



**RAMP GEOLOGICAL SERVICES INC  
SYSTEM ROLLOUT  
PINEHOUSE SASKATCHWAN**

Summer 2023

Background

The direct relationship between radioactive elements and many critical minerals has supported successful use of gamma ray spectrometry to discover deposits of rare earths, lithium and other commodities such as uranium. If you are exploring for these minerals, you're likely already incorporating airborne and ground spectrometric methods into your strategy. Conventional airborne surveys are flown along pre-defined flight paths at regular line spacings (typically 100-200m or wider), fixed survey height and flight speed, with positive results in the form of anomalies of interest. Conventional ground follow-up requires ground teams to mobilize, find suitable landing sites (if available), locate the anomaly source using handheld instruments, conduct a survey over that area to define the anomaly footprint and locate suitable sampling sites. This work may require setup of camp(s) and daily helicopter support to ferry crews into difficult terrain where drainage, cliffs, deadfall, and other features limit mobility. As a result, several days may be required at each anomaly. Evaluation of multiple anomalies can take weeks or months of field work. More importantly, better sources lying between the airborne flight lines may go undetected by airborne or groundwork.

RAMP Innovation

RAMP-HD (Rapid Airborne Mineral Prospecting-High Definition) system is designed to quickly pin-point and fingerprint in real-time, individual occurrences within and between anomalies only broadly defined by the conventional geological, geochemical, or airborne surveys. RAMP achieves spatial resolutions that are not possible with conventional airborne methods and are difficult to obtain using ground methods.

RAMP's unique methodology flies lower and slower to improve data density, is unconstrained by predefined flight paths, and allows complete anomaly delineation with high spatial definition. Our geophysicists monitor real-time data to direct the flight crew, while adopting a free-style flight approach. This accurately defines anomaly footprints that can more readily be interpreted in geological terms, improving your exploration model. The RAMP data guides your ground crews directly to the highest priority targets, saving you a large amount of time and money by eliminating unnecessary groundwork.

RAMP Rollout: June 22-30, 2023

RAMP has contracted projects in your area during the period June 22nd through the 30th, with availability June 26-30, 2023. An opportunity exists to fly the RAMP system on your projects and save mob and de-mob costs in this time frame.

If you are exploring for critical minerals, stop wasting time and money wearing out boots. RAMP's high definition "Rapid Airborne Mineral Prospecting" system will get your boots where they need to be, sooner.

**Shorten your Time to Discovery!**

**To secure a time in the savings period above, another time, more information, or a detailed quote; please contact us, [rsdives@rampgeo.com](mailto:rsdives@rampgeo.com) 1-613-882-1755 [www.rampgeo.com](http://www.rampgeo.com)**

Kindest Regards,

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President  
RAMP Geological Services Inc.