



LEGEND

QUATERNARY PLEISTOCENE-RECENT
Qu Unconsolidated glacial drift, with associated marine, lake river and bog deposits

CENOZOIC
HADRYNIAN
Hd Dyke dykes

APHEBIAN
Ag Granite and quartz monzonite, mainly coarse grained and unfoliated

PROTEROZOIC
APS Interlayered pelitic and psammic schist and gneiss, with uncommon but widespread lenses of fine grained calc-silicate gneiss

APR Graphic, sulphide and rusty weathering schist; probably metamorphosed silicate and sulphide facies iron formation

APa Mafic gneiss

APC Marble and calc-silicate gneiss

APq Quartz-muscovite gneiss and orthoquartzite

APT Quartzfeldspathic gneiss and orthoquartzite, contains some sillimanite-garnet-biotite schist layers; probably an upper amphibolite grade equivalent to map unit Agn

ARCHEAN
HENRY KATER GNEISS COMPLEX
AKgn Layered gneiss-granodiorite-tonalite gneiss with locally abundant amphibolite lenses

Geological boundary (defined, assumed)

Layering, general trend, visible on airphotos

Compositional layering (horizontal, inclined, vertical)

Mineral foliation (inclined, vertical)

Fold axial surface (inclined, vertical)

Mineral lineation, trend and plunge

Fold axis, trend and plunge

Dyke (defined, approximate-assumed, inferred from aeromagnetic data)

Location of isotopic age determination sample (material, dating method, age in millions of years)

Material: b, biotite; m, muscovite; z, zircon

Dating method: K, Potassium-Argon; R, Rubidium-Strontium;

U, Uranium-Lead; c, concordia; e, errorchron; i, isochron

④ mk1805

Mineral occurrence (fanstallite)

Ta X

Geology by J.R. Henderson, M.N. Henderson, G.R. Tippett, R. Anderson, S. Aungst, D. Brown, P. Macellan and G. Peterson, 1979; reconnaissance by G.D. Jackson, S.L. Blasius, W.J. Crawford, A. Davidson and W.C. Morgan, 1969

Compilation and interpretation by J.R. Henderson, 1981

Geological cartography by I.A. Coulthart Geological Survey of Canada

Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

Base map assembled by the Geological Survey of Canada from maps published at the same scale by the Surveys and Mapping Branch in 1968 and 1987

Copies of the topographical editions covering this map area may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa, Ontario, K1A 0E9

Mean magnetic declination 1984, 52°38' West, decreasing 28.1' annually. Readings vary from 54°05' in the NE corner to 51°06' in the SW corner of the map area

Elevations in feet above mean sea level.
East of longitude 68°00', contour interval is 100 feet.
West of longitude 68°00', the interval is 500 feet

Recommended citation:

Henderson, J.R.
1981: Geology, McBeth Fiord-Cape Henry Kater
District of Franklin, Northwest Territories
Geological Survey of Canada, Map 1605A, scale 1:250 000

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