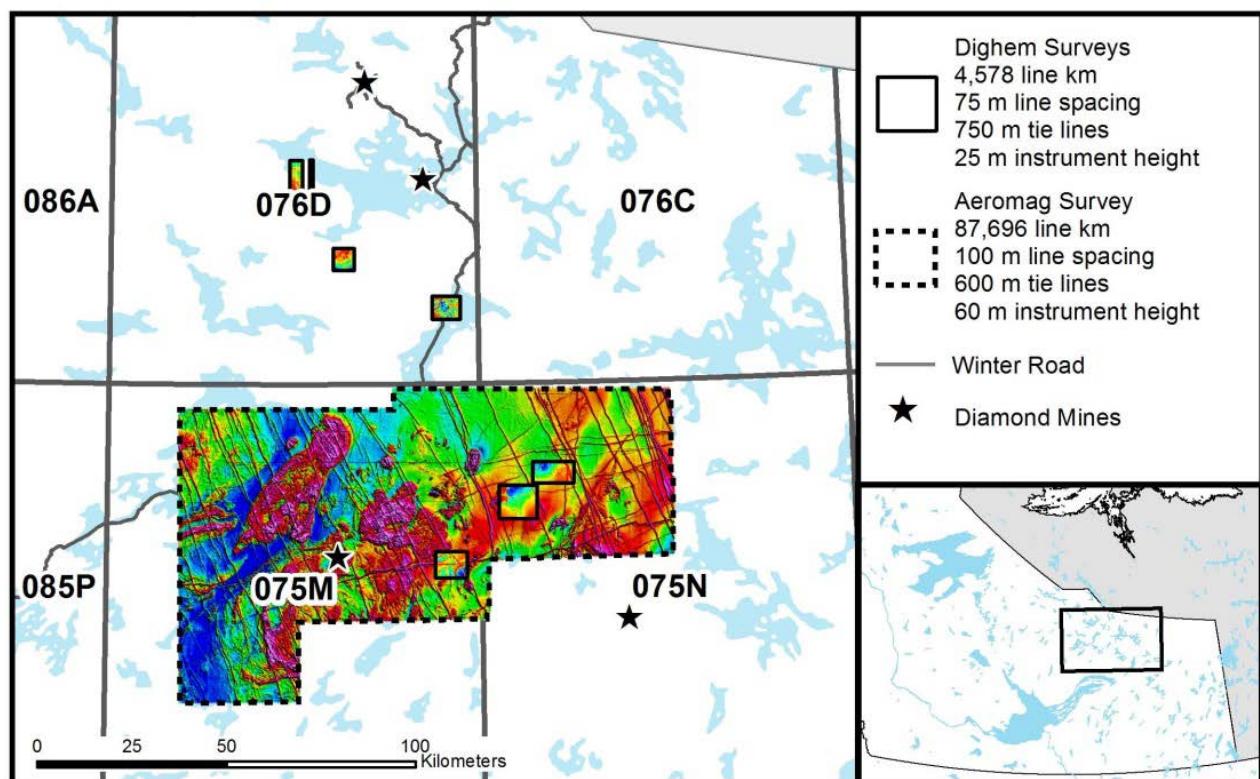


## Backgrounder

- Two new reports will provide additional insights for prospectors and mineral development companies interested in exploration in the central Slave Geological Province of the Northwest Territories (NWT). The region is highly prospective for diamond, gold, and base metal exploration.
- The new publications are:
  - **NWT Open Report 2017-014.** Aeromagnetic Survey of the Central Slave Craton, NWT, Parts of NTS 75M and 75N
  - **NWT Open Report 2017-015.** Airborne Electromagnetic and Horizontal-Gradient Magnetic Survey of the Central Slave Craton Area, NWT, Parts of NTS 75M, 75N, and 76D
- Public geoscience information of this type provides a “roadmap” that helps to focus exploration efforts to the most mineral-prospective regions, thereby increasing exploration attractiveness and decreasing the regional footprint of exploration.
- The high-resolution data can provide valuable information on bedrock type, geological structures, and potential mineral deposits. This information is used by stakeholders to enhance geoscience knowledge, advance mineral exploration, and inform land use planning decisions.



- **Magnetic Survey**

Between February 15 and April 20, 2017, an airborne magnetic survey was conducted for the NTGS by EON Geoscience Inc. in parts of National Topographic System (NTS) 75M and 75N. This survey consisted of one block of 87,696 line km with 100 m line spacing, 600 m tie line spacing, and 60 m instrument height.

- **Electromagnetic Survey**

Between February 19 and March 31, 2017, an airborne electromagnetic and horizontal-gradient magnetic survey was conducted for the NTGS by CGG Canada Services Ltd. in parts of NTS 75M, 75N, and 76D. A total of 4,578 line km was flown over six blocks with line spacing of 75 m, tie lines spaced at 750 m, and towed instrument height of 25 m.

- **More information**

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