

Liberty Star Hay Mountain Update: ZTEM Survey Overflight Completed

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TUCSON, Ariz. -- (BUSINESS WIRE) -- [Liberty Star Uranium & Metals Corp.](#) ("Liberty Star" or the "Company")(LBSR: OTCQB) is pleased to announce that its geophysics contractor, Geotech Ltd., has reported the completion of all ZTEM survey overflights surveying the Company's Hay Mountain property and surroundings. The ZTEM survey entailed 1,805 line kilometers @ 200 meters and 400 meters line spacing, and approximately 8 meters between samples (readings) along each line. Porphyry coppers, other mineral bodies and geologic features have distinctive characteristics which can be detected and interpreted by ZTEM technology, which allows modeling or "seeing" conductive or resistive features from a few hundred feet (100 meters) to depths as much as 6,000 feet (2,000 meters).

As previously stated (NR 155), the speed of completion of the survey was dependent on how many flying hours were available each day. This is now monsoon season in southeast Arizona, and the survey craft was not flown during periods of turbulent air due to heat and thunderstorms. Flights started at daybreak and were scheduled to terminate either at dusk or when turbulence was encountered. Notes Company CEO and Chief Geologist Jim Briscoe, "We monitored weather reports from the Hay Mountain vicinity constantly. The Cochise County area has received record amounts of rainfall during the last 10 days, and in particular the last week. As an example, the village of Palominas, only a few miles from the survey's SW edge, where 5.5 inches fell in an hour, was devastated and has been cut off from road access. Despite these frequent and heavy periods of air turbulence, lightning storms and rainfall, Geotech's tenacious field staff was able to complete a phenomenal amount of work, while remaining vigilant in watching for the safety of staff and equipment. I am a southern Arizona native and understand the unpredictability and dangers of the monsoon season. The Geotech flight and field crews do too."

The flight data from Saturday morning's final flight lines have been transmitted to Geotech's Toronto area headquarters, where they, as all previous flight line data, are being checked for any data collection errors. As of Monday morning about 10 a.m., Geotech's Toronto area office emailed Liberty that all tests are complete – the data is accurate and complete and the aircraft is leaving for the next job. Continues Briscoe: "If there were any problem areas, they would have been surveyed again, and rechecked until all was correct. It now is. This penchant for good data is important to Geotech and Liberty Star. We put our faith in them."

The geophysical electromagnetic and magnetic data collected by the ZTEM survey will be processed and interpreted by Geotech Ltd., in collaboration with Liberty Star, within about two to four weeks after the overflight and check. The new data sets will then be transmitted to Liberty Star, where they will be combined with the Company's many geologic and geochemical maps into GIS (Geographic Information Systems, ESRI – computer maps) and will undergo interpretation. Concludes Briscoe, "We will then be able to draw conclusions and readjust drill targets. This interpretation and refinement will continue throughout the exploration of Hay Mountain."

"James A. Briscoe"

James A. Briscoe, Professional Geologist, AZ CA

CEO/Chief Geologist, Liberty Star Uranium & Metals Corp.

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