

- LEGEND
- QUATERNARY**
- 15 Glacial, fluvial and lacustrine deposits (Qf, Qff, Ql, Qm); marine and estuarine deposits (Qe); 15a, pediment surfaces with thin cover of colluvium and/or organic deposits (B).
- TERTIARY**
- 14 Reindeer Formation, Alak Member: clastics and coal (Tak); 14a, Moose Channel Formation: sandstone and mudstone (TmC1, TmC2, TmC3).
- CRETACEOUS**
- 13a, Tent Island Formation (Kti) and Cueta Creek Member: clastics (Kck); 13b, Boundary Creek Formation: shale (Kbc); 13c, unnamed shale, sandstone and phosphatic iron formation (Kbr); 13d, unnamed conglomerates (Kcs); 13e, sandstone (Kss); 13f, shale and siltstone (Ksh); 13g, white and coaly quartzite (Kq, Kq1, Kq2, Kq3); 13h, bluish grey shale (Kbs); 13i, sandstone (Kiss).
- JURASSIC AND CRETACEOUS**
- 12 Husky Formation: shale (Kjh); 12a, Kingak Formation: shale (KjK); 12b, undivided clastics (Kj).
- JURASSIC**
- 11 Unnamed sandstone (Jpo); 11a, Bug Creek Formation: sandstone (Jbc, Jbc1, Jbc2, Jbc3).
- TRASSIC**
- 10 Shublik Formation: limestone and siltstone (Trs).
- PERMIAN**
- 9a, undivided clastics and carbonates (P, P0, P1, P2, P3); 9c, Sadlerochit Formation: undivided clastics (Ps, Pso).
- CARBONIFEROUS**
- 8a, Kayak Formation: clastics, limestone and coal (Kcy); 8b, Kekikuk Formation: conglomerate and sandstone (Ck); 8c, Lisburne Group: undivided carbonates and clastics (Cl).
- DEVONIAN**
- 7a, Ogilvie Formation: limestone (Oo); 7e, granite (Gs, Gf, Gam).
- SILURIAN AND DEVONIAN**
- 6 Orange and grey dolomite (Sod).
- ORDOVICIAN AND SILURIAN**
- 5 Vunta Formation: limestone (Sv); 5a, unnamed shale and quartzite (Sh).
- CAMBRIAN AND ORDOVICIAN**
- 4 Road River Formation: shale and chert (Eor).
- MIDDLE AND UPPER CAMBRIAN**
- 3a, unnamed volcanoclastics and limestone (Ewms, Ewmv).
- LOWER CAMBRIAN**
- 2a, unnamed limestones and bioherms (E1).
- HELIKIAN**
- 1a, Neruokuk Formation: clastics and carbonates (En); 1b, Neruokuk Formation: phyllite and quartzite (Enb); 1c, Neruokuk Formation: limestone and phyllite (En5); 1d, Neruokuk Formation: phyllite and quartzite (En4); 1e, Neruokuk Formation: siltstone (En3); 1f, Neruokuk Formation: phyllite and quartzite (En2); 1g, Neruokuk Formation: phyllite (En1); 1h, Neruokuk 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
Nuclear 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.

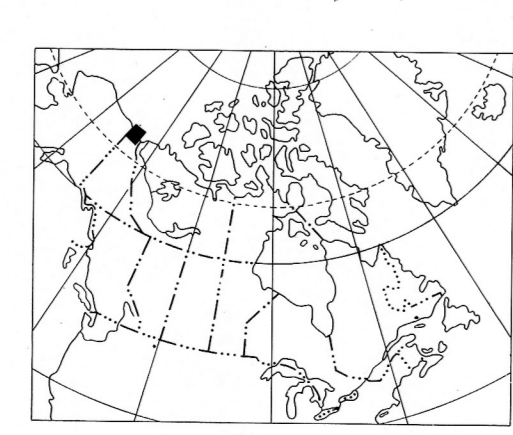
This map forms one of a series of 45 maps released by the Geological Survey of Canada, Open Files 563, 564 and 565. Each Open File consists of maps for 11 elements for stream sediments, 1 element for stream waters, and 1 each for sample site location and water pH.

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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The data is also available in digital form. For further information please contact

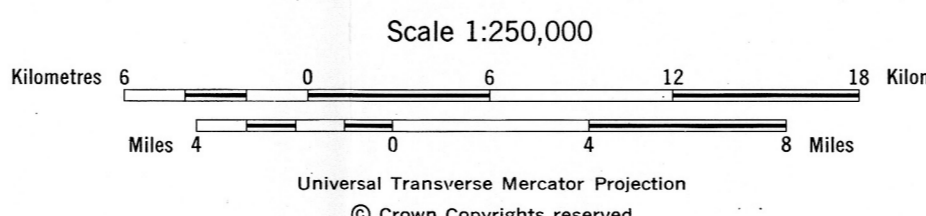
The Director
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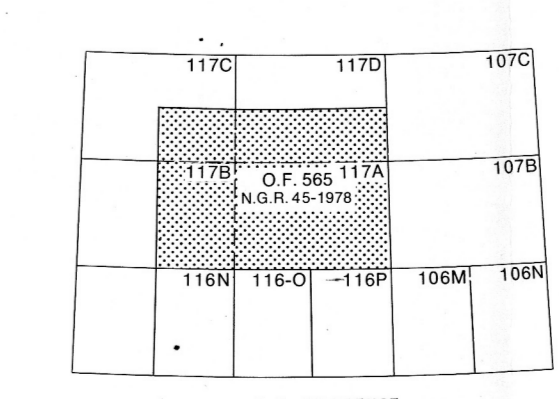
Elevation in feet above mean sea level

Mean magnetic declination 1978, 36°50.9' East, decreasing 1.7' annual ly. Readings vary from 37°54.2' in the SE corner to 35°46.0' in the NW corner of the map

LEAD (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 Surveys and Mapping Branch in 1962, 1963, 1964



LEAD (ppm)
OPEN FILE 565
NORTHERN YUKON TERRITORY 1978