

- MINFILE DEPOSIT TYPES:**
- ◆ Sedex
  - Porphyry
  - Skarn
  - ◆ Vein
  - ▲ Ultramafic
  - ⊕ Volcanogenic
  - ★ Unknown
  - ▨ Placer Occurrences

- MINFILE NAMES & DEPOSIT TYPES:**
- |                              |                               |
|------------------------------|-------------------------------|
| 105 H                        | 95 E                          |
| 001 JANI (skarn)             | 003 ZORA (skarn)              |
| 002 MIDAS (skarn)            | 004 TWIN (vein)               |
| 003 KEE (unknown)            | 005 ISO (skarn)               |
| 004 COX (unknown)            | 006 MARION (vein)             |
| 005 FLIP (skarn)             | 007 MARIOT (unknown)          |
| 006 DC (skarn)               | 012 HEATHER (skarn)           |
| 007 VAGAS (unknown)          | 021 CAESER (skarn)            |
| 008 MIKO (skarn)             | 026 CARTON (unknown)          |
| 009 GLENNA (skarn)           | 027 DOOSHA (skarn)            |
| 010 STEELE (skarn)           | 028 GRISWOLD (skarn)          |
| 011 MAX (skarn)              | 031 IVO (skarn)               |
| 012 KLATZA (unknown)         | 032 UPPER COAL (skarn)        |
| 013 FRANCIS (vein)           | 033 HOOPER (unknown)          |
| 014 KING ARCTIC (ultramafic) | 034 SNEET (unknown)           |
| 015 DOUG (vein)              | 035 JOSE (skarn)              |
| 016 TUCHITA (ultramafic)     | 036 ROYALL (skarn)            |
| 017 EAST ARM (unknown)       | 037 HOGIE (unknown)           |
| 018 GALE (skarn)             | 039 KOMISH (skarn)            |
| 019 MAY (skarn)              | 040 VNER (skarn)              |
| 020 MAPEL (vein)             | 050 WEST COAL RIVER (unknown) |
| 021 MATT BERRY (sedex)       | 051 STOCKWELL (vein)          |
| 022 FLUKE (skarn)            |                               |
| 023 LUCY (unknown)           |                               |
| 024 CANYON (skarn)           |                               |
| 025 STU (sedex)              |                               |
| 026 TERRY (skarn)            |                               |
| 027 CORRIE (unknown)         |                               |
| 028 BLACK JACK (skarn)       |                               |
| 029 FIR TREE (skarn)         |                               |
| 030 MONTSE (skarn)           |                               |
| 031 RON (skarn)              |                               |
| 032 HELEN (skarn)            |                               |
| 033 BROD (skarn)             |                               |
| 034 KING (skarn)             |                               |
| 035 RAIN (skarn)             |                               |
| 036 ROKO (unknown)           |                               |
| 037 TOY (skarn)              |                               |
| 038 NORT (unknown)           |                               |
| 039 GOMI (unknown)           |                               |
| 040 CREE (vein)              |                               |
| 041 BR (skarn)               |                               |
| 042 TANYA (skarn)            |                               |
| 043 GUY (skarn)              |                               |
| 044 RENA (porphyry)          |                               |
| 045 FULCHER (unknown)        |                               |
| 046 TUSTLES (unknown)        |                               |
| 047 FIN (sedex)              |                               |
| 048 TED (vein)               |                               |
| 049 NARCHILLA (skarn)        |                               |
| 050 LEE (skarn)              |                               |
| 051 YUSEZYU (skarn)          |                               |
| 052 DODGE (skarn)            |                               |
| 053 TULEI (porphyry)         |                               |
| 054 HITCH-HIKER (vein)       |                               |
| 055 ZELUS (skarn)            |                               |
| 056 CARBIDE (porphyry)       |                               |
| 057 RICARDO (unknown)        |                               |
| 058 ALM (unknown)            |                               |
| 059 BUS (porphyry)           |                               |
| 064 MARKHAM (skarn)          |                               |
| 065 MELNYCHUK (unknown)      |                               |
| 066 CALLAGHAN (unknown)      |                               |
| 067 REKAB (unknown)          |                               |
| 068 SUSAN (skarn)            |                               |
| 069 PALMER (unknown)         |                               |
| 070 CALI (skarn)             |                               |
| 071 BARBARA (unknown)        |                               |
| 072 WOAII (skarn)            |                               |
| 073 TAI (skarn)              |                               |
| 074 WILMOT (unknown)         |                               |
| 075 MAXI (sedex)             |                               |
| 076 JONES (unknown)          |                               |
| 077 ZEIT (skarn)             |                               |
| 078 JULIA (volcanogenic)     |                               |
| 079 TINI (unknown)           |                               |
| 080 KNEL (volcanogenic)      |                               |
| 081 TYERS (unknown)          |                               |
| 082 TUNA (porphyry)          |                               |
| 084 CHAP (skarn)             |                               |
| 085 BEANS (unknown)          |                               |
| 086 CERRO (skarn)            |                               |
| 087 MIG (unknown)            |                               |
| 088 BILLINGS (skarn)         |                               |
| 089 IVO (skarn)              |                               |
| 090 WE (skarn)               |                               |
| 091 PINK (skarn)             |                               |
| 092 SHAN (skarn)             |                               |
| 093 SEBASTIAN (skarn)        |                               |
| 094 MT. BILLINGS (skarn)     |                               |
| 095 COME (sedex)             |                               |
| 096 MCPHERSON (skarn)        |                               |
| 097 TUS (porphyry)           |                               |
| 098 ANDERSON (skarn)         |                               |
| 099 BROTEN (skarn)           |                               |
| 100 MINI (skarn)             |                               |
| 101 BLANDA (unknown)         |                               |

- BASEMAP FEATURES:**
- ✚ Airstrip (Status Unknown)
  - ★ Heritage Sites
  - ⊠ Microwave Tower
  - ⊠ Building
  - ⊠ Built-Up Area
  - ⊠ Campground
  - ⊠ Wetlands
  - ⊠ Ice
  - Highway
  - 2 Wheel Drive
  - 4 Wheel Drive
  - Trail
  - Winter Trail
  - Other
  - Esker
  - Territorial Boundary
  - Mining District Boundary

- GENERALIZED GEOLOGY:**
- POST-TERRANE AMALGAMATION/ACCRETION UNITS:**
- PLUTONIC:**
- mKp - mid-Cretaceous post-accretion plutonic
- SEDIMENTARY / VOLCANIC:**
- Qs - Quaternary cover beneath which terrane boundaries cannot be extended with confidence
- CRATON MARGIN:**
- NA - ANCESTRAL NORTH AMERICA: Lower Proterozoic to Carboniferous passive and offshore continental margin sediments, Devonian to Carboniferous clastic wedges and Pennsylvanian to Jurassic-Cretaceous continental margin prism
- TERRANES:**
- PERICRATONIC:* rocks possess elements of passive margin sedimentation but differ in stratigraphic or structural characteristics from the ancestral North American margin
- YTNa - NASINA SUBTERRANE: Metamorphosed early(?) to mid-Paleozoic continental margin with superposed Late Devonian and Early Mississippian arc volcanic (= Nasina assem) and plutonic (YTp) rocks
  - YTp - Plutonic rocks superposed on Nasina Subterrane
  - YTa - AMPHIBOLITE SUBTERRANE: Amphibolite of uncertain subterrane affinity; may include Slide Mountain terrane
- ACCRETED, INTERMONTANE SUPERTERRANE:**
- SM - SLIDE MOUNTAIN: Oceanic and/or marginal basin volcanics and sediments of Devonian to Late Triassic age including chert, argillite, sandstone, conglomerate, mafic intrusions, basalt, alpine-type ultramafic rocks, carbonate rocks and local blueschist and eclogite

**RECOMMENDED CITATION:**

105 H & 95 E - Frances Lake and Western Half of Flat River, Yukon Minfile - Mineral Occurrence Map (1:250 000 scale), 2000. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada.

Digital cartography and drafting by P.S. Lipovsky, Yukon Geology Program.

Any revisions or additional information known to the user would be welcomed by the Yukon Geology Program.

Copies of this map may be purchased from Geoscience Information and Sales, c/o the Whitehorse Mining Recorder, Indian and Northern Affairs Canada, Room 102 - 300 Main St., Whitehorse, Yukon, Y1A 2B5, Ph: (867) 667-3266 Fax: (867) 667-3267.

**ACKNOWLEDGEMENTS AND DATA SOURCES:**

MINFILE: Yukon Minfile Database, 2000. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada. Available from Hyperborean Productions, 204 - 402 Hanson Street, Whitehorse, Yukon, Y1A 1Y8, Ph (867) 633-4996.

GEOLOGY: Gordley, S.P. and Makepeace, A.J. (comp.), 1999. Yukon digital geology, Geological Survey of Canada Open File 33826 and Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Open File 1998-10.

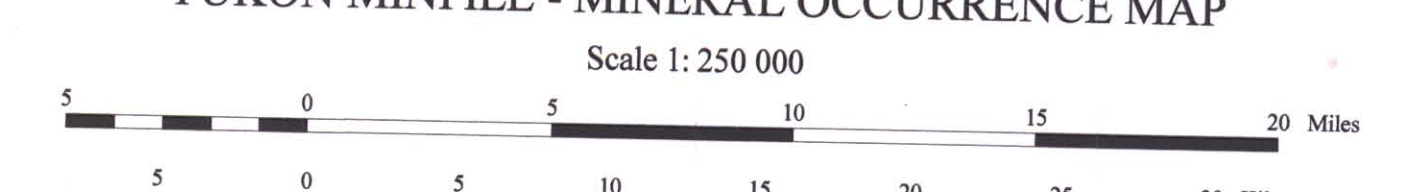
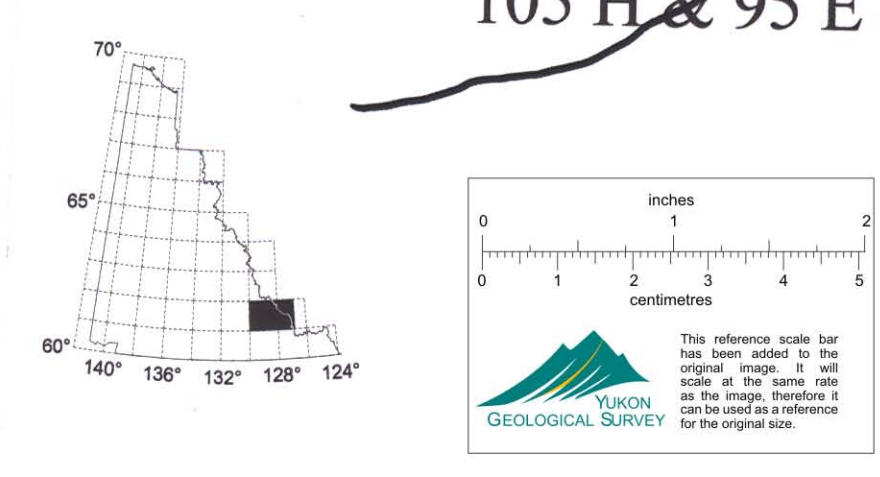
FIRST NATIONS SETTLEMENT LANDS: Land Status Implementation, Land Resources, Northern Affairs Program, Whitehorse, YT.

PARKS & SPECIAL MANAGEMENT AREAS: Renewable Resources, Yukon Government.

HERITAGE SITES: Heritage Branch, Yukon Government; and Forestry, Yukon, Indian and Northern Affairs Canada.

TOPOGRAPHIC BASE: Renewable Resources, Yukon Government; and Land Information Management System.

**105 H & 95 E - FRANCES LAKE AND WESTERN HALF OF FLAT RIVER**  
**YUKON MINFILE - MINERAL OCCURRENCE MAP**

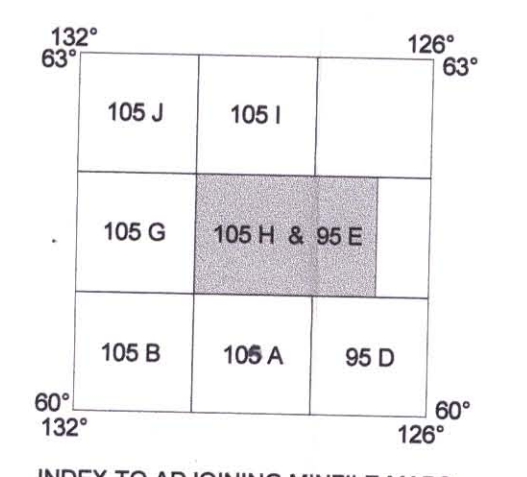


CONTOUR INTERVAL 100 METRES  
 Elevations in Feet (105H) or Metres (95E) above Mean Sea Level  
 North American Datum 1983  
 Transverse Mercator Projection  
 Ten Thousand Metres Universal Transverse Mercator Grid  
 ZONE 5

Magnetic declination for 105 H 1987 varies from 30°36' easterly at centre of west edge to 30°49' easterly at centre of east edge. Mean annual change decreasing 13.4'.

Magnetic declination for 95 E 1986 varies from 29°22' easterly at centre of west edge to 29°25' easterly at centre of east edge. Mean annual change decreasing 13.0'.

006821



**105 H & 95 E - FRANCES LAKE AND WESTERN HALF OF 95 E**  
**YUKON MINFILE MINERAL OCCURRENCE MAP**

This map was released xxx, 2000, and updated xxxxx.

NOTE: This map is issued as a preliminary guide only and is not intended to be used for navigation or to define legal boundaries. The map was produced by compiling data from various sources, and no responsibility will be taken by the Yukon Geology Program for any errors, inaccuracies or omissions whatsoever.

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