

- LEGEND
- QUATERNARY
15 Glacial, fluvial and lacustrine deposits (Qf, Qff, Q1, Qm1); marine and estuarine deposits (Qe); 15a, pediment surfaces with thin cover of colluvium and/or organic deposits (Q).
- 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 Cuesta Creek Member: clastics (Kck); 13b, Boundary Creek Formation: shale (Kbc); 13c, unnamed shale, sandstone and phosphatic iron formation (Kbr); 13d, unnamed conglomerates (Ksr); 13e, sandstone (Kss); 13f, shale and siltstone (Ksh); 13g, white and coaly quartzite (Kq, Kq1, Kq2, Kq3); 13h, bluish grey shale (Kbs); 13i, sandstone (Kls).
- JURASSIC AND CRETACEOUS
12 Husky Formation: shale (Kjh); 12a, Kingak Formation: shale (Kkj); 12b, undivided clastics (K2).
- JURASSIC
11 Unnamed sandstone (Jpo); 11a, Bug Creek Formation: sandstone (Jbc, Jbc1, Jbc2, Jbc3).
- TRIASSIC
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 (ky); 8b, Kekitikuk Formation: conglomerate and sandstone (ckk); 8g, Lisburne Group: undivided carbonates and clastics (Cl).
- DEVONIAN
7b, Ogilvie Formation: limestone (Do); 7c, granite (Gs, Gf, Gm).
- SILURIAN AND DEVONIAN
6 Orange and grey dolomite (Sdd).
- OROVIVICAN AND SILURIAN
5 Vunta Formation: limestone (Sv); 5a, unnamed shale and quartzite (Osh).
- CAMBRIAN AND OROVIVICAN
4 Road River Formation: shale and chert (Eor).
- MIDDLE AND UPPER CAMBRIAN
3a, unnamed volcanoclastics and limestone (Gms, Gmw).
- LOWER CAMBRIAN
2a, unnamed limestones and bioherms (Cl).
- MELIKIAN
1a, Neruokuk Formation: clastics and carbonates (En); 1b, Neruokuk Formation: phyllite and quartzite (Enb); 1c, Neruokuk Formation: limestone and phyllite (Enl); 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

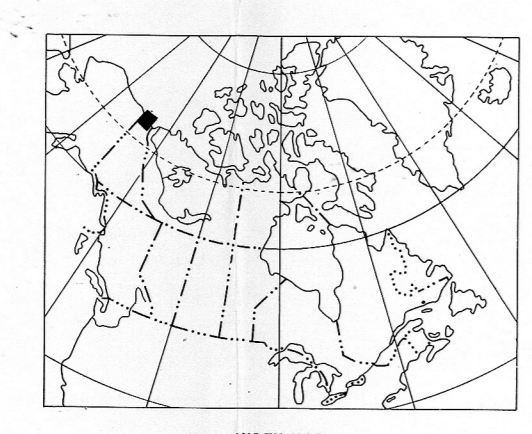
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Other sediment chemical analyses by Chemex Labs Ltd.
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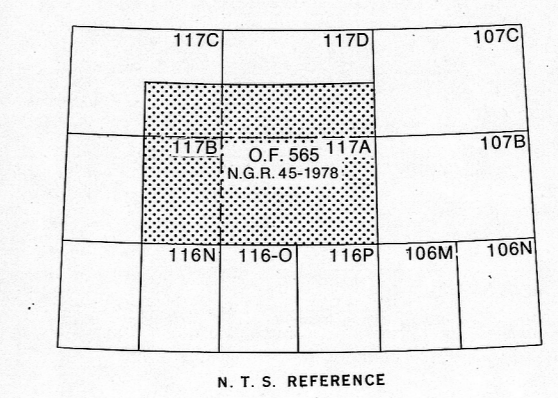
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Elevation in feet above mean sea level
Mean magnetic declination 1970, 36°50.9' East, decreasing 1.7' annually. Readings vary from 37°34.2' in the SE corner to 35°46.6' in the NW corner of the map

FLUORINE in water
OPEN FILE 565
NATIONAL GEOCHEMICAL RECONNAISSANCE MAP 45-1978
URANIUM RECONNAISSANCE PROGRAM
STREAM SEDIMENT AND WATER GEOCHEMICAL SURVEY
NORTHERN YUKON TERRITORY 1978
Scale 1:250,000
Kilometres 0 5 10 15 20
Miles 0 5 10 15 20
Universal Transverse Mercator Projection
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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



FLUORINE in water
OPEN FILE 565
NORTHERN YUKON TERRITORY 1978