

LEGEND
 Note: This legend is common to National Geochemical Reconnaissance Map 14-1976, Open File 418; Map 15-1976, Open File 419 and Map 16-1976, Open File 420

- QUATERNARY**
 23 Unconsolidated glacial and alluvial deposits
- CRETACEOUS**
 22 Sandstone, shale and conglomerate; 22a, BONNET PLUME FORMATION: sandstone, shale and coal; 22b, BONNET PLUME FORMATION: conglomerate and sandstone; 22c, ARTIC RED FORMATION: shale and siltstone
 21 Hornblende and hornblende/biotite syenite, commonly porphyritic and uneven textured; minor diorite
 20 Diorite and gabbro
- MESOZOIC**
 19 Mottled green and maroon shale and brown siltstone
 18 KENO HILL QUARTZITE: massive quartzite; minor slate and phyllite
- JURASSIC**
 17 LOWER SCHIST division: argillite, slate, phyllite and minor quartzite; 17a, sandstone and shale
- TRIASSIC**
 16 SHUBLIK FORMATION: limestone and shale; unnamed clastics and carbonates
- PERMIAN**
 15 TAKKANDIT FORMATION: grey chert and limestone; 15a, JUNGLE CREEK FORMATION: sandstone, shale, carbonates and clastics; undivided formation
- CARBONIFEROUS TO PERMIAN**
 14 ETRAIN FORMATION: shale and limestone; HART RIVER FORMATION: shale, siltstone and limestone; LISBURNE GROUP undivided; 14a, limestone, black shale, chert, chert-pebble conglomerate, argillaceous, limestone, sandstone and slate
 13 CKY KAYAK FORMATION: shale; unnamed conglomerate
- DEVONIAN**
 12 CANOL FORMATION: black shale; NATION RIVER FORMATION: chert-pebble conglomerate and chert-grain sandstone; shale, argillite, slate, limestone and minor chert-pebble conglomerate and quartzite
- LOWER TO MIDDLE DEVONIAN**
 11 OGLIVIE FORMATION: limestone; CRANSWICK FORMATION: limestone; MICHELLE FORMATION: limestone and shale; unnamed limestone, dolomite and interbedded black chert
- ORDOVICIAN AND SILURIAN**
 10 ROAD RIVER FORMATION: shale, limestone, black chert and argillite; minor quartzite and chert-pebble conglomerate
 9 Dolomite and limestone; argillaceous limestone and dolomite; dark volcanic rocks
- CAMBRIAN**
 8 Limestone and dolomite; minor red shale; unnamed clastics; 8a, massive sandstone, conglomerate, shale and local andesitic and basaltic flows and sills; 8b, JONES RIDGE limestone; unnamed dolomite and limestone
- PRECAMBRIAN AND/OR LATER**
 7 Dark green volcanic rocks, breccia, tuff, agglomerate, shale, chert, siltstone and limestone
 6 Quartzite, sandstone, quartz-pebble conglomerate, maroon and green shales, chlorite schist, quartz-mica schist, phyllite, limestone and black chert
- HADRYNIAN**
 5 Unnamed carbonates and clastics
 4 RAPITAN GROUP: mudstone, limestone, iron formation and dolomite
- HELIXIAN**
 3 KATHERINE FORMATION: sandstone and dolomite; TSEZOTENE FORMATION: sandstone and dolomite; unnamed carbonates, shale and gypsum
 2 Orange dolomite, slate, phyllite, grey dolomite, grey and maroon shale, quartzite, conglomerate, limestone, black shale, argillite and siltstone
- HELIXIAN AND (?) APHEBIAN**
 1 Argillite, slate, phyllite quartzite, dolomite, conglomerate and silicified limestone

Drift-covered areas.....
 Geological contact.....
 Fault.....

Geology generalized for geochemical maps by W.D. Goodfellow from Larsen Creek (116A) and Dawson (116B&C) by L.H. Green (G.S.C. Mem. 364, 1972); and Hart River (116H) by D.K. Norris (G.S.C. Open File 279, 1975)

Base-map assembled by the Geological Survey of Canada from maps published at the same scale by the Surveys and Mapping Branch in 1954, 1957, 1958

Geological cartography by the Geological Survey of Canada

Mean magnetic declination 1977, 32°28.7' East, decreasing 1.6' annually. Readings vary from 32°50.4' in the SE corner to 32°03.6' in the NW corner of the map-area

Elevation in feet above mean sea-level

Geological Survey of Canada, Ottawa

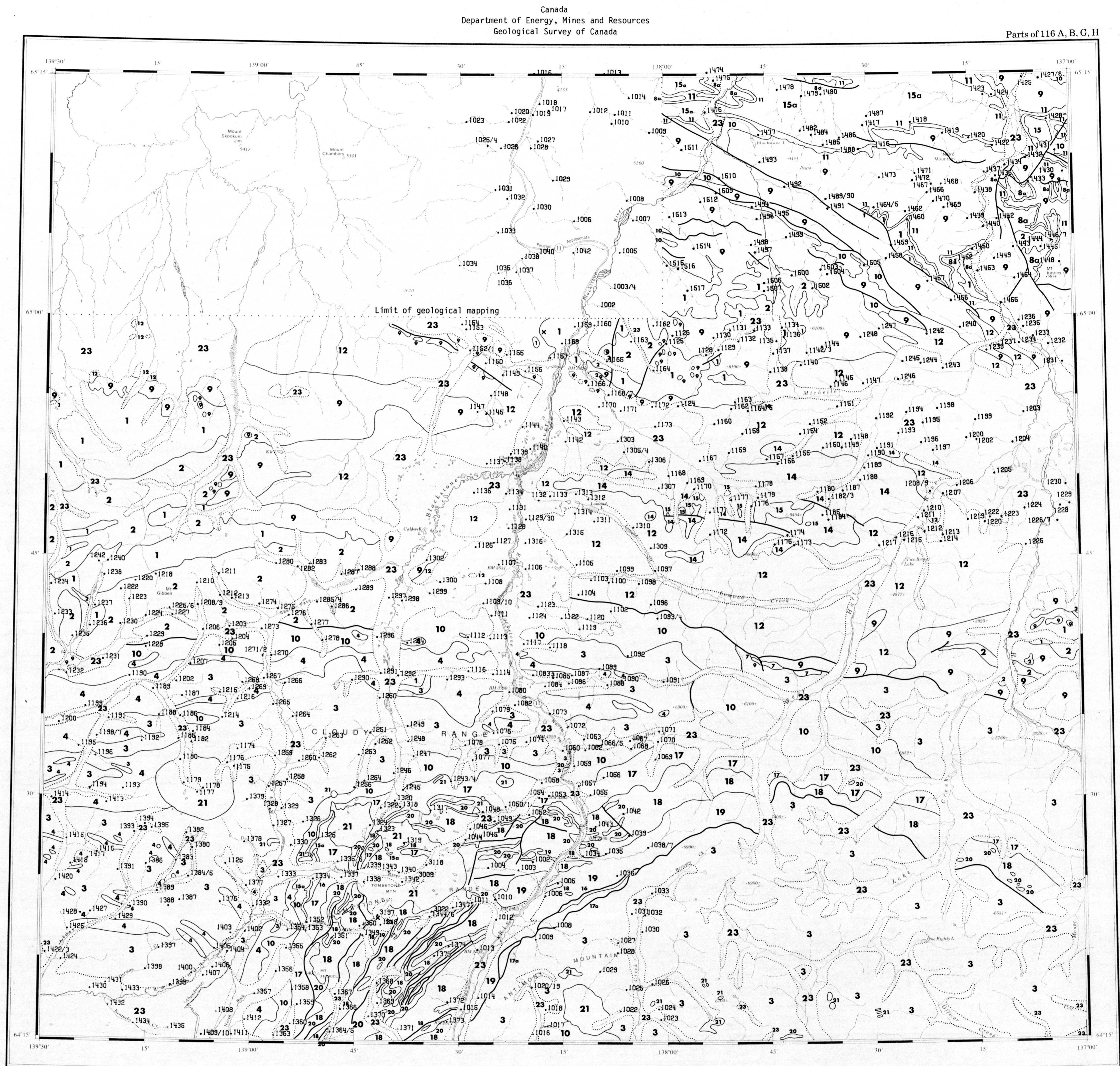
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This map forms one of a series of 45 sheets released under Geological Survey of Canada, Open Files 418, 419, 420. The Open Files consists of data for 12 elements each for stream sediments, percent loss on ignition, 2 elements for stream waters and sample site location

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

The Director,
 Computer Science Centre,
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 Ottawa, Ontario K1A 0E8

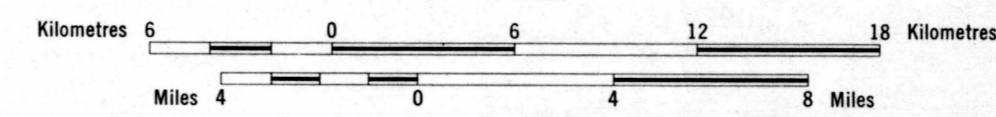
NATIONAL GEOCHEMICAL RECONNAISSANCE MAP 14-1976
 OPEN FILE 418
 NORTHERN YUKON TERRITORY, 1976
 SAMPLE LOCATIONS



NATIONAL GEOCHEMICAL RECONNAISSANCE MAP 14-1976

SAMPLE LOCATIONS
 URANIUM RECONNAISSANCE PROGRAM

Scale 1:250,000



Universal Transverse Mercator Projection
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