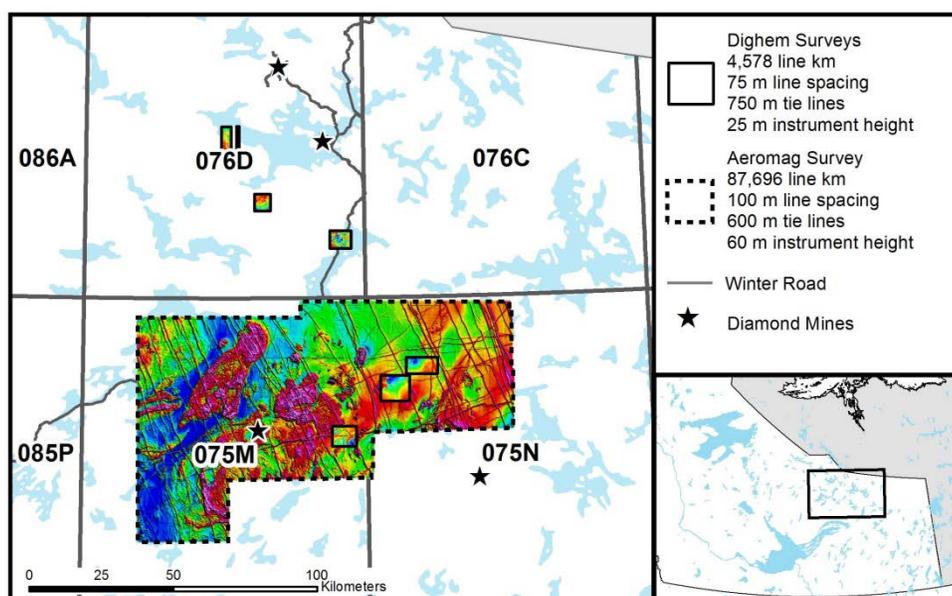


Backgrounder

- Two new reports will provide additional insight for prospectors and mineral development companies interested in exploration in the Slave Geological Province of the Northwest Territories (NWT). The work was funded by a joint-agreement between the NTGS and the Canadian Northern Development Agency (CanNor) to inform a variety of mineral exploration, geological and environmental research objectives. The new publications are:
 - **NTGS Open Report 2017-014.** Aeromagnetic Survey of the Central Slave Craton, NWT, Part of NTS 75M and 75N
 - **NTGS Open Report 2017-015** Airborne Electromagnetic and Horizontal-Gradient Magnetic Survey of the Central Slave Craton Area, NWT, parts of NTS 75M, N, and 76D
- Public geoscience information of this type provides a “roadmap” that helps to focus exploration efforts in the most mineral-prospective regions, thereby increasing exploration attractiveness and decreasing the regional footprint of exploration.
- The high-resolution data in these reports can provide valuable information regarding bedrock, geological structures and potential mineral deposits. This data can be used by stakeholders to enhance the geoscience knowledge, advance mineral exploration, and inform land use planning decisions in the central Slave craton.



- **Magnetic Survey**
During the winter of 2017 (February 15th to March 31st 2017), an airborne magnetic survey in parts of National Topographic System (NTS) 75M and N was conducted for the NTGS by EON Geoscience Inc. This survey consisted of one 87,696 line km block with 100 m line spacing, 600 m tie lines and 60 m instrument height.
- **Electromagnetic Survey**
During the winter of 2017 (February 19th to March 31st, 2017), an airborne electromagnetic and horizontal-gradient magnetic survey in parts of NTS 75M, N, and 76D was conducted for NTGS by CGG Canada Services Ltd. This 4,578 line km survey consists of six blocks of ground with line spacing of 75 m, tie lines spaced at 750 m and instrument height of 25 m.
- **More information**
For more technical information on these survey, clients should be directed to Asif Mirza, Geophysicist, (867) 767-9211 x63203, Asif.Mirza@gov.nt.ca or Barrett Elliott, Diamond Geologist (867) 767-9211 x63210 Barrett.Elliott@gov.nt.ca