

US Critical Metals Doubles Claims Package and Commences Exploration Program at Clayton Ridge Lithium Property

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Vancouver, May 18, 2022 - [US Critical Metals Corp.](#) (TSXV: USCM) ("USCM" or the "Company") is pleased to announce that it has staked and filed with the Esmeralda County and the Bureau of Land Management an additional 90 unpatented mining claims contiguous to the originally prospected Clayton Ridge claims block, and commenced exploration activities at the Clayton Ridge Lithium Property in the Esmeralda County, Nevada (the "Property").

The Property now spans 3,600 acres of highly prospective geology for lithium mineralization. Past field work focused solely on the original 90 claims and was limited to a total of 64 grab and soil samples. Though limited in scope, the historical programs were successful in identifying potentially economic grades of lithium across much of the Property, with samples averaging 517 parts per million of lithium and peaking at 950 parts per million. The mapping currently underway and sampling programs will expand significantly on the work previously completed with the objective to gathering valuable new data to assist with identifying targets for a maiden drill campaign anticipated in the latter half of 2022.

The initial exploration phase has begun and consists of geologic mapping of the project at a scale of 1:2,000. This scale will permit USCM to define the upper and lower contacts of the lithium-rich claystone beds exposed over the entire area. This exploration provides an indication of the productive thickness of the clay beds and supports the delineation of additional work, including more detailed sampling, drilling and possibly geophysics. Mapping will serve as the basis for the design of the rock and soil sampling programs along with the construction of geologic sections and isopach maps on the lithium bearing beds needed for the design of the upcoming drilling program.

Concurrent with geologic mapping of the Property, the Company is completing litho-geochemical sampling. This phase of exploration consists of collecting up to approximately 500 rock and soil samples from across the expanded project. Samples are being gathered from lithium-bearing claystone at or below the surface that appear to have been minimally weathered to obtain optimal results. In addition, samples are being collected throughout the property to fully characterize the lateral extent of lithium mineralization. Results will be valuable in further examining the relative grade and dissemination of lithium mineralization across the project. All samples will be taken to American Assay Laboratories in Sparks, Nevada, and the Company will release the results of these samples in due course.

Mr. Darren Collins, Chief Executive Officer and Director of USCM, comments: "Our Clayton Ridge Lithium Property is ideally situated, and unique, as technical studies have historically speculated that the lithium deposits in Clayton Valley, the only lithium producing region of the United States, potentially originated in the volcanic mountain basins and migrated into the lower valley system. Clayton Ridge represents one of these mountain basins. It is our expectation that this initial exploration program at Clayton Ridge will provide in-depth information utilized to guide our upcoming drill plans and enhance any estimates on lithium grade, continuity, and thickness."

About The Clayton Ridge Lithium Property

The Property is a lithium claystone deposit located in the Esmeralda County, Nevada on the east flank of the Clayton Valley, the only lithium producing region of the United States (the "US"). The Property is located just 18 kilometers west of Goldfield, Nevada and roughly 17 km southeast of Silver Peak, Nevada, lying within a topographic swale between the Montezuma Range and Clayton Ridge. The project is comprised of 180 unpatented lode mining claims, covering 3,600 acres, with easy driving access to all claims.

Historical rock grab samples on the Nevada Property were taken in July 2021, which revealed strongly anomalous lithium values across the entire section. A total of 64 samples were taken at this time, of which averaged 517 parts per million of lithium and peaked at 950 parts per million. All samples were tested by American Assay Laboratories in Sparks, Nevada. Lithium concentrations appear to be highest in finely laminated claystone beds.

The Property is one of several lithium projects in region. In addition to the only operating lithium producer in

the US (Albemarle), the Clayton Valley and immediate surroundings host several lithium projects ranging from early- to late-stage exploration (including, but not limited to, Noram Lithium, Pure Energy, American Lithium, Ioneer Ltd., Cypress Development and Spearmint Resources).

The scientific and technical information contained in this news release about the Property has been reviewed and approved by Robert J. Johansing, BSc. geology, MSc economic geology, who is an independent qualified person as defined in NI 43-101.

The Company has completed a National Instrument 43-101 - Standards of Disclosure for Mineral Projects compliant technical report in respect of the Property with the effective date of December 28, 2021, titled: "The Clayton Ridge Lithium Deposit, Esmeralda County, Nevada: Technical Report", which can be found on the Company's SEDAR profile at www.sedar.com.

About US Critical Metals Corp.

USCM is focused on mining projects that will further secure the US supply of critical metals, which are essential to fueling the new age economy. Pursuant to option agreements with private Canadian and American companies, USCM's assets consist of two option agreements, each providing USCM with the right to acquire a 100% interest in two mineral exploration projects. These projects include the Clayton Ridge Lithium Property, consisting of 180 unpatented mining claims, located in Nevada, and the Haynes Cobalt Property, consisting of 23 lode claims, located in Idaho. A significant percentage of the world's critical metal supply comes from nations with interests that are contrary to those of the US. USCM intends to explore and develop critical metals assets with near- and long-term strategic value to the advancement of US interests and that contribute to the US maintaining its leading global position in the green energy economy and technology.

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