadening our market and corporate development strategy**

## Board of Directors

### Dr. Richard Spencer Executive Chairman

- Former CEO of U<sub>3</sub>O<sub>8</sub> Corp. since 2008
- Distinguished geologist with multiple discoveries including large deposit at Loma Larga in Ecuador (Iamgold Corp.), significant growth of gold reserves at Las Cristinas in Venezuela (Crystallex International Corp.); and grass roots discoveries of copper porphyries in Ecuador (Gencor Ltd.) gold in Mirador, Panantza & San Carlos porphyries

### Michael Skutezky

- +40 years experience in the financial and resource sector, former Assistant General Counsel of RBC Royal Bank, SVP of National Trust Company, Associate, Stikeman Elliott (Budapest), General Counsel of Telesysteme Internationale, Associate of Lang Michener LLP, General Counsel & Secretary Energy Fuels Inc. and Century Iron Mines Corp., Chairman Western Uranium & Vanadium Corp
- Current Senior Counsel and Corporate Secretary of Voyager Metals Inc., Principal of Michael R. Skutezky BA, LLB PC. and Chairman and Managing Director Rhodes Capital Corporation

### Marty Tunney

- +18 years of mining and capital markets experience, current President and COO of Consolidated Uranium Inc. Engineering experience with major mining companies (Newmont Mining Corp., Inco Ltd.) and senior executive roles with developers and explorers (Solitice Gold Corp. and NewCastle Gold Ltd.)
- Former Director Investment Banking CIBC, .Associate Investment Banking Raymond James Ltd

## Management

### Trumbull Fisher CEO

- Former Chairman of U<sub>3</sub>O<sub>8</sub> Corp. between June – August 2022
- Capital markets and senior leadership experience including CEO of Alpha Gold North, Co-Founder of FDB Capital, CEO of Lincoln Hold Co Ltd.
- Serves on the boards of Metallica Metals Corp. & Wisr AI, Capital Market Advisor for Black Iron
- Former President of New Wave Esports, Co-Founder of Sui Generis Investment Partners, acquired by Forge First Asset Management

### John Ross CFO

- Former CFO of Iamgold Corp., and first to introduce the gold “money policy” – converted the company’s cash to gold at an average price of US\$287/oz as an ultra-contrarian when the majors were still hedged and when the Bank of England was selling the country’s gold

Capital Structure <sup>1</sup>	
Basic Shares Outstanding	60.6M
Options	3.4M
Warrants <sup>2</sup>	22.7M
Fully Diluted Shares Outstanding	86.8M
Share Price (Sept 1, 2022)	\$0.23
Market Capitalization (Basic)	\$14M

<sup>1</sup>As of August 18, 2022.

<sup>2</sup> Strike prices from

Investments	
Consolidated Uranium Inc. (TSXV:CUR)	1.1M Shares
Labrador Uranium Inc. (CSE:LUR)	0.2M Shares

## Key steps toward advancing the Berlin Deposit:

- ✓ Built on discovery by Cogema (Orano)
- ✓ Historical uranium resource of 1.5M lbs Indicated and 19.9M lbs Inferred
- ✓ PEA – focus on cash cost of production

### Tests focused on strengthening economics

Delineate resource estimate

Prepare PEA with new test work

Seek major financier to advance through feasibility study to production

See Cautionary Note Regarding Forward-Looking Information on Slide 2.



- Between Colombia's largest cities (Bogota & Medellin) in agricultural heartland
- Significant infrastructure near the project including:
  - Power – 395MW hydroelectric plant located 12km from Project
  - Roads – 60km from main highway
  - Port – 60km from major Magdalena river, navigable to the Caribbean
  - Rail – 60km from rail line scheduled for refurbishment
- Two other deposits are similar to Nolans Bore (Australia) and Santa Quiteria (Brazil)

	U <sub>3</sub> O <sub>8</sub> Cut-off Grade (%)	Mineralized Material (Mt)	Grade				Contained Metal			
			U <sub>3</sub> O <sub>8</sub> (%)	P <sub>2</sub> O <sub>5</sub> (%)	Ni (%)	V <sub>2</sub> O <sub>5</sub> (%)	U <sub>3</sub> O <sub>8</sub> (Mlbs)	P <sub>2</sub> O <sub>5</sub> (Mt)	Ni (Mlbs)	V <sub>2</sub> O <sub>5</sub> (Mlbs)
<b>Indicated</b>	0.04	0.6	0.11	8.4	0.2	0.4	1.5	0.05	3.1	5.9
<b>Inferred</b>	0.04	8.1	0.11	9.4	0.2	0.5	19.9	0.76	42.1	90.8

	U <sub>3</sub> O <sub>8</sub> Cut-off Grade (%)	Mineralized Material (Mt)	Grade					Contained Metal				
			Mo (ppm)	Zn (%)	Y <sub>2</sub> O <sub>3</sub> (ppm)	Nd <sub>2</sub> O <sub>3</sub> (ppm)	Re (ppm)	Mo (Mlbs)	Zn (Mlbs)	Y <sub>2</sub> O <sub>3</sub> (t)	Nd <sub>2</sub> O <sub>3</sub> (t)	Re (t)
<b>Indicated</b>	0.04	0.6	570	0.3	460	110	6.1	0.8	4.0	290	70	3.9
<b>Inferred</b>	0.04	0.6	570	0.3	460	110	6.1	0.8	4.0	290	70	3.9

Technical Report Prepared by Coffey Mining Pty Ltd dated March 02, 2012: Berlin Project, Colombia – National Instrument NI 43-101 Report.

Technical Report Prepared by Jean-Pol Pallier, BSc, MSc, EurGeol dated April 28, 2022: Technical Report on the Berlin Uranium – Battery Commodity Deposit, Colombia.

This mineral resource estimate is considered to be a “historical estimate” for U3O8 as defined under NI 43-101 – Standards of Disclosure for Mineral Projects (“NI 43-101”). A Qualified Person has not done sufficient work to classify the historical estimate as a current Mineral Resource, and U3O8 is not treating the historical estimate as a current Mineral Resource.

See Cautionary Note Regarding Forward-Looking Information on Slide 2.



**Battery commodities**



LPF, Vanadium Flow and Vanadium Redox Batteries

**Uranium  
for clean nuclear energy**



Core component of small modular reactor (SMR)

**Resource commodities relevant to the clean-energy shift**

## LFP (Lithium-ferric-phosphate)

- Critical elements are phosphate and iron
- One of the safest and none controversial
- Energy density 185 Wh/kg: ~550km driving range for medium-sized e-car and ~30 minutes to achieve 80% charge
- 1st lithium-ion battery to fall in cost to below US\$100/kWh – Tesla aiming for US\$80/kWh
- Potential for more more electric cars to shift to LFP over concerns about long-term availability of nickel supply

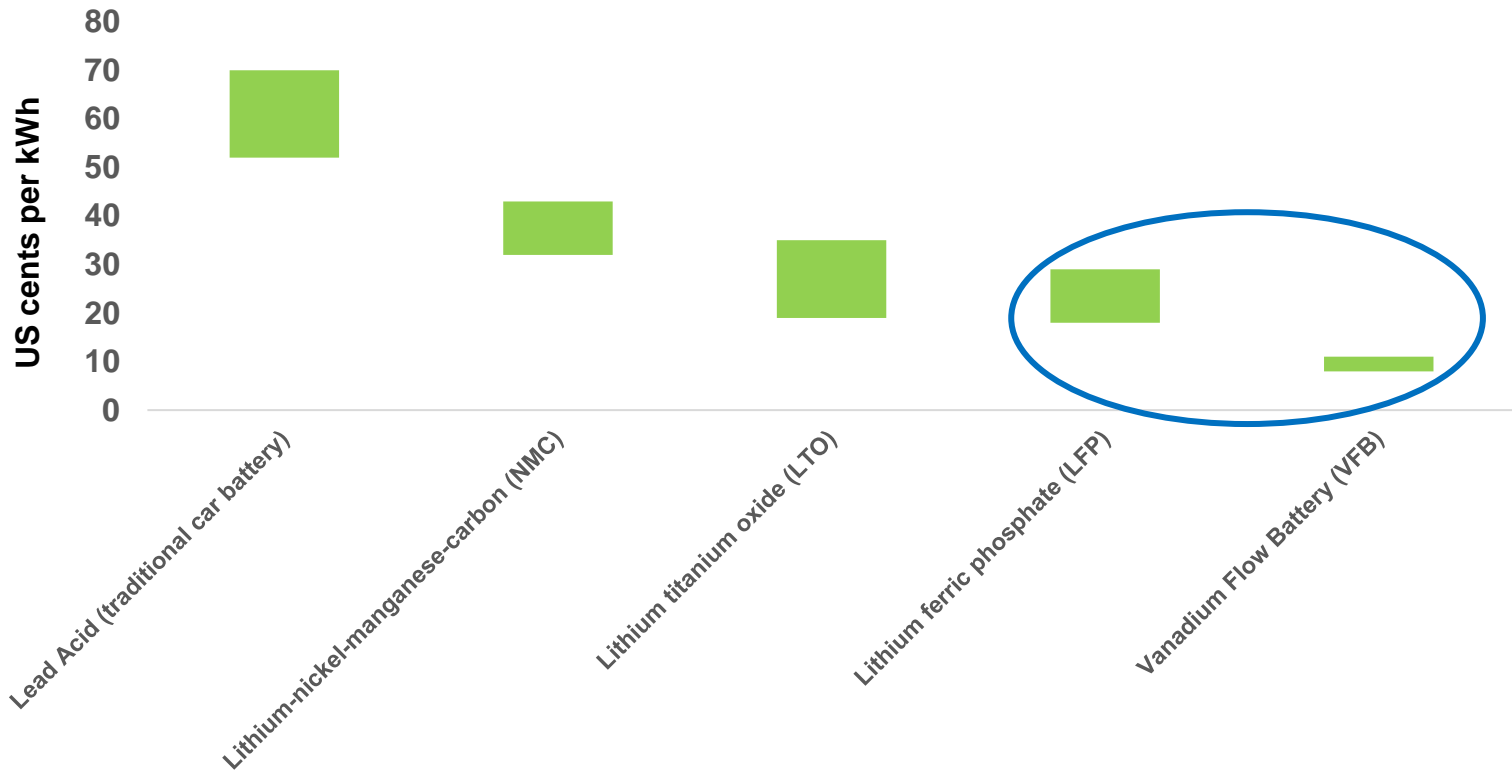
## Vanadium Flow Batteries

- VLFs “run at 100% capacity forever”
- Non-flammable and do not explode
- 20–25-year guarantee before the membrane that separates the two tanks of liquid needs to be replaced.
- Vanadium liquid is pumped into the replacement battery – minimal waste

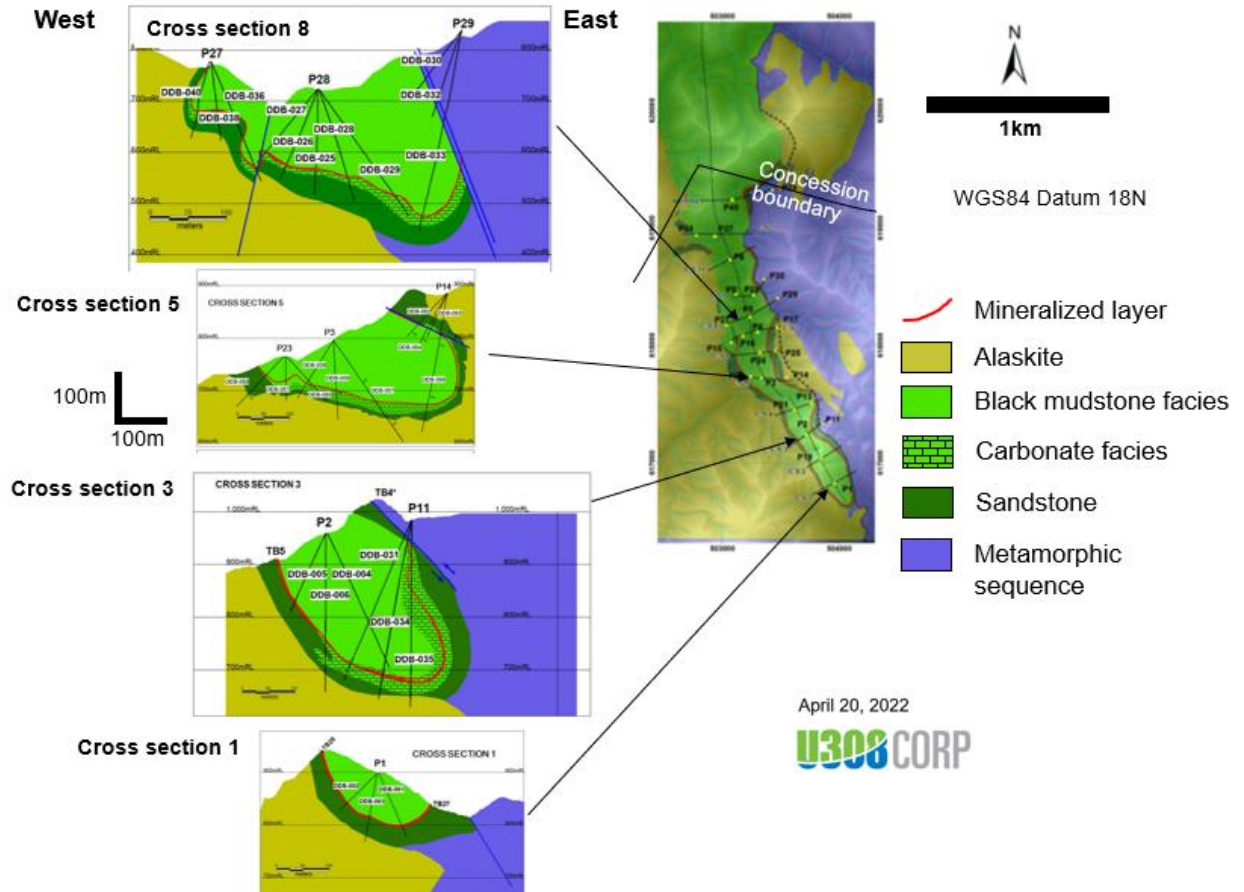
## Vanadium Redox Batteries

- Industrial e-storage and largest battery in the world
- Sufficient to power 100,000 typical western homes for 8 hours
- VLFs “run at 100% capacity forever”
- Non-flammable and do not explode.
- VRB selected for:
  - Reliability – no significant loss of capacity over battery life;
  - >20-year life;
  - Electrolyte is fully recyclable at end of the battery’s life.

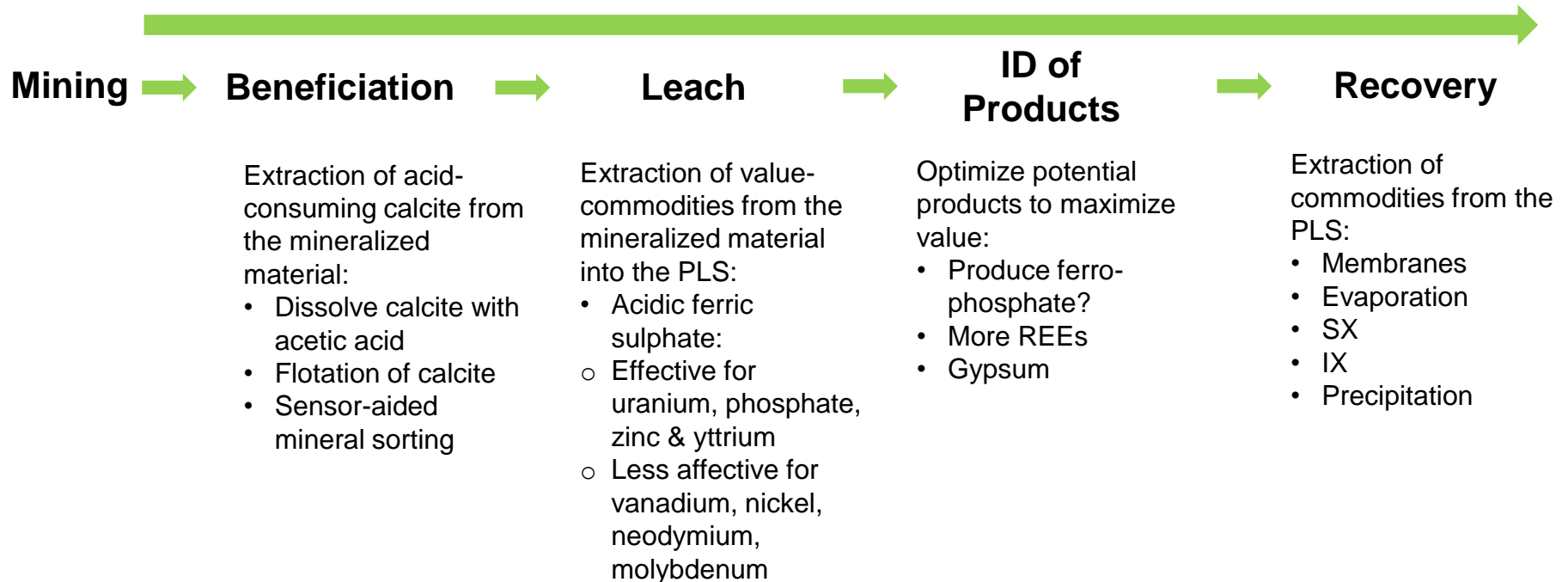
Normalized storage cost for mainstream batteries



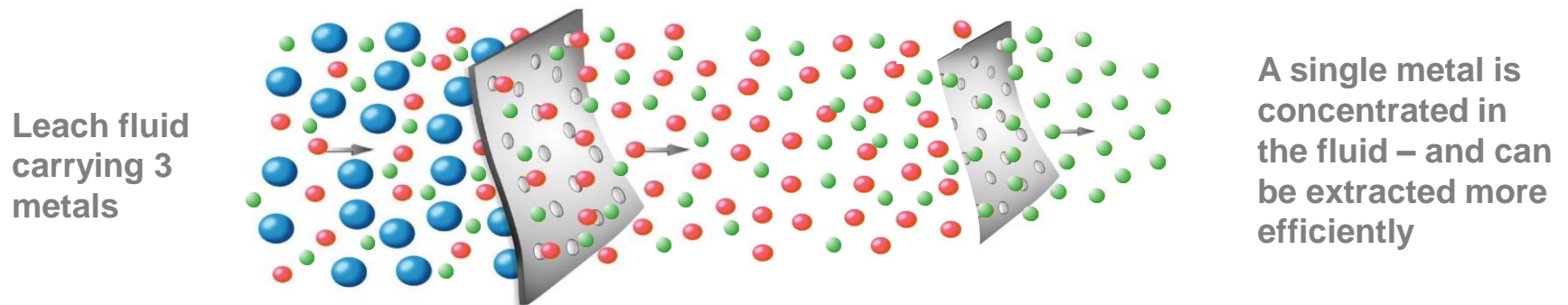
- Mineralization in 3m thick layer;
- Remarkable continuity;
- Underground mining operation;
- Minimal mine footprint;
- Waste would be replaced in backfill of underground excavations;
- Cut and fill mining in the steep areas combined with room and pillar in the flat areas.



Refer to Slide 2 "Technical Disclosure and Qualified Person".



Membrane technology used in water purification is the next crucial test as a way of separating the various commodities from the leach fluid at Berlin



**If the membranes effectively separate the various commodities, Capex and Opex are likely to be reduced**

**As the Berlin Deposit is advanced, there is potential to reduce operating (Opex) and capital costs (Capex) from the prior PEA through:**

- Test work on the effectiveness of alternative techniques for the extraction of metals and phosphate (eg. use of membrane systems to separate the metals);
- Potential to increase revenue;
- Removal of carbonate to reduce reagent consumption (lower operating costs);
- Historical PEA only considers revenue stream from two Rare Earth Elements (Neodymium & Yttrium). Include other REEs such as Dysprosium & Europium in revenue stream;
- Reduce electricity cost by capturing excess heat generated by the processing plant; and
- Complete the uranium resource. Economics of the deposit are strongly geared to deposit size.

- ✓ Strengthened treasury
- ✓ Qualifying for TSXV listing from NEX platform
- Plans to apply for OTCQB listing in the USA
- Additional metallurgical work (ongoing) has the most leverage to creating additional value from the Berlin Deposit
- Complete the resource estimate and Preliminary Economic Assessment
- Continue market and corporate development strategy

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