

- LEGEND
- QUATERNARY  
15 Glacial, fluvial and lacustrine deposits (Qf, Qfl, Qm);  
16a marine and estuarine deposits (Qm); 16b undulating surfaces with  
thin cover of colluvium and/or organic deposits (Q).
- TERTIARY  
14 Reindeer Formation, Aklavik Member: clastics and coal (Tsk); 14a  
Chamuel Formation: sandstone and mudstone (Tc1, Tc2, Tc3).
- CRETACEOUS  
13a Tent Island Formation (Kt1) and Cuesta Creek Member: clastics  
(Kck); 13b Boundary Creek Formation: shale (Kbc); 13c unnamed shale,  
sandstone and phosphatic iron formation (Kor); 13d unnamed conglomerates  
(Ksr); 13e sandstone (Kus); 13f shale and siltstone (Ksh); 13g  
white and coaly quartzite (Kq, Kq1, Kq2, Kq3); 13h bluish grey shale  
(Ksg); 13i sandstone (Kts).
- JURASSIC AND CRETACEOUS  
12 Husky Formation: shale (Kh); 12a, Kingak Formation: shale (Kak); 12b,  
undivided clastics (Kj).
- JURASSIC  
11 Unnamed sandstone (Jp); 11a, Bug Creek Formation: sandstone (Jbc, Jbc1,  
Jbc2, Jbc3).
- TRIASSIC  
10 Shublik Formation: limestone and siltstone (Trs).
- PERMIAN  
9a, undivided clastics and carbonates (P, P1, P2, P3); 9c, Sadlerochit  
Formation: undivided clastics (Ps, Pso).
- CARBONIFEROUS  
8a, Kayak Formation: clastics, limestone and coal (Cky); 8b, Kekiktuk  
Formation: conglomerates and sandstone (Cck); 8g, Lisburne Group:  
undivided carbonates and clastics (Cl).
- DEVONIAN  
7a, Ogilvie Formation: limestone (Oo); 7e, granite (Gs, Gf, Gm).
- SILURIAN AND DEVONIAN  
6 Orange and grey dolomite (Sdg).
- ORDOVICIAN AND SILURIAN  
5 Vusta Formation: limestone (5sv); 5a, unnamed shale and quartzite (5sh).
- CAMBRIAN AND ORDOVICIAN  
4 Road River Formation: shale and chert (4Dr).
- MIDDLE AND UPPER CAMBRIAN  
3a, unnamed volcanoclastics and limestone (5ms, 5mv).
- LOWER CAMBRIAN  
2a, unnamed limestones and bioherms (5l).
- 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 (Eni); 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

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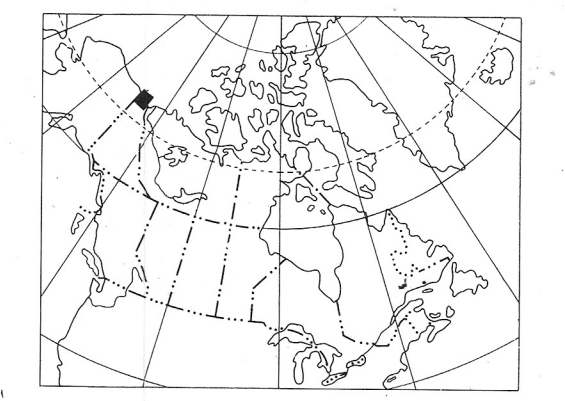
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Copies of map material and listings of field observations and  
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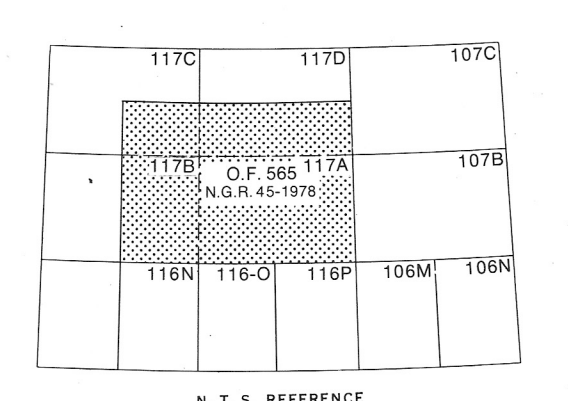


Elevation in feet above mean sea level

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

SAMPLE LOCATION  
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  
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



SAMPLE LOCATION  
OPEN FILE 565  
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