Geological Survey of Canada Canadian Geoscience Maps

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Geology based on the interpretation of satellite imagery and aerial photography by N. Boulianne-Verschelden and field work in 2016 by N. Boulianne-Verschelden and V. De Bronac de Vazelhes. Modified from preliminary map of R.D. Thomas (1979)

Geological compilation by N. Boulianne-Verschelden, 2018 and 2019

Geology conforms to Surficial Data Model v. 2.4.0

(Deblonde et al., 2019).

Detailed methods and description of units provided in GSC Open File 8651

(Boulianne-Verschelden et al., 2019)

Mapping completed as part of MSc thesis work under the co-supervision of Dr. Isabelle McMartin and Prof. Georges Beaudoin within the NSERC—Agnico Eagle Industrial Research Chair in Mineral Exploration at Université Laval.

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SURFICIAL GEOLOGY

AMARUQ DEPOSIT AREA

Kivalliq Region, Nunavut

NTS 66-H southeast

1:50 000

Map projection Universal Transverse Mercator, zone 14
North American Datum 1983

Base map at the scale of 1:50 000 from Natural Resources Canada, with modifications
Elevations in metres above mean sea level

Shaded-relief image derived from the digital elevation model supplied by Geospatial Data Extraction CDED
Illumination: azimuth 315°, altitude 45°, vertical factor 1x

Magnetic declination 2022, 1°31′W, decreasing 10′ annually

This map is not to be used for navigational purposes.

Title photograph: Amaruq exploration camp in July 2016 with thin reworked till in front and predominantly thicker till in the background. Photograph by I. McMartin. NRCan photo 2020-427

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Data may include additional observations not portrayed on this map. See map info document accompanying the downloaded data for more information about this publication.

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NATURAL RESOURCES CANADA
GEOLOGICAL SURVEY OF CANADA
CANADIAN GEOSCIENCE MAP 441
SURFICIAL GEOLOGY
AMARUQ DEPOSIT AREA
Kivalliq Region, Nunavut
NTS 66-H southeast