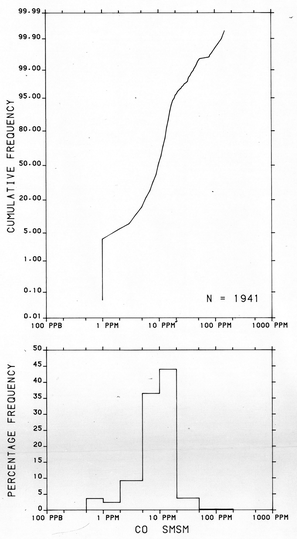
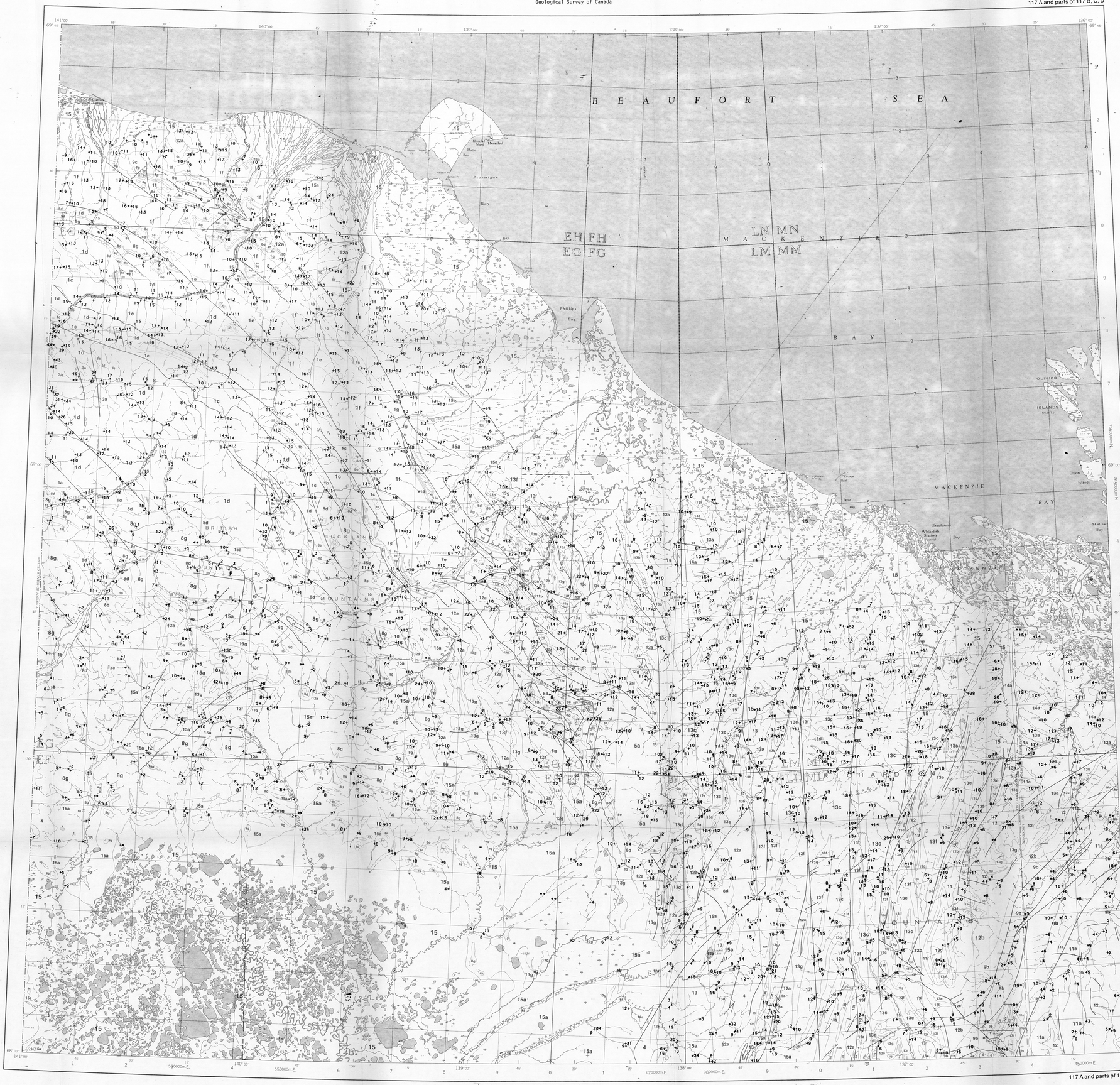
Canada
Department of Energy, Mines and Resources
Geological Survey of Canada

117 A and parts of 117 B, C, D





117 A and parts pf 117 B, C, D

COBALT (ppm)

OPEN FILE 565

NORTHERN YUKON TERRITORY 1978

LEGEND

QUATERNARY
15 Glacial, fluvial and lacustrine deposits (Qf, Qff, Q1, Qml); marine and estuarine deposits (Qe); 15a, pediment surfaces with thin cover of colluvium and/or organic deposits (B).

TERTIARY
14 Reindeer Formation, Aklak Member: clastics and coal (Tak); 14a; Moose Channel Formation: sandstone and mudstone (TmC1, TmC2, TmC3).

CRETACEOUS
13 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 (Kuss); 13f, shale and siltstone (Kush); 13g, white and coaly quartzite (Kq, Kq1, Kq2, Kq3); 13h, bluish grey shale (Kbs); 13i, sandstone (Klss).

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).

TRIASSIC
10 Shublik Formation: limestone and siltstone (TRs).

PERMIAN
9 9b, undivided clastics and carbonates (P, PO, P1, P2, P3); 9c, Sadlerochit Formation: undivided clastics (Ps, Pso).

CARBONIFEROUS
8 8d, Kayak Formation: clastics, limestone and coal (Cky); 8e, Kekiktuk Formation: conglomerate and sandstone (Ckk); 8g, Lisburne Group: undivided carbonates and clastics (Cl).

DEVONIAN
7 7b, Ogilvie Formation: limestone (Do); 7e, granite (Gs, Gf, Gam).

SILURIAN AND DEVONIAN
6 Orange and grey dolomite (SDd).

ORDOVICIAN AND SILURIAN
5 Vunta Formation: limestone (€Sv); 5a, unnamed shale and quartzite (Osh).

CAMBRIAN AND ORDOVICIAN
4 Road River Formation: shale and chert (€Dr).

MIDDLE AND UPPER CAMBRIAN
3 3a, unnamed volcaniclastics and limestone (€wms, €wmv).

LOWER CAMBRIAN
2 2a, unnamed limestones and bioherms (€1).

HELIKIAN
1 1a, Neruokpuk Formation: clastics and carbonates (En): 1b, Neruokpuk Formation: phyllite and quartzite (En6); 1c, Neruokpuk Formation: limestone and phyllite (En5); 1d, Neruokpuk Formation: phyllite and quartzite (En4); 1e, Neruokpuk Formation: siltstone (En3); 1f, Neruokpuk Formation: phyllite and quartzite (En2); 1g, Neruokpuk Formation: phyllite (En1); 1h, Neruokpuk Formation: quartzite (€no).

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.

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

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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 in the NW corner of the map

COBALT (ppm)

OPEN FILE 565

NATIONAL GEOCHEMICAL RECONNAISSANCE MAP 45-1978

URANIUM RECONNAISSANCE PROGRAM

STREAM SEDIMENT AND WATER GEOCHEMICAL SURVEY

NORTHERN YUKON TERRITORY 1978

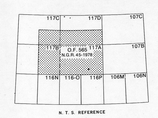
Scale 1:250,000

Kilometres 6 0 6 12 18 Kilometres
Miles 4 0 4 8 Miles

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



N. T. S. REFERENCE

COBALT (ppm)
OPEN FILE 565
NORTHERN YUKON TERRITORY 1978