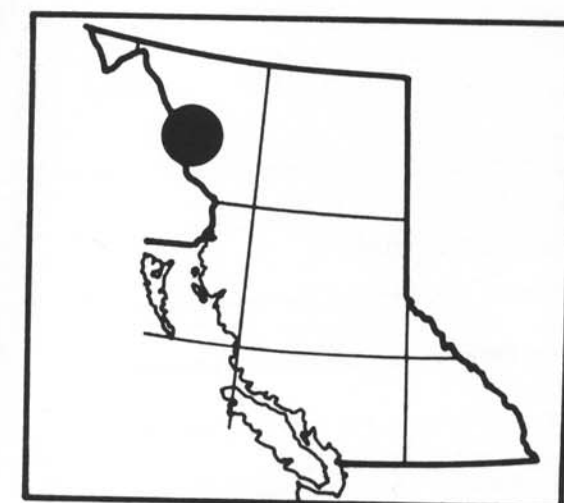
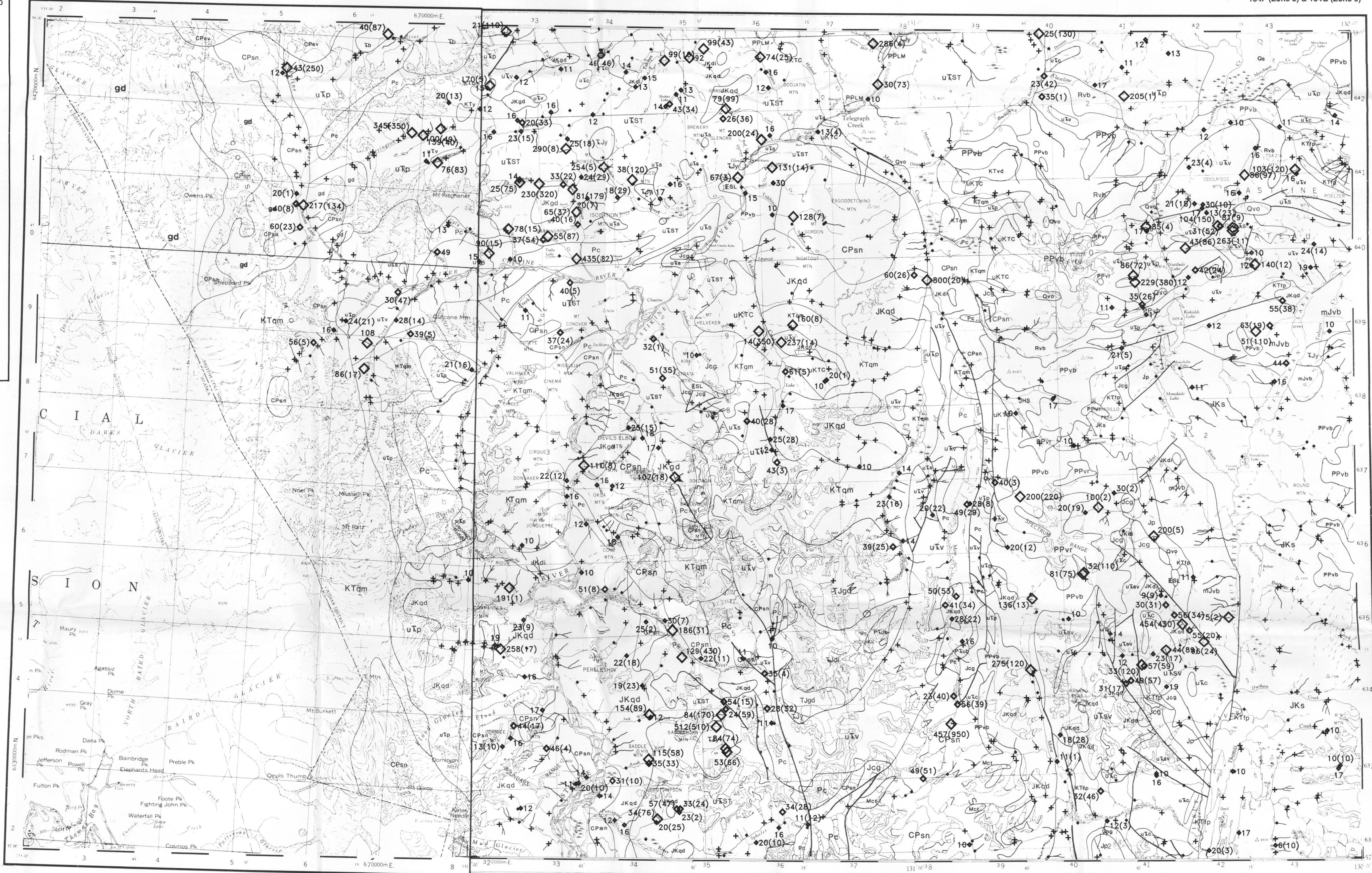


104F (Zone 8) & 104G (Zone 9)



This map forms one of a series of open file maps (B.C. RGS 18-20) released in 1988 by the British Columbia Geological Survey in co-operation with the Geological Survey of Canada. Open File RGS 18 consists of sample location maps at 1:100 000 and 1:250 000 scales, symbol and value maps for 20 elements in stream sediments and 2 elements in stream waters, a current mineral inventory map, listings of field and analytical results and a statistical summary. Copies of map material and listings of field observations, analytical data and methods, from which the open file was prepared are available for reference at: Ministry Library in Victoria, University of the Geological Survey of Canada, Map Library at the University of British Columbia, Vancouver. For purchase at: Maps B.C., 525 Superior Street, Victoria, B.C. V8V 1Z2, (604) 367-1441. The data are also available in digital form on MS-DOS 5.14" diskettes. For further information please contact: Applied Geochemistry Subsection, Geological Survey Branch, Ministry of Energy, Mines and Petroleum Resources, Parliament Building, Victoria, British Columbia, V8V 1Z4, (604) 367-3224.

GOLD (ppb)
STREAM SEDIMENTS
B.C. RGS 19
GSC OPEN FILE 1646
NATIONAL GEOCHEMICAL RECONNAISSANCE MAP 111
CANADA-BRITISH COLUMBIA
MINERAL DEVELOPMENT AGREEMENT (1985-1989)
STREAM SEDIMENT AND WATER GEOCHEMICAL SURVEY
NORTHWESTERN BRITISH COLUMBIA, 1987
SCALE 1:250 000

Gold values in () correspond to repeat analyses.
Please refer to Open File text for discussion of gold presentation format and geochemical interpretation.

Elevation in feet above mean sea level
104G: Mean magnetic declination 1964, 30°15' East in centre of map area, decreasing 4.0" annually
104F: Mean magnetic declination 1966, 29°45' East in centre west edge of map area, increasing 3.8" annually

Universal Transverse Mercator Projection
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Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources
Energy, Mines and Petroleum Resources Canada
THIS PROJECT IS A CONTRIBUTION TO THE CANADA-BRITISH COLUMBIA MINERAL DEVELOPMENT AGREEMENT, 1985-1990

104K	104J	104I
104F	104G	104H
104C	104B	104A

This document was produced by scanning the original publication.
Ce document est le produit d'une numérisation par balayage de la publication originale.

GOLD (ppb)
STREAM SEDIMENTS

B.C. RGS 19
GSC OPEN FILE 1646
104F - SUMDUM / 104G - TELEGRAPH CREEK
NORTHWESTERN BRITISH COLUMBIA, 1987

LEGEND
STRATIFIED ROCKS

- QUATERNARY
- RECENT
- Rvb (BSLT 64) Basalts, cinder, ash
- PLEISTOCENE AND RECENT
- Qs (TILL 64) Surficial clastic sediments and glacial deposits
 - Qvb (OLVB 64) Olivine basalt
- TERTIARY AND QUATERNARY
- PLIOCENE AND PLEISTOCENE
- PPv (BSLT 63) LEVEL MOUNTAIN GROUP: basalt
 - PPvb (BTRT 63) Basalt, rhyolite, olivine, basalt
 - PPvt (RYLT 63) Rhyolite, trachyte, tuff
- TERTIARY
- EOCENE
- ESL (RYLT 59) SLOKO GROUP: rhyolite, trachyte, andesite, basalt
- CRETACEOUS AND TERTIARY
- KTvd (ANDS 56) Andesite
- CRETACEOUS
- UKTC (SND5 55) TANGO CREEK: sandstone, siltstone, coal
- JURASSIC AND CRETACEOUS
- JKs (SLSN 51) Siltstone, greywacke, conglomerate, shale (upper HAZELTON GROUP in part)
- JURASSIC
- JHS (SLSN 50) HAZELTON GROUP: siltstone, greywacke, sandstone, tuff
 - Jp (BSLT 49) Basalt, pillow lava, tuff, volcaniclastic rocks
 - Jp (SHLE 49) Shale
 - JT (ICGLM 49) TAKWAHONI: conglomerate, grit, greywacke
 - Jcg (CGGK 49) Conglomerate, grit, greywacke
- TRIASSIC
- UTp (PLLT 45) Phyllite, argillite, siltstone, greywacke, limestone
 - UTs (SLSN 45) Siltstone, chert, sandstone, tuff
 - UTsv (ANDV 45) Undifferentiated andesitic volcanic and clastic sedimentary rocks
 - UTST (VLRK 45) STUHNIG GROUP: undifferentiated volcanic and sedimentary rocks
 - UTv (ANBT 45) Andesite, basalt
 - UTvd (ANDS 45) Andesite, pyroclastic rocks, greenstone
- PERMIAN
- Pc (LSM 36) Limestone, minor, calcareous shale
- CARBONIFEROUS AND PERMIAN
- CPsn (SCST 35) Schist, gneiss
 - CPsv (GRNS 35) Greenstone, limestone, shale, clastic sedimentary rocks
- MISSISSIPPIAN
- Mct (LMTF 34) Limestone, tuff, chert
- PLUTONIC ROCKS
- CRETACEOUS AND TERTIARY
- KTfp (FLSP 56) Felsite, felspar porphyry
 - KTqm (GTMZ 56) Quartz monzonite
 - KTy (LSVN 56) Leucocratic syenite
- JURASSIC AND CRETACEOUS
- JKgd (GRDR 51) Granodiorite
 - JKqd (GRZD 51) Quartz diorite
 - JKdi (DORT 51) Diorite
- TRIASSIC AND JURASSIC
- TJgd (GRDR 46) Granodiorite
 - TJdi (GRZD 46) Quartz diorite, diorite, amphibolite
 - TJy (SYNT 46) Syenite, monzonite
- TRIASSIC
- Tb (DORT 42) Diorite, gabbro
 - Td (DORT 42) Diorite, monzonite
- PERMIAN AND TRIASSIC
- PJub (UMFC 40) Ultramafic rocks, serpentinite
- AGE UNKNOWN
- gd (GRDR 65) Granodiorite
 - m (AMPH 65) Amphibolite, gneiss, migmatite
- SYMBOLS
- Geological boundary
 - Fault
 - Thrust fault
 - Glacier
 - Field duplicate sample sites
- GEOLOGY AND MINERAL DEPOSITS
- Geological bases and legend are derived from: Southey, J.G., Brew, D.A. and Oulley, A.V. (compilers) (1979) Iskut River, Geological Survey of Canada, Map 1418A.
- *A mnemonic code assigned to rock types and recorded as part of field observations.
- For location of the following specific information for this area refer to British Columbia Ministry of Energy, Mines and Petroleum Resources, mineral deposits file to: Mineral Inventory Map, M. 104F - SUMDUM and M. 104G - TELEGRAPH CREEK, assessment reports refer to: Assessment Report Index Map, AR 104F - SUMDUM and AR 104G - TELEGRAPH CREEK; bedrock geological mapping refer to: Index of Bedrock Mapping, 1985, for mineral and placer claim maps contact the Ministry of Energy, Mines and Petroleum Resources, Mineral Titles Branch, Victoria, for current editions and status.

GOLD (ppb)
STREAM SEDIMENTS

B.C. RGS 19
GSC OPEN FILE 1646
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NORTHWESTERN BRITISH COLUMBIA, 1987