

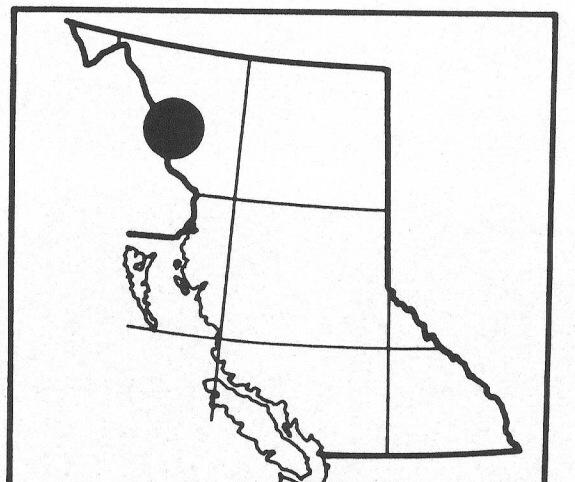
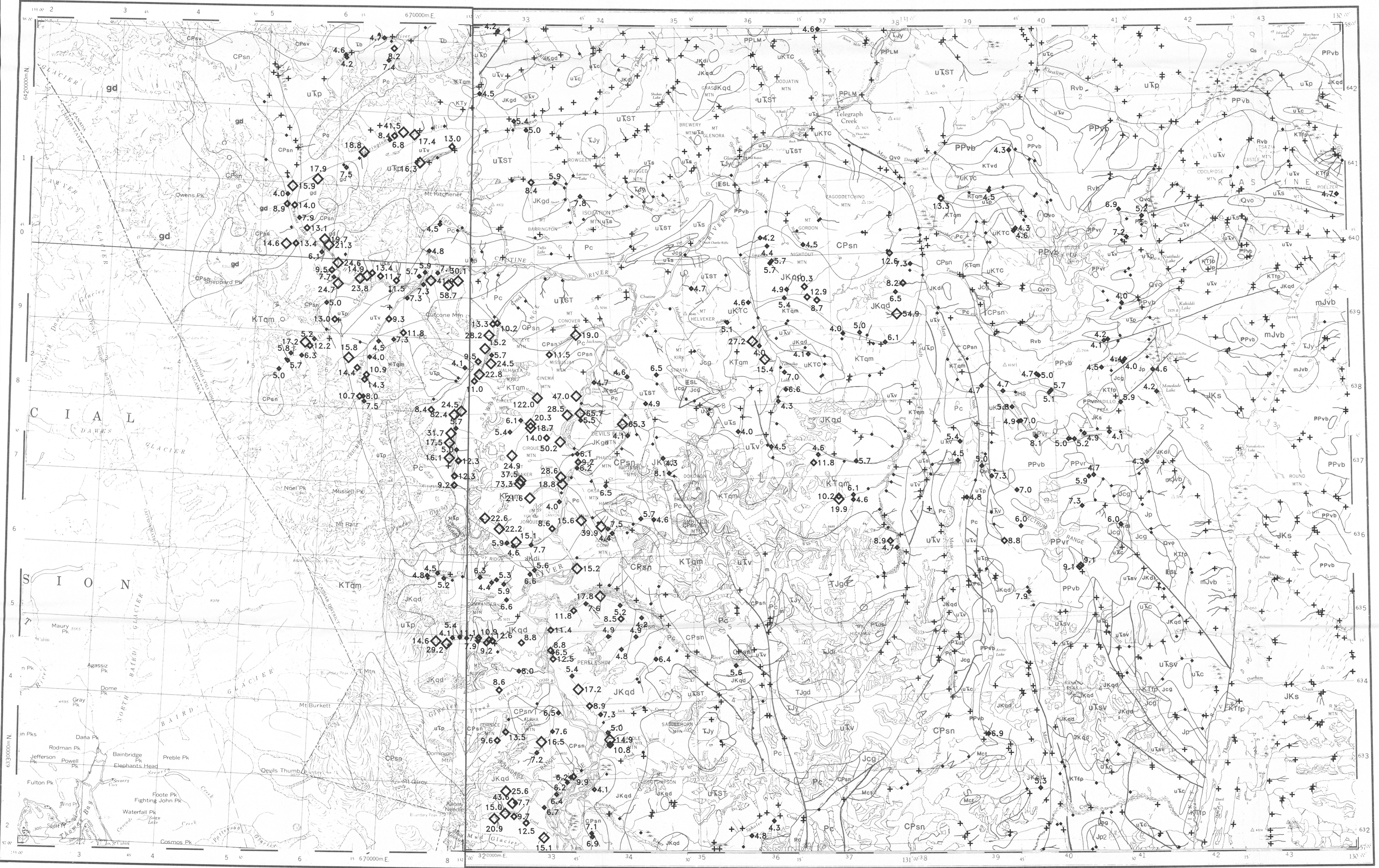
CONCENTRATION	FREQUENCY
14.5 - 122.0	◆ N = 63 (5.2%)
8.2 - 14.4	◆ N = 63 (5.2%)
4.0 - 8.1	◆ N = 173 (14.2%)
2.3 - 3.9	• N = 296 (24.3%)
0.1 - 2.2	+ N = 624 (51.2%)

CONTRACTORS - 104F
 Sample collection by McElhaney Engineering Services Limited, Vancouver, B.C.
 Sample preparation by Kamloops Research and Assay Lab, Kamloops, B.C.
 Sediment chemical analyses by Bondar Clegg and Company Limited, North Vancouver, B.C.
 Water chemical analyses by Barringer Magenta, Calgary, Alta.

CONTRACTORS - 104G
 Sample collection by McElhaney Engineering Services Limited, Vancouver, B.C.
 Sample preparation by Golder Associates, Ottawa, Ont.
 Sediment chemical analyses by Bondar Clegg and Company Limited, Ottawa, Ont.
 Water chemical analyses by Chemex Labs, North Vancouver, B.C.

OPEN FILE PRODUCTION
 British Columbia
 Ministry of Energy, Mines and Petroleum Resources
 Geological Survey Branch
 Applied Geochemistry

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 cooperation with the Geological Survey of Canada.
 Open File RGS 19 consists of sample location maps at 1:100 000 and 1:250 000 scale, 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
 Libraries 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 1X2
 (604) 387-1441
 The data are also available in digital form on MS-DOS 5 1/4" diskettes.
 For further information please contact:
 Applied Geochemistry Subsection
 Geological Survey Branch
 Ministry of Energy, Mines and Petroleum Resources
 Parliament Buildings
 Victoria, British Columbia, V8V 1X4
 (604) 387-3234

Province of British Columbia
 Ministry of Energy, Mines and Petroleum Resources

URANIUM (ppm)
 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

Elevation in feet above mean sea level
 104G: Mean magnetic declination 1954, 30°15' East in centre of map area, decreasing 4.0" annually
 104F: Mean magnetic declination 1960, 29°45' East in centre west edge of map area, increasing 3.8" annually

Province of British Columbia
 Ministry of Energy, Mines and Petroleum Resources
 Energy, Mines and Petroleum Resources Canada
 Energy, Mines and Petroleum Resources Canada
 THIS PROJECT IS A CONTRIBUTION TO THE CANADA-BRITISH COLUMBIA MINERAL DEVELOPMENT AGREEMENT, 1985-1989

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URANIUM (ppm)
 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
 Qs (TILL 64) Surficial clastic sediments and glacial deposits
 Qvo (OLIVE 64) Olivine basalt
- PLEISTOCENE AND RECENT**
 PPLM (BSLT 63) LEVEL MOUNTAIN GROUP: basalt
 PPVb (BTRF 63) Basalt, rhyolite, olivine, basalt
 PPVt (RYLT 63) Rhyolite, trachyte, tuff
- TERTIARY AND QUATERNARY**
 PLOCENE AND PLEISTOCENE
 PPLM (BSLT 63) LEVEL MOUNTAIN GROUP: basalt
 PPVb (BTRF 63) Basalt, rhyolite, olivine, basalt
 PPVt (RYLT 63) Rhyolite, trachyte, tuff
- TERTIARY**
 EOCENE
 EBL (RYLS 59) SLOKO GROUP: rhyolite, trachyte, andesite, basalt
- CRETACEOUS AND TERTIARY**
 KTvd (ANDS 56) Andesite
- CRETACEOUS**
 UKTC (GRDS 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
 MJVb (BSLT 49) Basalt, pillow lava, tuff, volcanoclastic rocks
 Jp (SHLE 49) Shale
 JT (CGLM 49) TAKWAHONI: conglomerate, grit, greywacke
 Jcg (CGGK 49) Conglomerate, grit, greywacke
- TRIASSIC**
 Ulp (PLT 45) Phyllite, argillite, siltstone, greywacke, limestone
 Uts (SLSN 45) Siltstone, chert, sandstone, tuff
 Uksv (ANDV 45) Undifferentiated andesitic volcanic and clastic sedimentary rocks
 USTt (VLK 45) STUHNI GROUP: undifferentiated volcanic and sedimentary rocks
 Uv (ANBT 45) Andesite, basalt
 Uvd (ANDS 45) Andesite, pyroclastic rocks, greenstone
- PERMIAN**
 Pc (LMH 36) Limestone, minor calcareous shale
- CARBONIFEROUS AND PERMIAN**
 CPan (SCST 35) Schist, gneiss
 CPav (GRNS 35) Greenstone, limestone, shale, clastic sedimentary rocks
- MISSISSIPPIAN**
 Mct (LMTF 34) Limestone, tuff, chert
- PLUTONIC ROCKS**
 KTp (FLSP 56) Felsite, feldspar porphyry
 Ktm (GTMZ 56) Quartz monzonite
 KTy (LSVN 56) Leucocratic syenite
- JURASSIC AND CRETACEOUS**
 JKgd (GRDR 51) Granodiorite
 JKqd (GRZD 51) Quartz diorite
 JKdl (DORT 51) Diorite
- TRIASSIC AND JURASSIC**
 Tjd (GRDR 46) Granodiorite
 Tjdl (GRZD 46) Quartz diorite, feldspar, amphibolite
 Tjy (SYNT 46) Syenite, monzonite
- TRIASSIC**
 Tb (DORT 42) Diorite, gabbro
 Td (DORT 42) Diorite, monzonite
- PERMIAN AND TRIASSIC**
 Pkb (UMFC 40) Ultramafic rocks, serpentinite
- AGE UNKNOWN**
 gd (GRDR 65) Granodiorite
 m (AMPH 65) Amphibolite, gneiss, migmatite
- SYMBOLS**
 Geological boundary
 Fault
 Thrust fault
 Glaciers
 Field duplicate sample sites
- GEOLOGY AND MINERAL DEPOSITS**
 Geological bases and legend are derived from:
 Southey, J.C., Brew, D.A. and Chisholm, 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 refer to Mineral Inventory Map, M 104F - SUMDUM and M 104G - TELEGRAPH CREEK; assessment and reports refer to Assessment Report Index Map, AR 104F - SUMDUM and AR 104G - TELEGRAPH CREEK; bedrock geological mapping refer to Index of Bedrock Mapping, 1983, for mineral and placer claim maps contact the Ministry of Energy, Mines and Petroleum Resources, Mineral Titles Branch, Victoria, for current editions and status.

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 STREAM SEDIMENTS
 B.C. RGS 19
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 104F - SUMDUM / 104G - TELEGRAPH CREEK
 NORTHWESTERN BRITISH COLUMBIA, 1987