

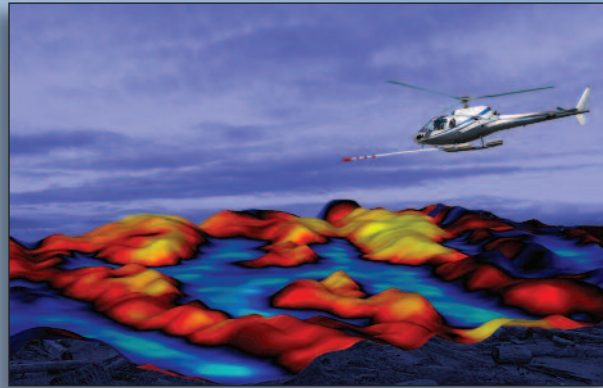
**Precision GeoSurveys Inc.** specializes in helicopter-borne, low-level, high resolution geophysical surveys for mineral exploration, oil & gas exploration, and geological investigations.

Airborne geophysical surveys are often the most effective and rapid means of evaluating mineral potential in both unexplored areas and mature mining regions. Powerful on-board computers, GPS navigation and sensitive detection instruments provide high quality data — often better and more affordable than equivalent ground surveys.

**Precision GeoSurveys**  
*...dedicated to providing superior geophysical data at competitive prices.*

Helicopters are unique in their ability to fly at low survey speeds, provide close terrain following, and safely navigate mountainous terrain without the compromises of fixed wing aircraft. Combine these data quality benefits with a helicopter's ability to re-fuel on the job site, and the cost-competitiveness of a helicopter becomes clear.

With geophysical survey experience around the world, we have successfully operated in arctic tundra, mountains, deserts, and rain forests. We can provide all logistical support, data collection, data processing and reporting services to provide our clients with a complete survey package.



**If you're in the mineral exploration business, contact us to find out how we can help!**

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**Precision**  
GeoSurveys Inc.



# Innovative Geophysical Solutions

for  
Mineral  
Exploration



Airborne  
geophysical  
surveys

**Precision**  
GeoSurveys Inc.

Precision GeoSurveys uses its own helicopters and state of the art geophysical equipment to help control costs and schedules. The flight crew consists of a skilled pilot and a geophysical operator. Our pilots are trained on our accurate navigation system to fly surveys safely, effectively and at low elevation; trained operators perform real-time QC to provide high quality data collection.

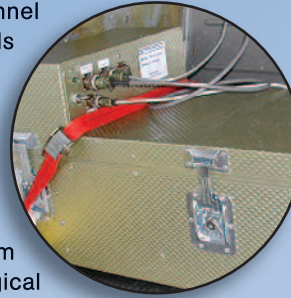
## Consider the Airborne Advantage

- Low-cost coverage
- Accurate GPS positioning
- Rapid turn-around of results
- Integrated multi-sensor data
- Consistent coverage
- Minimal environmental impact
- Self-sufficient survey operations
- Year-round capabilities



The **Airborne Geophysical Information System (AGIS)** installed in Precision's Bell 206B JetRanger III helicopter. This powerful computer combines a fully digital data logger, moving map display, GPS navigation, and real-time QC software.

**Radiometrics:** Multi-channel gamma detection crystals installed in the helicopter cargo box allow low level, terrain-draping flights critical for maximum resolution. Spectrometer data are a powerful tool for mapping alteration patterns, uranium exploration, and geological mapping.

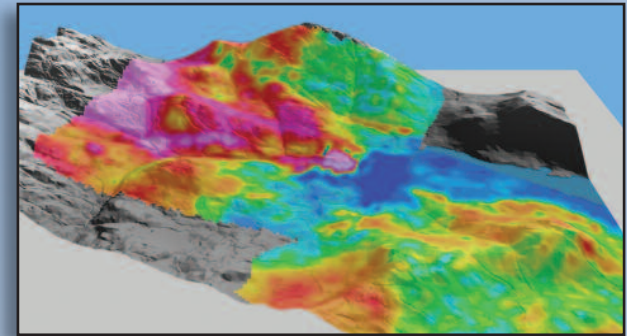


**Magnetics:** Precision's custom fabricated boom assembly is ideal for mountain and low level surveying. The boom houses a Scintrex CS-3 cesium vapor magnetometer which has a sensitivity exceeding 0.01 nT. Magnetic surveys are well known for mapping lithology, alteration, and structure in hard and soft rock environments.

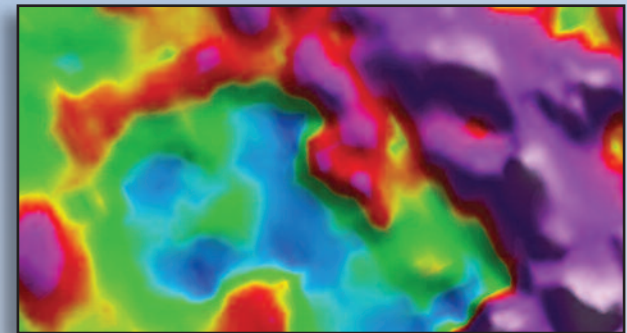


**Electromagnetics:** Precision's Hummingbird EM system is used to measure conductivity. Its lightweight design and multi-frequency capability make it ideal for mapping geological features such as massive sulfides, certain styles of alteration, and kimberlite pipes. This is the world's only operational, fully digital, frequency-domain helicopter EM system and uses multiple simultaneous frequencies of 880, 980, 6600, 7000, and 34,000 Hz.

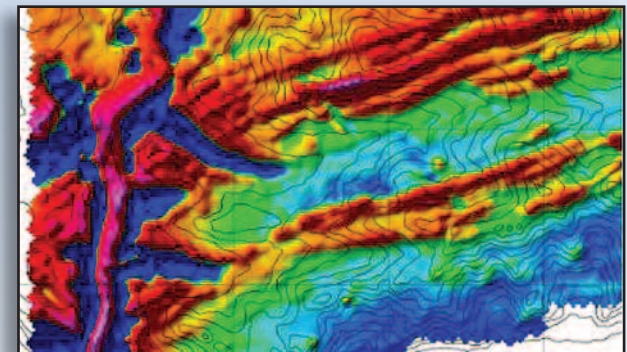
Preliminary data are provided daily on the job site, allowing for immediate error checking and follow-up. Our geophysicists then process the data using advanced software, providing maps that are ready for more detailed interpretation.



Total count radiometrics showing anomalous radioisotope concentrations associated with REE mineralization.



Total field magnetics showing mag low over intrusive complex with mag high over hornfelsed contact zone. Gold mineralization in faulted contact zone.



Total field magnetics over sedimentary sequence cut by mineralized ultramafic dike.