

Pre-Drilling Geophysical Survey Program Conducted at Apex's Lithium Creek Project

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Vancouver, April 22, 2025 - [Apex Resources Inc.](#) (TSXV: APX) (OTC Pink: SLMLF) ("Apex" or the "Company") is pleased to announce the initiation of Gravity* and Hybrid-Source Audio-Frequency Magnetotelluric** ("HSAMT") geophysical surveys in the Company's Fernley Sink target area of the Lithium Creek Project (the "Project") located in Churchill County, Nevada. These surveys will provide critical data for detailed drill hole targeting to test the Company's promising new discovery of what may be the only viable lithium brine district outside of Clayton Valley. This will support the on-going expanded lithium brine exploration, providing targets for the maiden drilling program at the Project.

The Company expects to report final geophysical results and approximate drill targets once all surveys are completed and all data are compiled and interpreted.

Permitting will commence following the Company's selection of drill sites.

* Gravity surveying is a passive geophysical method that measures small variations in the Earth's gravitational field to infer subsurface density contrasts. It does not require an artificial energy source; instead, a highly sensitive gravimeter detects differences in gravitational acceleration that result from changes in rock and sediment density beneath the surface. These variations help identify geological structures such as sedimentary basin geometry and fault structures.

Gravity surveys are effective for mapping density variations at depths ranging from near-surface to several kilometers, depending on the scale of the anomaly and the density contrast of lithologies. While the vertical resolution is generally lower than electromagnetic or seismic methods, the technique offers excellent lateral resolution and is particularly useful in identifying broad structural trends and delineating large-scale geologic features.

A gravity survey field crew typically includes two to three people, equipped with a gravimeter, GPS system, and data logger. Surveys are often conducted on foot or with a lightweight vehicle, making gravity methods highly portable and minimally invasive. This makes them ideal for regional reconnaissance, remote terrain, and environmentally sensitive areas where larger-scale geophysical setups are impractical.

** Hybrid-source Audio-frequency Magnetotellurics (HSAMT) is a type of electromagnetic (EM) surveying that combines natural-source magnetotelluric (MT) signals with a portable, controlled-source transmitter typically placed near the receiver in the near field. This hybrid approach enhances signal strength and data quality in environments where natural-source signals are weak or inconsistent. Unlike early CSAMT methods, HSAMT does not rely on far-field transmitter placement, allowing for greater flexibility and reduced logistical complexity in the field.

HSAMT is effective for mapping the subsurface in the 20 to 1,000-meter depth range. Vertical resolution generally ranges from 5 to 20% of the investigation depth. As with other EM methods, the depth of investigation depends on the frequency of the transmitted signal and the resistivity of the subsurface: lower frequencies and higher resistivity tend to yield deeper penetration.

A HSAMT field crew typically consists of three to four people and requires only one vehicle, as the transmitter and receiver are often co-located or placed within a short distance of each other. This makes HSAMT particularly well-suited for surveys in rugged terrain or areas where deploying long transmitter-receiver offsets is impractical.

About Apex Resources Inc.

Apex is a mineral exploration company engaged in the business of the acquisition, exploration and development of mineral resource properties.

The Company's Lithium Creek Project is located 70 km east of Reno, Nevada. The Project is a new, district scale exploration project that has never been systemically explored or drill tested for lithium brines. The Project covers approximately 8,240 acres and adjacent lands within the laterally extensive Fernley and Carson Sinks. These sinks have large expansive playas and lay within large hydrographic basins with a combined area of approximately 1.4 million-acres.

The Project is located within 30 minutes of the Nevada lithium battery hub of the Tahoe-Reno Industrial Center ("TRIC") via Interstate Highway I-80, and is ideally located and supported by extensive infrastructure to include existing roads, railroad access, fiber optics and geothermal power. TRIC is a privately owned 107,000-acre (167 sq mi; 430 km²) industrial park, located in Storey County, east of Reno, Nevada. The center is the largest in the United States (third largest in the world) and is home to more than a hundred companies and their warehouse logistics centers and fulfillment centers such as PetSmart, Home Depot, Walmart and others. The Gigafactory Nevada was built there to serve Tesla, Inc. and Panasonic.

The technical information in this news release, prepared in accordance with Canadian National Instrument 43-101 standards, has been reviewed and approved by Geoffrey Baldwin (PG), (SME-RM), a Qualified Person, who is independent of Apex.

On Behalf of the Board of Directors of
Apex Resources Inc.
Ron Lang,
President & CEO

Ph. +1(250) 212-7119 or info@apxresources.com website: www.apxresources.com

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