E3 METALS CORP

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CONTACT INFORMATION
#205-227 10th St NW
Calgary, AB, T2N 1V5
+1 (877) 319-7634
admin@e3metalscorp.com
e3metalscorp.com

E3 Metals Completes Petro-Lithium Inferred Mineral Resource of 0.93 Mt LCE on the Rocky Property

HIGHLIGHTS

- **The North Rocky Resource Area contains an Inferred Mineral Resource of 3.3 billion m^3 of brine formation water at an average grade of 52.9 mg/L lithium calculated as total producible brine**
- **This results in 0.93 million tonnes of lithium carbonate equivalent (LCE)**
- **E3 Metals combined inferred lithium mineral resources (over Rocky Property and Clearwater Property) totals 2.83 Mt LCE and covers only 16% of**

Vancouver, BC – November 20, 2017 ***– E3 METALS CORP. (TSX-V: ETMC, FSE: OU7A, OTC: EEMMF)*** *(the "**Company**", "**E3**" or "**E3 Metals**")* is pleased to announce that it has completed its first National Instrument 43-101 (NI 43-101) Inferred Mineral Resource Estimate (the **"Resource"**) of 0.93 million tonnes lithium carbonate equivalent (LCE) from 3,312,431,608 m^3 (3.3 km^3) of brine formation water at an average grade of 52.9 mg/L for the North Rocky Resource Area, located within a portion of the Company's Rocky Property. The Resource was prepared for the Company by Raymond P. Spanjers, P.G., of North Carolina, USA, Gordon MacMillan, P.Geol., of Alberta, Canada and Wayne Monnery, P.Eng., of Alberta, Canada, all "qualified persons" within the meaning of NI 43-101 and independent of the Company. The NI 43-101 Technical Report in respect of the Resource will be filed on SEDAR and the Company's website within 45 days. The Resource is based on a fluid flow 3-dimensional model for a confined aquifer and represents the volume of lithium enriched brine available to be produced from the reservoir.

"The completion of these first two resources, across each of our Rocky and Clearwater project areas, marks a significant pivot point for the Company," stated E3 Metals' CEO Chris Doornbos. "**We now have the resource base to support the development of a world-class lithium development project**. Although we expect to continue to produce additional mineral resource estimates across our Alberta

Petro-Lithium Project, the Company will be focusing its efforts on extraction process testing. This involves the continuation of the work underway with the University of Alberta and will also encompass E3 Metals' testing of existing proprietary technology. The Company will provide an update on its plans for 2018, including the extraction test work, in the near future."

The significance of the size of E3 Metals combined resource base, relative to the overall size of E3 Metals Petro-Lithium Project, demonstrates the incredible potential for the Company's overall land holdings. The North Rocky Resource Area spans 600 km^2 and covers only 6% of the E3 Metals Petro-Lithium Project Area, and 20% of the overall Rocky Property. The combined North Rocky and Central Clearwater Resource Areas represents only 16% of the total area contained within the Alberta Petro-Lithium Project. This Resource is only the second of several the Company expects to complete and deliver to the market. **The Company plans to complete work which it expects will produce resource estimates over several other portions of its Alberta Petro-Lithium Project area in 2018.**

Resource Area	Volume of Water in Effective Porosity (m^3)	Lithium Grade (mg/L)	Production Factor Cut-off	Production Volume (m^3)	Inferred Lithium Resource Estimate (tonnes)	Inferred Lithium Resource Estimate (LCE tonnes)
North Rocky Resource Area	6,624,863,216	52.9	1	6,624,863,216	350,000	1,900,000
	6,624,863,216	52.9	0.9	5,962,376,894	320,000	1,700,000
	6,624,863,216	52.9	0.8	5,299,890,572	280,000	1,500,000
	6,624,863,216	52.9	0.7	4,637,404,251	250,000	1,300,000
	6,624,863,216	52.9	0.6	3,974,917,929	210,000	1,100,000
	6,624,863,216	**52.9**	**0.5**	**3,312,431,608**	**180,000**	**930,000**
	6,624,863,216	52.9	0.4	2,649,945,286	140,000	750,000
	6,624,863,216	52.9	0.3	1,987,458,965	110,000	560,000

Table 1: Inferred Mineral Resource Estimate for the North Rocky Resource Area

Mineral Resource Estimate

Across the Rocky Project Area are a number of oil and gas pools; several of these have been producing since as early as the 1960's. As a result of this development, the geological and production data available to E3 Metals to complete this Resource Estimate is extensive and has delivered a robust geological understanding. Of the over 1,900 wells located within and around the Resource area, over 85 penetrate the Leduc Formation. Of those, over 69 are either currently producing or were historical producers or injectors. Today, 24 wells in the North Rocky Resource Area have an actively producing or injecting status in the Leduc Reservoir, and 14 have a suspended status in the Leduc Reservoir. Over 50 of the wells that intersect the Leduc Reservoir in and around the North Rocky Resource Area have core available to be reviewed and almost 80 wells have drill stem test data.

A geological investigation was completed utilising the data outlined above to define the geometry and architecture of the reservoir. This included wireline logs and core sample analysis. The literature was consulted to understand and predict spatial variations in porosity, permeability and geometry in between wells. Formation tests and production data were reviewed and utilised to understand initial and temporal variations in pressure with time. This data outlined that the North Rocky Resource Area is hydraulically connected across the reservoir.

A 3-D model was generated of the Leduc and Cooking Lake formations based on the size and geometry of this reservoir and the reservoir characteristics including porosity (fluid storage) and permeability (fluid flow capability). The Cooking Lake Formation is a regional aquifer stratigraphically below, and hydrologically connected to, the Leduc Reservoir. From this model, the total volume of brine contained in the total reservoir was calculated. Realistic parameters were put in place within

the model to develop the total volume of water available to be extracted from the reservoir. This was combined with estimates on the dispersion of the injection water within the confined aquifer to determine the total producible volume of brine and calculate the Resource.

Optimized brine production from the reservoir requires that produced water, once stripped of lithium, is re-injected to maintain pressure support. To estimate the total extractable volume of brine, the 3-D model contemplated a well network containing a number of production wells paired with injection wells over a 5 km^2 area. Re-injection of brine will result in mixing of original brine and injected brine over time that will decrease the lithium concentration locally as well networks mature. This mixing effect is referred to as “dispersion”. Once a certain percentage of the injected water reaches the production wells within the well network, the network would be shut down and a new well network in an adjacent 5 km^2 area will begin producing in its place.

Interpolated lithium concentrations in the North Rocky Resource Area range from 26.7 mg/L to 61.3 mg/L and have a volume-weighted average concentration of 52.9 mg/L. No measurements were below the cut-off grade of 20 mg/L. The total volume of water in effective porosity is given in Table 1 and outlines the total drainable water in the reservoir. However, two factors significantly impact the amount of water available to be produced. The first is related to the fact that production wells have the ability to produce most of the water in their local drainage area, but multiple drainage areas cannot fit together seamlessly to sweep every drainable pore in the region. The second relates to the dispersion, or mixing, of the injected water (with little to no lithium) with lithium enriched formation water. Taking into account the hydrogeological properties of the reservoir, the model contemplates that each well network will be shut down once a certain percentage of the injected water reaches the production wells. To account for these at this early stage, a production factor was applied that describes how much water could be effectively produced from the reservoir without dilution from the injection water. A production factor of 50% was used as a conservative estimate on total producible water given dispersion and this was reported as the Resource (Table 1). To define this dispersion better, detailed mapping including mapping seismic for delineation of fractures, geophysical characterization and structural analysis along with production tests will be required at a later stage. This may indicate a higher production factor is appropriate for this reservoir.

Brine samples were collected from actively producing Leduc wells along the reef trend. The 13 wells located within or very near the North Rocky Resource Area were part of a 47 well sampling program (Figure 1) across the North Rocky Resource Area. A standard operating procedure (“SOP”) was developed to ensure samples were collected in accordance with NI 43-101 requirements. This ensured proper chain of custody and eliminated potential sources of contamination. The samples were analyzed at AGAT Laboratories in Calgary, AB, and check lab samples were analyzed at Maxxam Laboratories in Burnaby, BC. Both labs are accredited by the Canadian Association for Laboratory Accreditation Inc. E3 Metals’ SOP, Quality Control and Quality Assurance (QA/QC) protocols and the final assay results were reviewed Raymond Spanjers, who conducted a site visit on September 28, 2017.

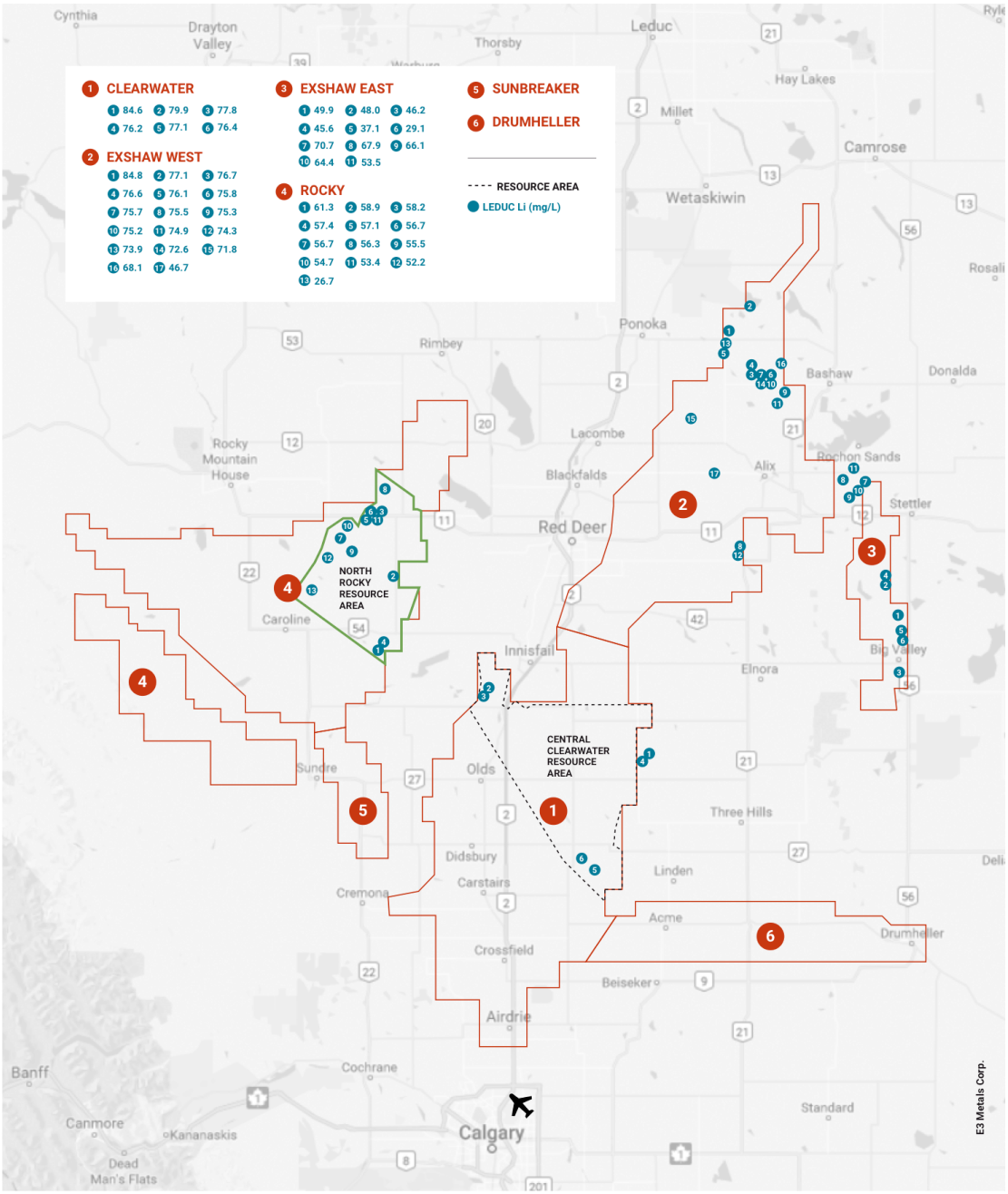

Figure 1 – Sampling results from 47 locations across the Leduc Reef Trend. The North Rocky Resource Area is outlined in green.

The model estimated the volume weighted average lithium concentration for the North Rocky Resource Area to be 52.9 mg/L. This was calculated using data from the thirteen wells in the Resource Area. Variography incorporated the analysis of all 47 wells across the entire Leduc reef trend (Figure 1) to

predict how lithium concentration varies spatially. The Resource estimations, lithium concentration, total volume, production volumes and production factors are presented in Table 1.

Well networks were developed to model the flow of the formation brine and the advective front of the lithium void injection water over time and space. Each well network design for the production of brine formation water in the North Rocky Resource Area includes one or more production wells, delivering 10,000 m^3-20,000 m^3 of brine to the surface per day. It is likely that E3 Metals will complete these wells in an area distal from oil and gas pools. The network also includes one to three injection wells placing the injected water at lower per-well volumes to control dispersion. It is possible for E3 Metals to collaborate with oil and gas operators in the area to add pressure support to the oil and gas pools by injecting this water proximal to the pools. This may also allow E3 Metals to repurpose existing infrastructure currently owned by oil and gas operators in these areas, creating an opportunity for these operators to reduce their well liability, which is an important issue in Alberta.

There is an abundance of existing oil and gas infrastructure in addition to wells that could be repurposed for lithium production, such as production facilities, lease clearings, electrical distribution, and pipelines. The development of a lithium asset in this area will also benefit from favourable accessibility on numerous main highways, rail lines and gravel roads that intersect the North Rocky Property. There are ample service companies with transferrable skills that could support the construction and execution aspects of project commercialization. Permitting for the Alberta Petro-Lithium Project falls under the AER for oil and gas development, an industry and permitting system that is well developed and well defined in Alberta.

Formation water from the Leduc Reservoir, pre-treated with the addition of Na_2CO_3 and filtration, was successful at removing a large percentage of Magnesium (Mg) and Calcium (Ca). The resultant lithium brine was compared to the feed composition going into the Tenova Technologies pilot plant utilized to test Clayton Valley, Nevada brine. The pre-treatment of Leduc Formation water showed that both Ca and Mg were reduced below the head grade of the Tenova pilot plant. Given the compositional similarities between the two, it is the opinion of the qualified person that the resulting product has the potential of being successfully processed utilizing the Tenova plant design. Brine from the Alberta Petro-Lithium Project has not been tested at the Pilot Plant and so additional testing is required to determine the economical parameters of the overall process flowsheet. In addition to review of the foregoing tests, E3 Metals has begun independent extraction technology testing, and will report on the progress of same in due course.

ON BEHALF OF THE BOARD OF DIRECTORS,

Chris Doornbos, President & CEO

E3 METALS CORP.

Chris Doornbos (P.Geo), CEO and Director of E3 Metals Corp., is a Qualified Person a as defined by NI 43-101 and has read and approved the technical information contained in this announcement.

Gordon MacMillan, P.Geol. QP and Wayne Monnery, P.Eng are responsible for the preparation of the technical information contained in this news release, and have reviewed and approved the use and disclosure of such information in this news release. Each of Messrs. MacMillan and Monnery are “Qualified Persons”, as that term is defined in NI 43-101.

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

This news release includes certain forward-looking statements concerning the potential of the Company's projects to produce saleable lithium byproducts, including LCE, the future performance of our business, its operations and its financial performance and condition, as well as management's objectives, strategies, beliefs and intentions. Forward-looking statements are frequently identified by such words as "may", "will", "plan", "expect", "anticipate", "estimate", "intend" and similar words referring to future events and results. Forward-looking statements are based on the current opinions and expectations of management. All forward-looking information is inherently uncertain and subject to a variety of assumptions, risks and uncertainties, including the speculative nature of mineral exploration and development, fluctuating commodity prices, the effectiveness and feasibility of emerging lithium extraction technologies which have not yet been tested or proven on a commercial scale or on the Company's brine, competitive risks and the availability of financing, as described in more detail in our recent securities filings available at www.sedar.com. Actual events or results may differ materially from those projected in the forward-looking statements and we caution against placing undue reliance thereon. We assume no obligation to revise or update these forward-looking statements except as required by applicable law.