Northcliff Reports on Critical Metal Technology Advances Faster Charging of Batteries

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VANCOUVER, Oct. 11, 2022 - Northcliff Resources Ltd. ("Northcliff" or the "Company") (TSX: NCF) is pleased to repor and interesting technology advancements using tungsten that could lead to faster charging of batteries, potentially solvi hindrance in the transition to a greener economy.

Nyobolt Limited ("Nyobolt") is commercializing lithium-ion batteries with record power density and ultra-fast charge capa Nyobolt's technology builds on a decade of fast charge lithium-ion battery research led by University of Cambridge batt Professor Dame Clare Grey. Nyobolt's unique niobium and tungsten-based anode systems show superior performance Li-ion anode technologies. Advantages include:

- Charging time: >90% charged in <5 minutes
- Higher input power density: 10x power addresses range anxiety and allows for smaller and lighter batteries
- Longer durability: 10x durability resulting in lower total cost of ownership for battery lifetime
- Improved safety: wider temperature performance and reduced fire risk

Such capabilities enable new applications and enhanced customer experience with target end uses being high perform industrial vehicles, automation (robotics), consumer appliances, cordless tools, stationary storage and mobile rapid cha

Researchers at the Department of Energy's Oak Ridge National Laboratory and the University of Tennessee, Knoxville a key material needed for fast-charging lithium-ion batteries. The commercially relevant approach opens a potential pat improve charging speeds for electric vehicles. Results published in Advanced Energy Materials demonstrate a novel fa battery anode material achieved by using a scalable synthesis method. The team discovered a novel compound of molybdenum-tungsten-niobate, or MWNO, with fast rechargeability and high efficiency that could potentially replace gra commercial batteries[2].

Andrew Ing, Northcliff's CEO, states "We are encouraged by the development of these technologies that may play an in part in the energy transition, further signifying the critical importance of tungsten and molybdenum. Tungsten and molyb listed as critical metal in Canada, tungsten in the United States and numerous other countries, and successful commer the new technology could positively impact the demand for tungsten and molybdenum."

About Northcliff Resources Ltd.

Northcliff is a mineral resource company focused on advancing the feasibility-stage Sisson tungsten-molybdenum proje in New Brunswick, Canada, to production. Additional information on Northcliff is available on the website at www.northcliffresources.com. Investor services can be reached at (604) 684-6365 or within North America at 1-800-667

Andrew Ing
President & CEO

Forward-Looking Information

This news release contains forward-looking information based on current expectations. Forward-looking information is p the purpose of presenting information about management's current expectations and plans relating to the future and rea cautioned that such statements may not be appropriate for other purposes. Forward looking information may include, w limitation, the opinions or beliefs of management, prospects, opportunities, priorities, targets, goals, ongoing objectives milestones, strategies, and outlook of Northcliff, and includes statements about, among other things, future developmen future operations, strengths and strategy of Northcliff. Generally, forward looking information can be identified by the us looking terminology such as "plans", "expects" or "does not expect", "is expected", "budget", "scheduled", "estimates", " "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or state that certa events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved". These statements should as guarantees of future performance or results. These statements are based upon certain material factors, assumptions analyses that were applied in drawing a conclusion or making a forecast or projection, including Northcliff's experience

perceptions of historical trends, the ability of Northcliff to maximize shareholder value, current conditions and expected developments, as well as other factors that are believed to be reasonable in the circumstances.

Although such statements are based on management's reasonable assumptions at the date such statements are made be no assurance that it will be completed on the terms described above and that such forward-looking information will p accurate, as actual results and future events could differ materially from those anticipated in such forward-looking infor Accordingly, readers should not place undue reliance on the forward-looking information. Northcliff assumes no respon update or revise forward-looking information to reflect new events or circumstances unless required by applicable law.

For additional information regarding forward-looking statements and their related risks, please refer to the "Risk Factors the Annual Information Form of the Company for the year ended on October 31, 2021, which is available on the Compa SEDAR profile at www.sedar.com.

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[1] https://www.hcstarck.com/en/h-c-starck-invests-in-nyobolt-an-ultra-fast-charging-ultra-high-power-density-battery-busi
[2] https://techxplore.com/news/2022-09-lithium-ion-battery-material-barrier-fast.html

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