Geological Survey of Canada Canadian Geoscience Maps

Geology by D.E. Kerr, based on airphoto interpretation in 2018 and 2019 of 1:60 000 scale photos taken in 1955 to 1958, and limited fieldwork in 1986 and 1987; striations from Bird and Bird (1961) and unpublished field manuscript map by W. Blake Jr., Operation Bathurst Geology conforms to Surficial Data Model v. 2.4.0 (Deblonde et al., 2019). Geomatics by L. Robertson and J. Kingsley

Scientific editing by L. Ewert Initiative of the Geological Survey of Canada, conducted under the auspices of the Supporting Adaptation in Permafrost Regions project as part of Natural Resources Canada's Climate Change Geoscience program Map projection Universal Transverse Mercator, zone 13 North American Datum 1983

CANADIAN GEOSCIENCE MAP 427 RECONNAISSANCE SURFICIAL GEOLOGY **TINNEY HILLS** NTS 76-J 1:125 000 2 0 2 4 6 8 10 km

74 76 78 80 82 84 86 88 90 92 94 96 98 400 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 40' 30' 20' 10' 107°00' 50' 40' 30' 20' 11

with modifications Elevations in metres above mean sea level Mean magnetic declination 2022, 10°36'E, decreasing 4.6' annually Readings vary from 9°24'E in the NE corner to 11°40'E in the SW corner of the map. This map is not to be used for navigational purposes.

Base map at the scale of 1:50 000 from Natural Resources Canada,

Title photograph: Fluted till plain dissected by meltwater channels, Nunavut. Photograph by the National Air Photo Library. NAPL photo A16126-9 The Geological Survey of Canada welcomes corrections or additional information from users (gscpublications-cgcpublications@nrcan-rncan.gc.ca). Data may include additional observations not portrayed on this map. See map info document accompanying the downloaded data for more information about this publication. This publication is available for free download through GEOSCAN (https://geoscan.nrcan.gc.ca/).

Kerr, D.E., 2022. Reconnaissance surficial geology, Tinney Hills, Nunavut, NTS 76-J; Geological Survey of Canada, Canadian Geoscience Map 427, scale 1:125 000. https://doi.org/10.4095/321821

Escarpment, active

Scar, small, direction known

Ice-flow direction unknown

Ice-flow direction known

Crossed, 1 = oldest, 2 = youngest

Operation Bathurst Inlet, 1962

Bathurst Inlet, 1962

Remote observation, W. Blake, Jr., unpublished fieldnotes, Operation

Ground observation, stratigraphic section with number (Kerr, 1994)