

- LEGEND
- QUATERNARY
15 Glacial, fluvial and lacustrine deposits (Qf, Off, Ql, Qm);
marine and estuarine deposits (Qe); 15a, pediment surfaces with
thin cover of colluvium and/or organic deposits (Q).
- TERTIARY
14 Reindeer Formation, Aklak Member: clastics and coal (Tak); 14a,
Moose Channel Formation: sandstone and mudstone (TmC1, TmC2, TmC3).
- CRETACEOUS
13a, Tent Island Formation (Kt1) and Cuesta Creek Member: clastics
(Kc1); 13b, Boundary Creek Formation: shale (Kbc); 13c, unnamed shale,
sandstone and phosphatic iron formation (Kbr); 13d, unnamed conglomerates
(Kcr); 13e, sandstone (Kus); 13f, shale and siltstone (Kush); 13g,
white and coaly quartzite (Kq, Kq1, Kq2, Kq3); 13h, bluish grey shale
(Kbs); 13i, sandstone (Kiss).
- JURASSIC AND CRETACEOUS
12 Husky Formation: shale (Kh); 12a, Kingak Formation: shale (Kk); 12b,
undivided clastics (KJ).
- JURASSIC
11 Unnamed sandstone (Jpo); 11a, Bug Creek Formation: sandstone (Jbc, Jbc1,
Jbc2, Jbc3).
- TRIASSIC
10 Shublik Formation: limestone and siltstone (Trs).
- PERMIAN
9 9a, undivided clastics and carbonates (P, P0, P1, P2, P3); 9c, Sadlerochit
Formation: undivided clastics (Ps, Pso).
- CARBONIFEROUS
8 Kayak Formation: clastics, limestone and coal (Kc); 8a, Kekiktuk
Formation: conglomerate and sandstone (Kck); 8b, Lisaurme Group:
undivided carbonates and clastics (C).
- DEVONIAN
7a, Ogilvie Formation: limestone (Do); 7e, granite (Gs, Gf, Gam).
- SILURIAN AND DEVONIAN
6 Orange and grey dolomite (Sdg).
- ORDOVICIAN AND SILURIAN
5a, unnamed shale and quartzite (Osh).
- CAMBRIAN AND ORDOVICIAN
4a, Road River Formation: shale and chert (EOR).
- MIDDLE AND UPPER CAMBRIAN
3a, unnamed volcanoclastics and limestone (Ems, Emv).
- LOWER CAMBRIAN
2a, unnamed limestones and bioherms (El).
- HELIKIAN
1a, Neroukuk Formation: clastics and carbonates (En); 1b, Neroukuk
Formation: phyllite and quartzite (Enq); 1c, Neroukuk Formation:
limestone and phyllite (Enl); 1d, Neroukuk Formation: phyllite and
quartzite (Enq); 1e, Neroukuk Formation: siltstone (Eni); 1f, Neroukuk
Formation: phyllite and quartzite (Enq); 1g, Neroukuk Formation:
phyllite (Enl); 1h, Neroukuk Formation: quartzite (Eno).

Geological boundary.....
Fault.....
No analytical result.....

This legend was modified and the geology derived for this geochemical map from
Geological Survey of Canada, Open File 499

Geological Survey of Canada
Resource Geophysics and Geochemistry Division

CONTRACTORS
Sample collection by BEMA Ltd.
Sample preparation by Golder Associates
Uranium in sediment chemical analyses by Atomic Energy of Canada Ltd.
Other sediment chemical analyses by Chemex Labs Ltd.
Water chemical analyses by Barringer Magenta Ltd.

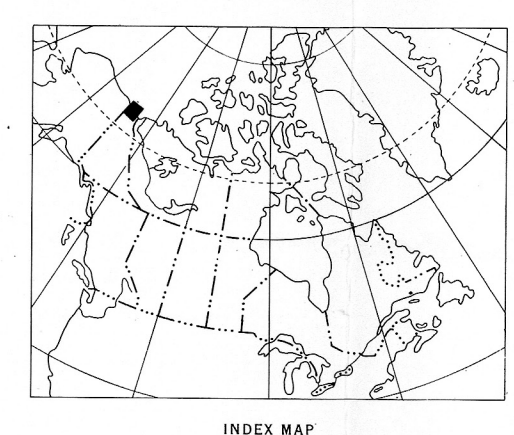
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for stream waters, and 1 each for sample site location and water pH.

Copies of map material and listings of field observations and
analytical data, from which the material was prepared, may be
available at users expense by application to:

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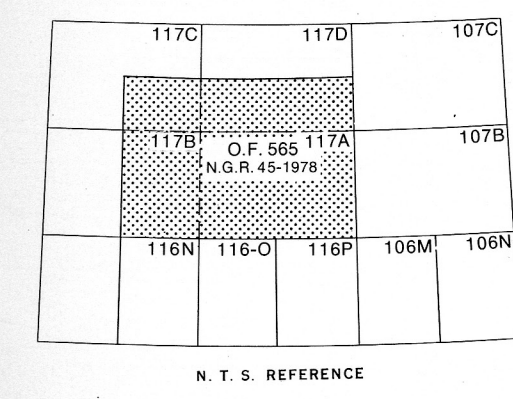
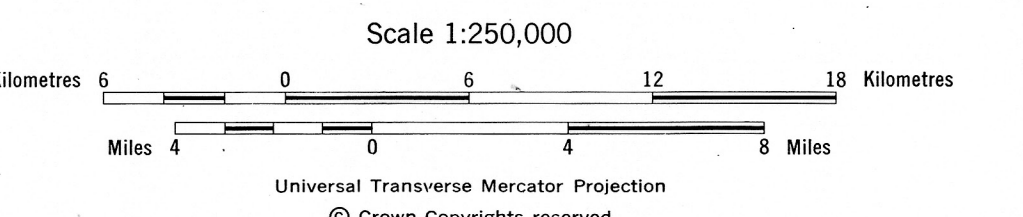


Elevation in feet above mean sea level

Mean magnetic declination 1978, 36°50.9' East,
decreasing 1.7' annually. Readings vary from
37°34.2' in the SE corner to 35°46.6' in
the NW corner of the map

BARIUM (ppm)
OPEN FILE 565
NATIONAL GEOCHEMICAL RECONNAISSANCE MAP 45-1978
URANIUM RECONNAISSANCE PROGRAM
STREAM SEDIMENT AND WATER GEOCHEMICAL SURVEY
NORTHERN YUKON TERRITORY 1978

Base-map assembled by the Geological Cartography
Unit from maps published at the same scale by
the Survey and Mapping Branch in 1962, 1963, 1964



BARIUM (ppm)
OPEN FILE 565
NORTHERN YUKON TERRITORY 1978